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FEDERAL ENERGY
REGULATORY COMMISSION

Wisconsin Public Service Corporation
1200 Wisconsin Street
Madison, WI 53703
608.257.1000
www.wpsc.com

Part 3 of 3

January 16, 2007

Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
Mail Code: DTCA, HL 21.3
888 First Street, N.E.
Washington, DC 20426

Dear Secretary Salas:

2006 Water Quality Monitoring Results for the Caldron Falls (FERC No. 2525), High Falls (FERC No. 2595), Johnson Falls (FERC No. 2522), Sandstone Rapids (FERC No. 2546), Potato Rapids (FERC No. 2560), and Peshtigo (FERC No. 2581) Hydroelectric Projects

As per the Water Quality Monitoring Plans for the respective Hydroelectric Projects, Wisconsin Public Service Corporation (WPSC) is pleased to submit water quality monitoring data for the 2006 monitoring year.

Per the water quality monitoring plans for the Hydroelectric Projects on the Peshtigo River, dissolved oxygen (D.O.), temperature, and pH were monitored at nine locations. The monitoring locations are as follows:

- Upstream of the Caldron Falls Hydroelectric facility in Caldron Falls Reservoir. Monitoring at this location is to provide background information on the water being released through the powerhouse.
- In the tailrace of Caldron Falls Powerhouse, downstream of the confluence of the powerhouse tailrace and dam spillway.
- At the Parkway Blvd. Bridge downstream of Caldron Falls Dam. This monitoring point serves as an upstream monitoring location for High Falls Reservoir.
- In the tailrace of the High Falls Hydroelectric facility, at the Boat Landing No. 3 bridge over the Peshtigo River.
- In the tailrace of Johnson Falls Hydroelectric facility.
- In the tailrace of the Sandstone Rapids Hydroelectric facility.
- Upstream of the Potato Rapids Hydroelectric Facility. Monitoring at this location is to provide background information on the water being released through the powerhouse.
- In the tailrace of the Potato Rapids Hydroelectric facility.
- In the tailrace of the Peshtigo Hydroelectric facility.

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Deviations from the State D.O. water quality standards were observed at the Caldron Falls Hydro tailrace, Potato Rapids Hydro tailrace, Peshtigo Hydro tailrace, and the Johnson Falls Hydro tailrace. The water quality standard is 5.0 mg/l D.O. at all facilities except Johnson Falls, where the water quality standard is 6.0 mg/l.

Between June 1 and July 20, 2006, the water quality monitor in the Caldron Falls tailrace was inadvertently placed directly in the tailrace instead of downstream of the confluence of the tailrace and spillway. All data collected during this time period in the Caldron Falls tailrace is not representative of the facility discharge as the readings do not reflect mixing of the powerhouse discharge along with the spillway discharge. Upon moving the monitor downstream below the confluence of the spillway and powerhouse discharge, no deviations from the water quality standards were observed.

One hourly reading below the water quality standard for D.O. was recorded at the Potato Rapids tailrace monitoring location. This reading appears to be an anomaly as the readings before and after are above 7.0 mg/l. Twelve hourly readings were recorded below the water quality standard at the Peshtigo Hydro monitoring location on August 3, 2006. The cause of the low D.O. readings is unknown as there were no changes in operation before, during, or after the time period when the deviations occurred.

Hourly readings below the water quality standard of 6.0 mg/l D.O. were observed at the Johnson Falls tailrace monitoring location in June, July, and August. All D.O. readings in the Johnson Falls tailrace were above 5.0 mg/l. The Johnson Falls tailrace monitor was located approximately 20 to 30 feet downstream of the powerhouse on the north side of the river, directly in the discharge of Unit 2. When only Unit 1 is on line, there is little water flow around the water quality monitor. During the monitoring season, there were 236 hourly readings between 5.0 and 6.0 mg/l D.O. (1.0% of the total readings). Operational data shows that of the 236 hourly readings, only 31 occurred while Unit 2 was on line. Of these 31 readings, only 8 were less than 5.8 mg/l (please note that the D.O. monitoring equipment used has an accuracy of +/- 0.2 mg/l D.O., per the manufacturer). Since nearly all of the D.O. deviations were observed when Unit 2 was off line, WPSC believes the low dissolved oxygen readings are not representative of the actual facility discharge given that the monitoring location is immediately in the discharge of the powerhouse. All dissolved oxygen monitoring data, and operational data for Johnson Falls Hydro, are attached in Appendix A.

There are no deviations from the State temperature or pH standards to report. Some high pH values were observed at the High Falls tailrace monitoring location; however, these readings are most likely due to equipment errors and are not representative of the actual river flow. A review of the monitoring data shows a sharp increase in pH when the values are near or over the pH standard of 9.0 standard units (s.u.). The sharp increases observed are indicative of an equipment malfunction. All temperature and pH monitoring data is attached in Appendices B and C, respectively.

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WPSC has consulted with the Wisconsin Department of Natural Resources (WDNR) and U.S. Fish and Wildlife Service (FWS) regarding the water quality monitoring data. No comments were received from WDNR or FWS on the water quality monitoring data. Documentation of agency consultation is attached in Appendix D.

Should you have any questions regarding this submittal, please do not hesitate to call Mr. Mark Metcalf at (920) 433-1833. Thank you for your time and consideration.

Sincerely,



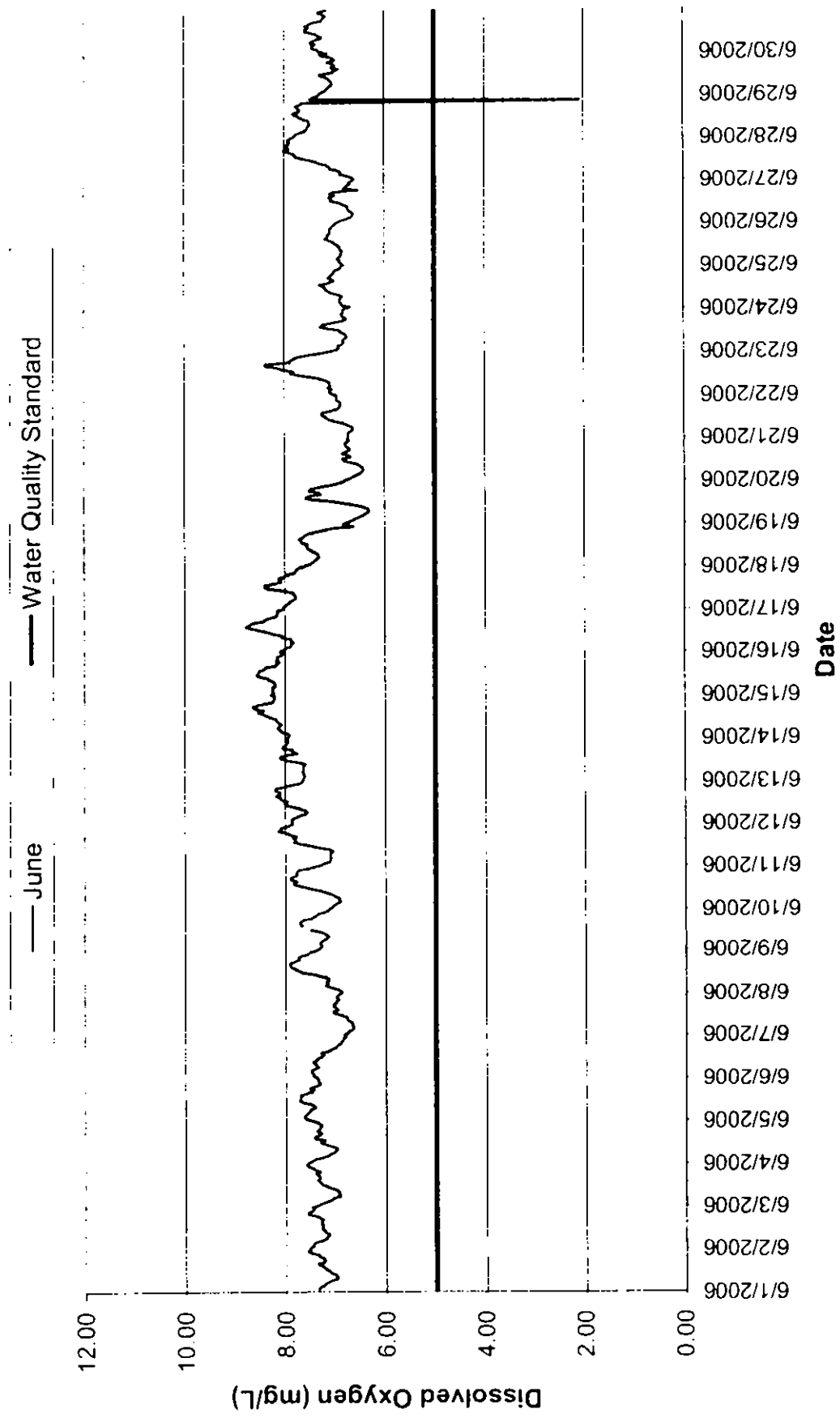
Terry P. Jensky

Vice President - Energy Supply Operations
for Wisconsin Public Service Corporation
Telephone: (715) 355-2047

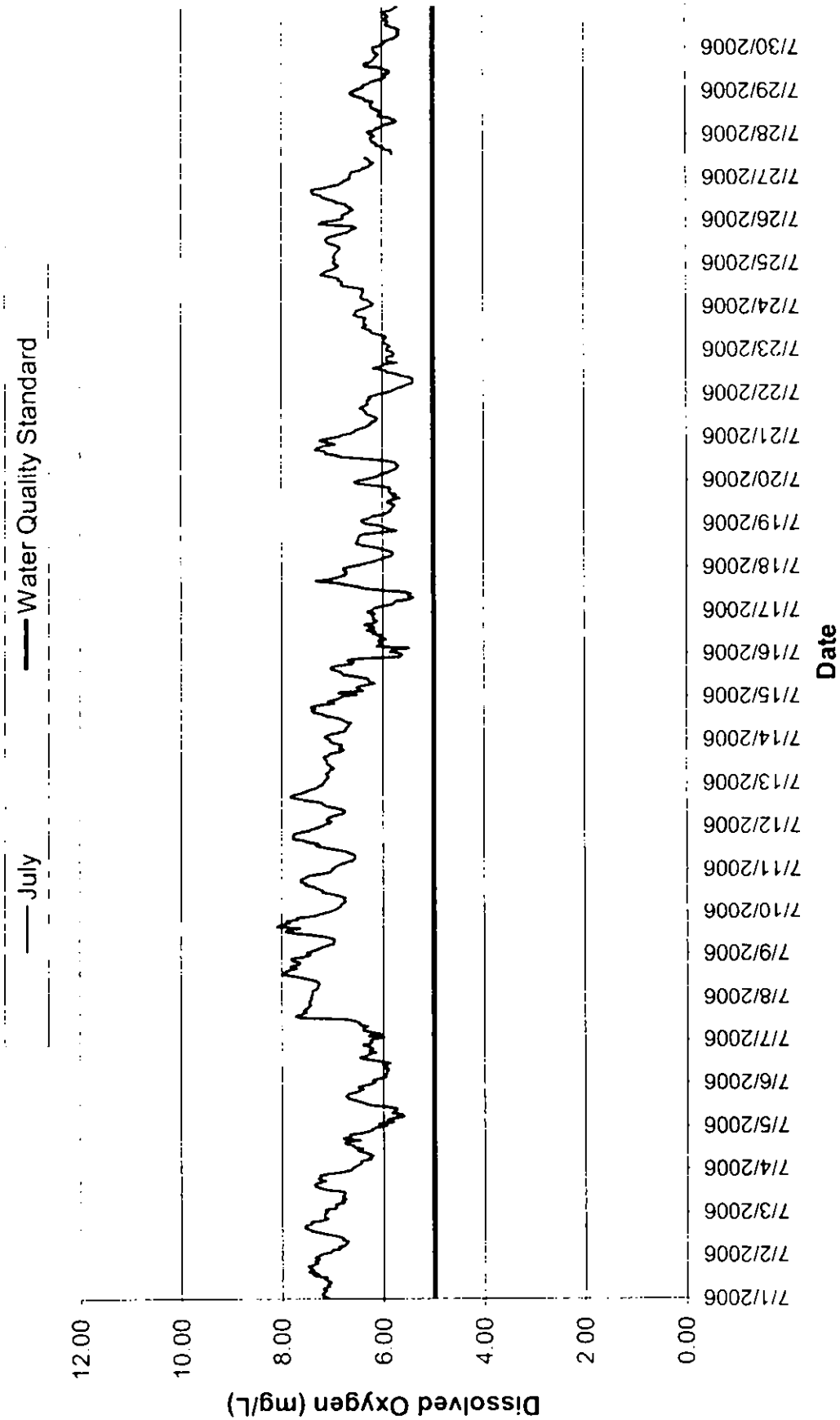
Attach.

cc: Mr. Mike Donofrio, WDNR (cover only)
Mr. Bob Martini, WDNR (cover only)
Ms. Justine Hasz, WDNR (cover only)
Ms. Louise Clemency, FWS (cover only)
Mr. Shawn Puzen, WPSC (cover only)
Mr. Bruce Crocker, WPSC (cover only)
Mr. Ed Brandt, WPSC (cover only)
Ms. Joan Johaneck, WPSC (file)
Mr. Howard R. Giesler, WPSC - PUL (cover only)

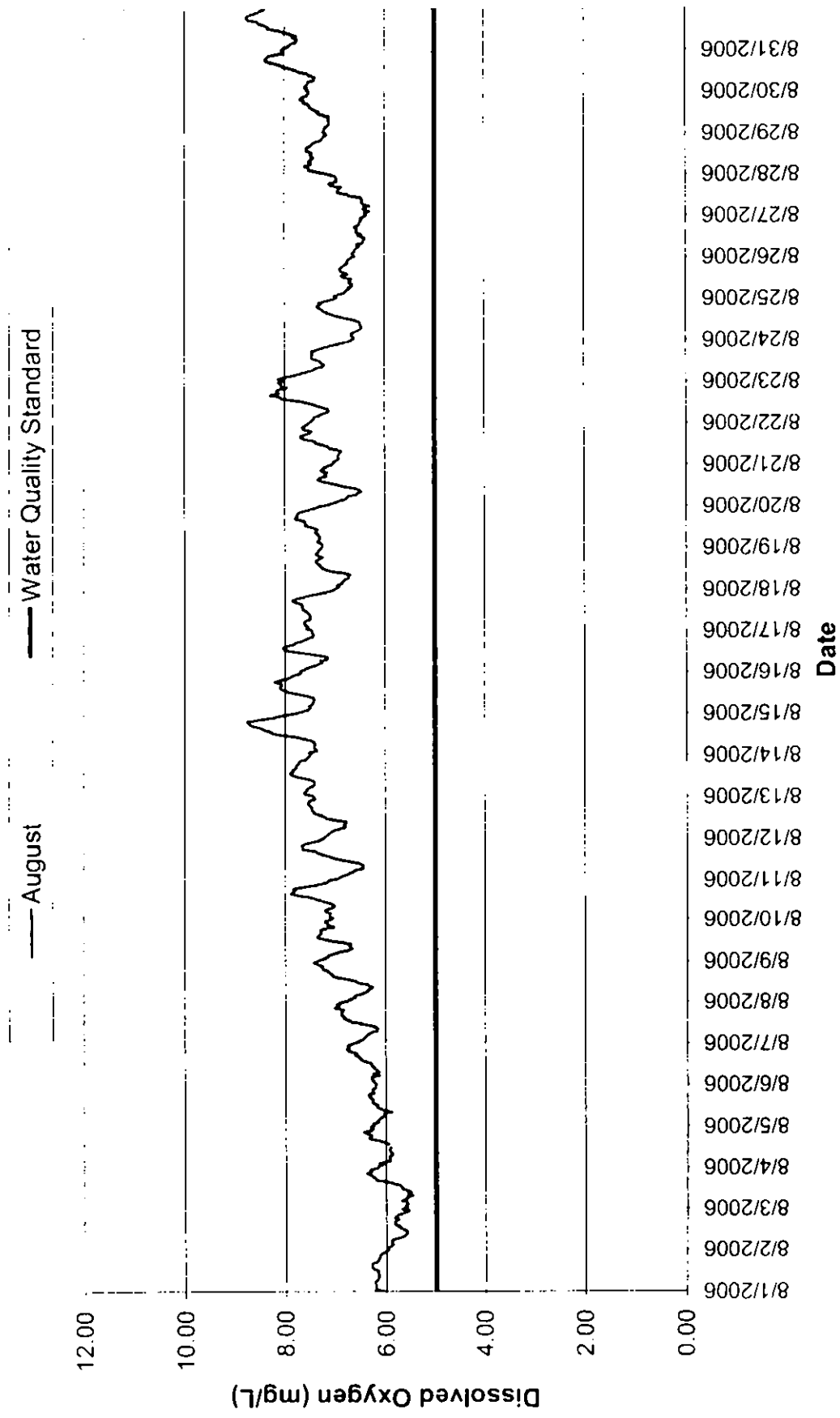
Potato Rapids Tailwater Dissolved Oxygen Summary - June 2006



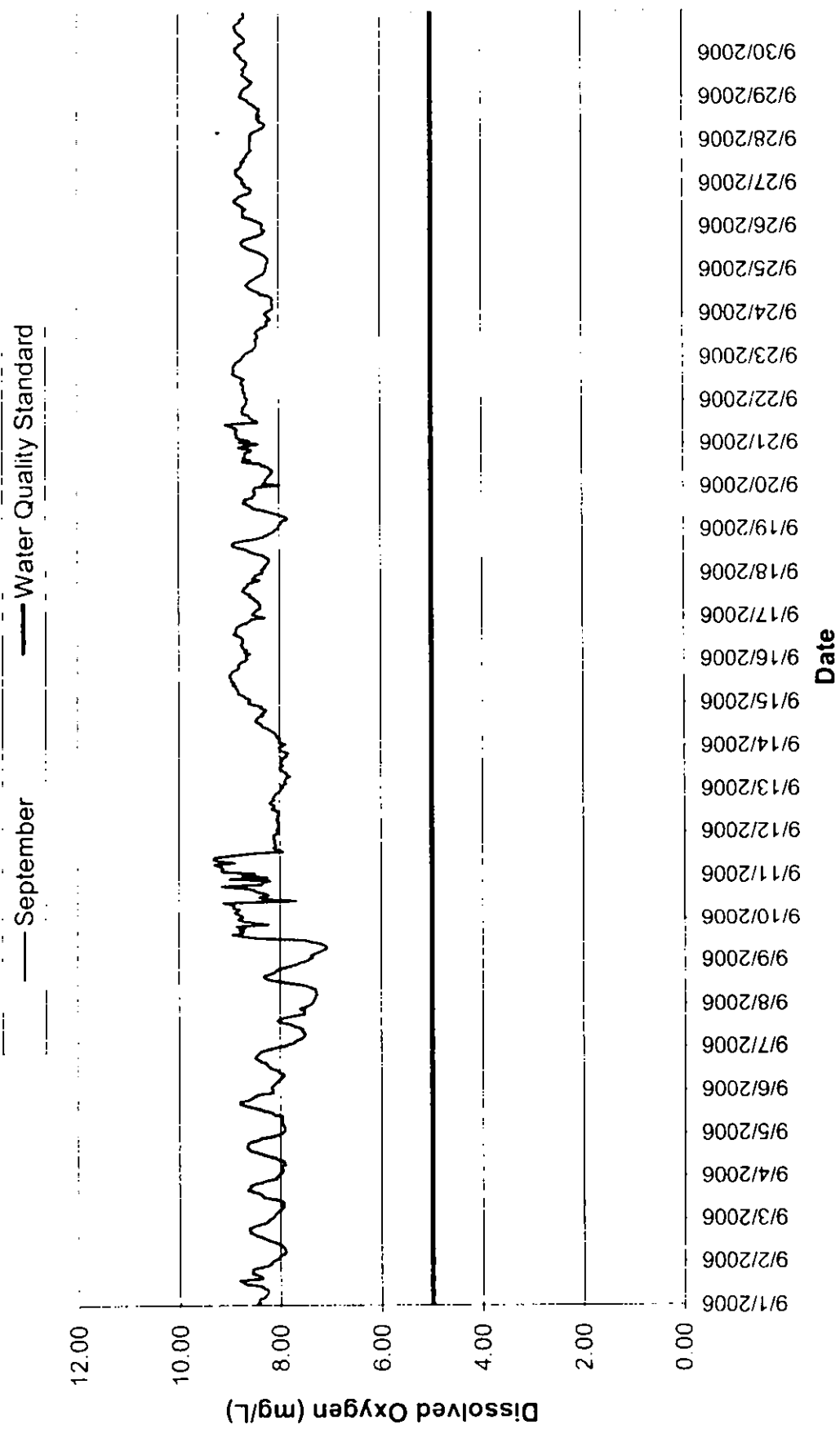
Potato Rapids Tailwater Dissolved Oxygen Summary - July 2006



Potato Rapids Tailwater Dissolved Oxygen Summary - August 2006



Potato Rapids Tailwater Dissolved Oxygen Summary - September 2006



Potato Rapids Tailwater Dissolved Oxygen Summary - June 2006

Time HHMMSS	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
0	7.3	7.5	7.4	7.5	7.5	7.4	6.8	6.9	7.3	7.1	7.3	7.9	7.6	7.9	8.3	8.1
10000	7.3	7.5	7.3	7.5	7.6	7.4	6.7	6.9	7.3	7.1	7.2	7.9	7.6	7.9	8.2	8.0
20000	7.3	7.5	7.2	7.4	7.6	7.4	6.7	7.0	7.3	7.0	7.1	7.9	7.6	7.9	8.3	8.0
30000	7.2	7.4	7.1	7.3	7.6	7.5	6.6	7.1	7.3	7.0	7.1	7.8	7.6	8.1	8.2	7.9
40000	7.2	7.3	7.1	7.2	7.6	7.5	6.6	7.2	7.3	6.9	7.1	7.7	7.6	8.1	8.3	7.9
50000	7.1	7.2	6.9	7.1	7.5	7.4	6.7	7.1	7.2	6.9	7.1	7.6	7.6	8.1	8.2	7.8
60000	7.1	7.2	6.9	7.0	7.5	7.3	6.7	7.2	7.2	6.9	7.1	7.6	7.6	8.1	8.2	7.9
70000	7.0	7.1	7.0	7.0	7.4	7.4	6.7	7.1	7.1	7.0	7.1	7.6	7.6	8.1	8.2	7.9
80000	7.0	7.1	6.9	7.0	7.4	7.4	6.7	7.1	7.2	7.1	7.0	7.7	7.6	8.1	8.3	8.1
90000	7.0	7.2	7.0	7.0	7.5	7.5	6.8	7.3	7.2	7.2	7.1	7.9	7.6	8.2	8.4	8.1
100000	7.1	7.2	7.1	7.1	7.6	7.4	6.8	7.4	7.3	7.3	7.4	8.0	7.7	8.2	8.5	8.2
110000	7.1	7.3	7.2	7.2	7.7	7.4	6.9	7.6	7.5	7.5	7.5	8.0	7.9	8.3	8.6	8.4
120000	7.2	7.3	7.3	7.3	7.7	7.3	7.0	7.7		7.6	7.7	8.0	8.1	8.4	8.5	8.5
130000	7.2	7.3	7.3	7.2	7.7	7.2	7.0	7.8	7.7	7.8	7.8	8.1	8.1	8.4	8.5	8.7
140000	7.3	7.3	7.4	7.4	7.7	7.3	7.0	7.9	7.7	7.8	7.8	8.1	8.0	8.5	8.4	8.8
150000	7.4	7.3	7.3	7.4	7.6	7.2	7.0	7.9	7.7	7.8	7.8	8.2	7.8	8.4	8.4	8.7
160000	7.2	7.3	7.3	7.3	7.5	7.1	7.0	7.9	7.7	7.9	7.8	8.1	7.9	8.6	8.2	8.6
170000	7.2	7.3	7.3	7.3	7.4	7.0	7.0	7.8	7.6	7.9	7.9	8.1	7.9	8.6	8.2	8.4
180000	7.2	7.4	7.4	7.4	7.5	7.0	7.0	7.7	7.5	7.8	8.0	8.2	8.1	8.5	8.1	8.4
190000	7.3	7.6	7.3	7.4	7.4	6.9	7.0	7.7	7.4	7.8	8.1	8.2	8.0	8.4	8.2	8.3
200000	7.4	7.6	7.4	7.3	7.3	6.9	6.9	7.7	7.4	7.8	8.1	8.0	8.0	8.2	8.1	8.2
210000	7.5	7.5	7.5	7.3	7.3	6.9	7.0	7.5	7.3	7.7	8.1	7.9	8.0	8.2	8.2	8.2
220000	7.6	7.5	7.5	7.3	7.3	6.8	7.0	7.5	7.2	7.6	7.9	7.7	7.9	8.2	8.1	8.1
230000	7.5	7.5	7.6	7.4	7.4	6.8	6.9	7.4	7.2	7.4	7.9	7.7	8.0	8.2	8.1	8.2
Daily Max	7.6	7.6	7.6	7.5	7.7	7.5	7.0	7.9	7.7	7.9	8.1	8.2	8.1	8.6	8.6	8.8
Daily Min	7.0	7.1	6.9	7.0	7.3	6.8	6.6	6.9	7.1	6.9	7.0	7.6	7.6	7.9	8.1	7.8
Average	7.2	7.3	7.2	7.3	7.5	7.2	6.9	7.4	7.4	7.4	7.5	7.9	7.8	8.2	8.3	8.2

Missing data on 6/9 due to equipment change

License Minimum: 5.0 mg/l

Potato Rapids Tailwater Dissolved Oxygen Summary - June 2006

Time HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	8.0	7.6	6.8	6.8	6.7	7.0	7.1	6.8	6.8	6.9	6.6	7.8	7.3	7.3
10000	8.0	7.5	6.7	6.7	6.7	7.1	6.9	6.7	6.9	6.9	6.6	7.8	7.2	7.3
20000	8.0	7.4	6.6	6.6	6.7	7.1	6.9	6.8	6.9	6.8	6.7	7.7	7.2	7.4
30000	7.9	7.4	6.5	6.5	6.7	7.0	6.9	6.9	6.9	6.7	6.9	7.6	7.1	7.4
40000	7.9	7.3	6.4	6.5	6.6	7.1	6.8	6.9	6.9	6.6	6.9	7.5	7.1	7.4
50000	7.8	7.3	6.4	6.4	6.6	7.1	6.8	6.9	6.9	6.6	6.9	7.5	7.0	7.5
60000	7.8	7.3	6.3	6.4	6.6	7.1	6.8	6.9	6.9	6.7	7.1	7.5	7.0	7.4
70000	7.8	7.3	6.3	6.4	6.7	7.1	6.8	6.8	6.9	6.7	7.1	7.5	7.0	7.3
80000	7.8	7.4	6.3	6.5	6.8	7.2	6.7	6.9	6.8	6.7	7.1	7.5	7.1	7.2
90000	7.8	7.5	6.4	6.5	7.0	7.3	6.8	7.1	6.9	6.7	7.3	7.5	7.1	7.3
100000	8.0	7.5	6.6	6.7	7.1	7.5	6.8	7.1	6.9	6.8	7.4	7.6	7.2	7.4
110000	8.2	7.6	6.9	6.8	7.2	7.7	6.9	7.2	6.9	6.9	7.5	7.7	7.3	7.6
120000	8.4	7.5	7.0	6.8	7.2	7.9	6.9	7.2	7.0	7.1	7.7	7.8	7.0	7.6
130000	8.4	7.7	7.5	6.7	7.3	7.8	7.1	7.3	7.0	7.0	7.8	7.8	7.0	7.5
140000	8.2	7.7	7.6	6.7	7.2	8.0	7.3	7.1	7.1	7.1	7.8	7.7	6.9	7.6
150000	8.1	7.7	7.5	6.9	7.1	8.1	7.2	7.0	7.2	7.0	7.9	7.7	7.1	7.5
160000	8.1	7.6	7.3	6.7	6.9	8.4	7.0	7.0	7.1	7.1	8.0	7.7	7.0	7.4
170000	8.1	7.6	7.3	6.7	6.9	8.4	6.9	7.1	7.1	7.0	7.9	7.8	7.0	7.3
180000	8.0	7.5	7.5	6.7	6.9	7.9	6.8	7.1	7.1	6.5	7.9	7.7	7.1	7.2
190000	8.0	7.4	7.5	6.8	6.9	7.9	6.8	7.0	7.1	6.8	8.0	7.6	7.0	7.2
200000	7.8	7.2	7.3	6.8	6.9	7.8	6.8	7.0	7.1	6.8	7.9	2.1	7.0	7.2
210000	7.8	7.0	7.1	6.8	7.0	7.7	6.9	7.0	7.1	6.7	7.9	7.5	7.1	7.2
220000	7.8	6.6	6.9	6.7	7.0	7.5	6.8	6.9	7.0	6.7	7.9	7.4	7.3	7.3
230000	7.7	6.8	6.8	6.7	6.9	7.3	6.8	6.9	7.0	6.7	7.9	7.3	7.1	7.2
Daily Max	8.4	7.7	7.6	6.9	7.3	8.4	7.3	7.3	7.2	7.1	8.0	7.8	7.3	7.6
Daily Min	7.7	6.6	6.3	6.4	6.6	7.0	6.7	6.7	6.8	6.5	6.6	2.1	6.9	7.2
Average	8.0	7.4	6.9	6.7	6.9	7.5	6.9	7.0	7.0	6.8	7.4	7.4	7.1	7.4

Low value on 6/28 due to equipment malfunction or tampering

Potato Rapids Tailwater Dissolved Oxygen Summary - July 2006

Time HHMMSS	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	7.1	7.2	7.1	6.6	5.9	6.2	6.2	7.4	7.5	7.0	7.0	7.2	7.2	7.0	6.8	5.7
10000	7.2	7.0	7.1	6.6	6.1	6.2	6.0	7.4	7.4	6.9	6.9	7.1	7.1	7.2	6.5	5.9
20000	7.2	7.0	6.9	6.5	5.8	6.1	6.3	7.4	7.3	6.9	6.9	7.0	7.1	7.1	6.9	5.7
30000	7.2	6.8	6.9	6.4	5.9	6.0	6.1	7.4	7.2	6.8	6.8	7.1	7.1	7.0	6.4	5.5
40000	7.1	6.9	6.9	6.5	5.8	6.0	6.3	7.3	7.1	6.8	6.7	7.1	7.1	6.8	6.5	6.1
50000	7.2	6.8	6.8	6.2	5.6	5.9	6.4	7.3	7.0	6.8	6.6	7.0	7.1	6.7	6.5	6.0
60000	7.1	6.7	6.8	6.3	5.6	5.9	6.4	7.3	7.0	6.7	6.5	6.9	7.1	6.7	6.4	6.0
70000	7.1	6.7	6.7	6.2	5.8	5.9	6.3	7.3	7.0	6.8	6.6	6.8	7.0	6.7	6.2	6.1
80000	7.0	6.8	6.8	6.3	5.8	6.0	6.5	7.3	7.0	6.7	6.6	6.7	7.0	6.7	6.3	5.9
90000	7.1	6.8	6.8	6.4	5.7	5.9	6.5	7.3	7.1	6.9	6.7	6.8	7.0	6.6	6.3	6.1
100000	7.2	6.9	6.8	6.5	5.9	6.0	6.5	7.5	7.3	7.0	6.8	7.0	7.1	6.7	6.3	6.0
110000	7.1	7.1	6.8	6.4	6.2	5.9	6.7	7.6	7.7	7.2	7.0	7.1	7.1	6.8	6.5	6.2
120000	7.4	7.3	7.1	6.6	6.3	6.1	7.6	7.8	7.9	7.2	7.2	7.2	7.1	6.9	6.8	6.2
130000	7.3	7.4	7.2	6.6	6.5	6.3	7.7	8.0	7.8	7.3	7.3	7.2	7.1	7.1	6.8	6.3
140000	7.5	7.5	7.3	6.8	6.6	6.5	7.6	7.9	7.6	7.4	7.3	7.5	7.2	7.2	6.9	6.2
150000	7.4	7.6	7.4	6.7	6.7	6.3	7.5	7.9	8.1	7.5	7.5	7.7	7.1	7.4	7.0	6.2
160000	7.4	7.5	7.3	6.5	6.7	6.3	7.6	7.7	8.0	7.5	7.6	7.8	7.0	7.4	7.0	6.4
170000	7.5	7.4	7.1	6.8	6.7	6.1	7.5	7.8	7.8	7.6	7.8	7.8	6.9	7.3	6.9	6.2
180000	7.4	7.4	7.3	6.7	6.6	6.3	7.5	7.7	7.9	7.6	7.8	7.6	6.8	7.4	6.6	6.1
190000	7.3	7.2	7.2	6.7	6.5	6.2	7.4	7.6	7.7	7.5	7.8	7.5	6.9	7.3	6.6	6.2
200000	7.4	7.1	7.3	6.4	6.4	6.3	7.5	7.8	7.7	7.5	7.7	7.4	6.8	7.0	6.7	6.2
210000	7.3	7.2	7.1	6.3	6.5	6.4	7.5	7.8	7.3	7.3	7.5	7.3	6.8	7.1	6.6	6.2
220000	7.4	7.2	6.8	6.2	6.4	6.2	7.4	7.5	7.2	7.0	7.4	7.3	7.0	6.9	5.7	6.2
230000	7.3	7.1	6.6	6.2	6.2	6.3	7.4	7.4	7.1	7.0	7.3	7.2	7.1	6.8	5.6	6.3
Daily Max	7.5	7.6	7.4	6.8	6.7	6.5	7.7	8.0	8.1	7.6	7.8	7.8	7.2	7.4	7.0	6.4
Daily Min	7.0	6.7	6.6	6.2	5.6	5.9	6.0	7.3	7.0	6.7	6.5	6.7	6.8	6.6	5.6	5.5
Average	7.2	7.1	7.0	6.5	6.2	6.1	6.9	7.6	7.4	7.1	7.1	7.2	7.0	7.0	6.5	6.1

License Minimum Dissolved Oxygen: 5.0 mg/l

Potato Rapids Tailwater Dissolved Oxygen Summary - July 2006

Time	07:17/06	07:18/06	07:19/06	07:20/06	07:21/06	07:22/06	07:23/06	07:24/06	07:25/06	07:26/06	07:27/06	07:28/06	07:29/06	07:30/06	07:31/06
0	6.2	6.6	6.3	6.5	6.9	6.1	5.9	6.3	6.9	6.9	6.6	6.2	6.6	6.2	5.6
10000	6.2	6.4	6.4	6.3	6.8	5.9	5.9	6.2	7.0	6.8	6.6	6.3	6.5	6.0	5.7
20000	6.0	6.3	6.4	6.1	6.7	5.8	5.8	6.2	6.9	6.8	6.6	6.1	6.4	6.0	5.5
30000	5.8	6.2	6.2	6.0	6.5	5.7	5.9	6.2	6.9	6.8	6.6	6.1	6.4	6.0	5.6
40000	5.8	6.1	6.2	5.9	6.5	5.6	6.0	6.3	7.0	6.7	6.4	6.0	6.3	5.9	5.5
50000	5.7	6.0	6.0	5.8	6.4	5.5	6.0	6.4	6.9	6.6	6.4	6.0	6.2	5.8	5.5
60000	5.5	5.8	5.9	5.7	6.3	5.4	6.0	6.4	6.9	6.6	6.3	5.8	6.1	5.7	5.4
70000	5.4	5.8	5.8	5.7	6.2	5.4	5.9	6.4	6.9	6.6	6.2	5.7	6.0	5.7	5.3
80000	5.5	5.8	5.8	5.7	6.2	5.4	5.9	6.4	6.8	6.7	6.2	5.8	5.9	5.7	5.6
90000	5.4	5.9	5.8	5.7	6.1	5.5	6.1	6.4	6.8	6.7	6.2	5.9	6.0	5.7	5.3
100000	5.6	6.0	5.8	5.7	6.1	5.6	6.2	6.4	6.9	6.9	6.2	6.1	5.8	5.6	5.4
110000	6.0	6.2	5.8	6.0	6.2	5.7	6.2	6.6	7.0	7.0	6.3	6.1	5.9	5.7	5.3
120000	6.3	6.4	5.9	6.4	6.2	5.9	6.3	6.8	7.1	7.1	6.3	6.0	5.9	5.8	5.8
130000	6.5	6.5	5.8	6.8	6.3	6.0	6.4	6.8	7.1	7.2	5.8	6.1	6.1	5.9	5.4
140000	6.7	6.5	5.7	6.9	6.3	6.2	6.3	6.8	7.1	7.2	5.8	6.2	6.3	5.9	5.8
150000	6.9	6.5	5.8	7.1	6.4	6.0	6.3	6.9	7.0	7.4	5.8	6.2	6.4	5.9	5.8
160000	7.3	6.5	5.7	7.1	6.4	6.0	6.4	6.8	6.9	7.4	6.0	6.2	6.2	6.0	5.9
170000	7.1	6.5	5.8	7.3	6.4	5.7	6.3	7.0	6.7	7.4	6.0	6.2	6.2	5.9	6.0
180000	6.9	6.4	5.9	7.3	6.3	5.9	6.3	7.2	6.6	7.2	6.1	6.2	6.1	5.9	5.9
190000	6.8	6.0	5.8	7.2	6.3	5.9	6.5	7.2	6.6	7.0	6.1	6.3	6.1	6.0	5.8
200000	6.7	5.7	5.9	6.9	6.3	5.9	6.6	7.1	6.5	6.9	6.2	6.4	6.1	6.0	5.9
210000	6.7	5.9	6.2	7.0	6.2	5.8	6.5	7.0	6.6	6.8	6.2	6.5	6.1	5.8	6.0
220000	6.8	6.0	6.2	7.2	6.3	5.8	6.5	6.9	7.2	6.7	6.2	6.6	6.2	5.8	5.9
230000	6.8	6.1	6.5	7.1	6.2	5.8	6.4	6.9	7.2	6.6	6.1	6.6	6.2	5.7	6.0
Daily Max	7.3	6.6	6.5	7.3	6.9	6.2	6.6	7.2	7.2	7.4	6.6	6.6	6.6	6.2	6.0
Daily Min	5.4	5.7	5.7	5.7	6.1	5.4	5.8	6.2	6.5	6.6	5.8	5.7	5.8	5.6	5.3
Average	6.3	6.2	6.0	6.5	6.4	5.8	6.2	6.6	6.9	6.9	6.2	6.1	6.2	5.9	5.7

Missing data on 7/27 due to equipment change.

Potato Rapids Tailwater Dissolved Oxygen Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	08:01:06	08:02:06	08:03:06	08:04:06	08:05:06	08:06:06	08:07:06	08:08:06	08:09:06	08:10:06	08:11:06	08:12:06	08:13:06	08:14:06	08:15:06	08:16:06
g	6.1	6.0	5.6	6.2	6.2	6.2	6.6	6.8	7.3	7.0	6.9	7.2	7.5	7.5	7.8	7.7
10000	6.2	5.9	5.6	6.1	6.3	6.2	6.5	6.7	7.2	7.1	6.9	7.2	7.6	7.5	7.6	7.6
20000	6.2	5.9	5.6	6.1	6.1	6.3	6.5	6.6	7.1	7.1	6.8	7.1	7.6	7.4	7.5	7.5
30000	6.2	5.9	5.6	5.9	6.2	6.3	6.4	6.6	7.1	7.1	6.7	7.1	7.6	7.4	7.5	7.4
40000	6.2	5.9	5.7	5.9	6.1	6.3	6.4	6.5	7.0	7.2	6.6	7.0	7.5	7.4	7.5	7.3
50000	6.2	5.9	5.6	5.9	6.1	6.1	6.3	6.4	6.9	7.2	6.6	6.9	7.5	7.4	7.5	7.2
60000	6.2	5.7	5.6	5.9	6.0	6.2	6.3	6.3	6.7	7.1	6.4	6.8	7.4	7.4	7.4	7.3
70000	6.2	5.6	5.5	5.9	6.0	6.1	6.2	6.3	6.7	7.0	6.5	6.8	7.4	7.4	7.4	7.1
80000	6.1	5.6	5.6	5.9	5.9	6.2	6.2	6.2	6.7	7.0	6.4	6.8	7.4	7.5	7.4	7.1
90000	6.2	5.6	5.5	5.9	6.0	6.2	6.2	6.3	6.7	7.1	6.5	6.8	7.4	7.6	7.4	7.2
100000	6.2	5.6	5.6	5.9	6.1	6.2	6.3	6.4	6.8	7.2	6.7	7.0	7.6	7.7	7.6	7.5
110000	6.2	5.6	5.7	5.9	6.2	6.3	6.5	6.5	7.1	7.3	6.9	7.2	7.7	8.1	7.7	7.7
120000	6.2	5.7	5.7	5.7	6.2	6.3	6.7	6.6	7.2	7.4	7.0	7.2	7.8	8.2	7.9	7.9
130000	6.3	5.7	5.7	6.0	6.3	6.4	6.7	6.7	7.4	7.5	7.1	7.3	7.9	8.3	8.0	8.0
140000	6.3	5.8	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.7	7.3	7.4	7.8	8.4	8.1	8.0
150000	6.3	5.8	6.0	6.1	6.3	6.5	6.8	7.0	7.3	7.9	7.3	7.4	7.9	8.5	8.1	7.9
160000	6.2	5.8	6.2	6.3	6.3	6.5	6.9	7.1	7.3	7.9	7.4	7.5	7.8	8.6	8.1	7.8
170000	6.2	5.8	6.2	6.3	6.3	6.6	6.9	7.1	7.3	7.8	7.6	7.5	7.8	8.7	8.1	7.7
180000	6.1	5.8	6.3	6.3	6.3	6.6	6.8	7.1	7.2	7.8	7.7	7.5	7.8	8.7	8.2	7.6
190000	6.1	5.8	6.3	6.3	6.2	6.7	6.8	7.2	7.0	7.7	7.7	7.5	7.7	8.8	8.1	7.6
200000	6.1	5.7	6.4	6.4	6.3	6.8	7.0	7.3	7.1	7.4	7.6	7.5	7.7	8.5	7.9	7.5
210000	6.1	5.6	6.3	6.3	6.3	6.7	6.9	7.3	7.2	7.3	7.5	7.5	7.6	8.2	7.9	7.4
220000	6.0	5.5	6.3	6.3	6.2	6.8	7.0	7.3	7.2	7.1	7.3	7.4	7.5	8.1	7.8	7.4
230000	5.9	5.7	6.2	6.3	6.2	6.7	6.9	7.4	7.1	7.1	7.3	7.4	7.5	7.9	7.7	7.5
Daily Max	6.3	6.0	6.4	6.4	6.3	6.8	7.0	7.4	7.4	7.9	7.7	7.5	7.9	8.8	8.2	8.0
Daily Min	5.9	5.5	5.5	5.9	5.9	6.1	6.2	6.2	6.7	7.0	6.4	6.8	7.4	7.4	7.4	7.1
Average	6.2	5.8	5.8	6.1	6.2	6.4	6.6	6.8	7.1	7.3	7.0	7.2	7.6	8.0	7.8	7.6

Missing data on 8/4 due to equipment change.

License Minimum Dissolved Oxygen: 5.0 mg/l

Potato Rapids Tailwater Dissolved Oxygen Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	7.5	7.0	7.2	7.1	7.0	7.5	8.0	6.6	6.9	6.6	6.3	7.2	7.2	7.6	8.1
10000	7.6	6.9	7.2	7.0	7.0	7.5	8.1	6.6	7.0	6.6	6.4	7.4	7.2	7.5	8.0
20000	7.5	6.9	7.3	6.9	7.0	7.4	8.0	6.6	6.9	6.6	6.3	7.5	7.2	7.6	7.9
30000	7.6	6.8	7.3	6.8	6.9	7.4	7.8	6.7	6.8	6.6	6.4	7.5	7.2	7.6	7.9
40000	7.6	6.8	7.3	6.7	6.9	7.3	7.7	6.6	6.8	6.6	6.4	7.6	7.1	7.5	7.8
50000	7.5	6.8	7.3	6.7	6.9	7.3	7.5	6.5	6.7	6.5	6.3	7.5	7.1	7.5	7.8
60000	7.5	6.7	7.3	6.6	6.9	7.1	7.4	6.5	6.7	6.5	6.4	7.5	7.1	7.4	7.7
70000	7.5	6.7	7.3	6.5	6.9	7.1	7.4	6.4	6.6	6.6	6.5	7.5	7.1	7.4	7.8
80000	7.5	6.7	7.4	6.5	7.0	7.1	7.2	6.5	6.6	6.4	6.4	7.5	7.1	7.4	7.8
90000	7.5	6.8	7.4	6.5	7.1	7.3	7.2	6.5	6.7	6.4	6.5	7.4	7.1	7.5	7.9
100000	7.5	7.0	7.3	6.6	7.1	7.4	7.3	6.5	6.7	6.4	6.5	7.5	7.2	7.5	8.0
110000	7.6	7.2	7.4	6.8	7.3	7.5	7.3	6.6	6.7	6.4	6.7	7.5	7.3	7.7	8.1
120000	7.6	7.2	7.6	6.9	7.4	7.6	7.3	6.7	6.8	6.5	6.7	7.4	7.3	7.8	8.3
130000	7.7	7.3	7.6	7.1	7.4	7.8	7.4	6.9	6.9	6.4	6.9	7.6	7.4	7.9	8.3
140000	7.6	7.3	7.6	7.3	7.6	8.1	7.5	7.0	6.7	6.6	6.9	7.6	7.5	8.0	8.4
150000	7.7	7.3	7.6	7.3	7.7	8.1	7.4	7.1	6.8	6.6	6.9	7.5	7.5	8.1	8.5
160000	7.7	7.4	7.8	7.3	7.7	8.3	7.5	7.2	6.9	6.6	6.8	7.4	7.5	8.2	8.5
170000	7.9	7.3	7.8	7.1	7.6	8.1	7.5	7.2	6.9	6.6	7.1	7.4	7.6	8.4	8.7
180000	7.8	7.2	7.8	7.2	7.5	8.2	7.4	7.3	6.8	6.5	7.1	7.4	7.6	8.4	8.8
190000	7.6	7.3	7.7	7.1	7.5	8.1	7.2	7.4	6.8	6.5	7.0	7.3	7.7	8.3	8.8
200000	7.5	7.4	7.7	7.3	7.6	7.9	7.1	7.3	6.7	6.5	7.0	7.2	7.6	8.3	8.7
210000	7.4	7.3	7.5	7.2	7.6	8.1	7.0	7.3	6.8	6.5	7.0	7.2	7.6	8.2	8.6
220000	7.2	7.3	7.4	7.2	7.6	8.1	6.8	7.2	6.7	6.5	7.0	7.1	7.5	8.0	8.5
230000	7.0	7.3	7.3	7.1	7.6	8.1	6.7	7.0	6.7	6.4	7.1	7.2	7.5	8.0	8.4
Daily Max	7.9	7.4	7.8	7.3	7.7	8.3	8.1	7.4	7.0	6.6	7.1	7.6	7.7	8.4	8.8
Daily Min	7.0	6.7	7.2	6.5	6.9	7.1	6.7	6.4	6.6	6.4	6.3	7.1	7.1	7.4	7.7
Average	7.5	7.1	7.5	7.0	7.3	7.7	7.4	6.8	6.8	6.5	6.7	7.4	7.3	7.8	8.2

Potato Rapids Tailwater Dissolved Oxygen Summary - September 2006

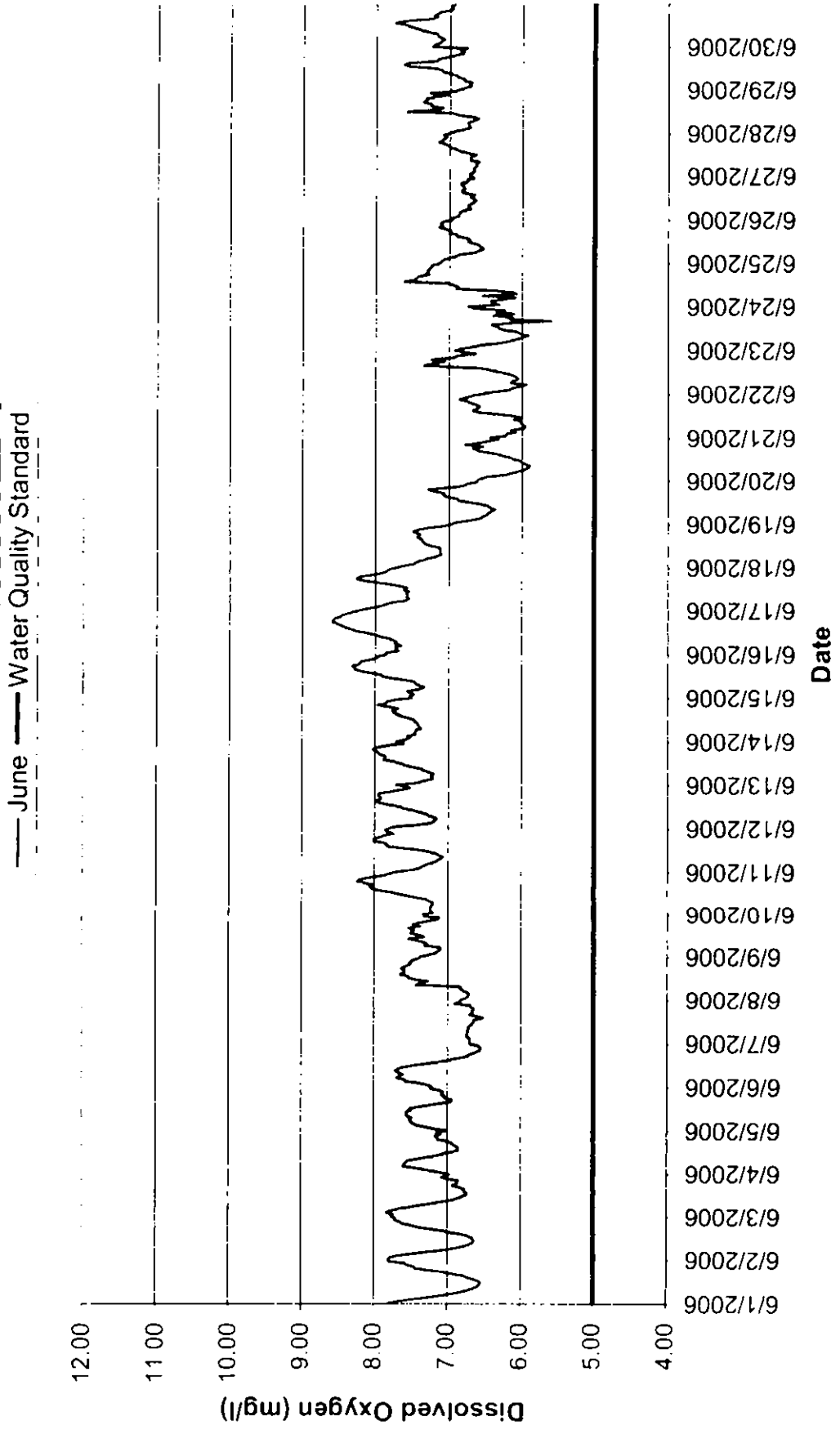
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	8.5	8.1	8.2	8.0	8.0	8.1	7.9	7.4	7.4	8.7	8.8	8.0	8.0	7.9	8.6	8.6
10000	8.4	8.1	8.1	8.0	7.9	8.2	7.8	7.4	7.4	8.7	8.5	8.1	7.9	7.9	8.6	8.7
20000	8.4	8.0	8.1	8.0	7.9	8.1	7.7	7.3	7.4	8.8	9.1	8.0	8.0	8.0	8.6	8.7
30000	8.4	8.0	8.1	7.9	7.9	8.1	7.7	7.3	7.3	8.9	9.2	8.0	7.9	8.0	8.7	8.6
40000	8.3	7.9	8.0	8.0	7.9	8.1	7.6	7.3	7.2	8.8	9.1	8.0	7.9	8.0	8.7	8.7
50000	8.3	7.9	8.0	8.0	8.0	8.0	7.5	7.3	7.2	8.8	9.2	8.0	7.9	8.0	8.8	8.7
60000	8.3	7.9	7.9	7.9	8.0	8.0	7.5	7.3	7.1	8.9	9.3	8.0	7.9	8.1	8.8	8.7
70000	8.2	7.9	7.9	7.9	8.0	8.0	7.5	7.3	7.1	8.9	8.9	8.1	7.8	8.1	8.8	8.7
80000	8.3	8.0	8.0	7.9	8.0	7.9	7.6	7.3	7.1	8.9	9.2	8.0	7.9	8.1	8.9	8.8
90000	8.3	8.0	7.9	8.0	8.0	7.9	7.5	7.4	7.2	9.1	9.3	8.0	7.9	8.2	8.9	8.7
100000	8.4	8.1	8.0	8.1	8.1	8.0	7.6	7.5	7.4	7.7	9.3	8.0	7.9	8.2	8.9	8.7
110000	8.7	8.2	8.2	8.2	8.2	8.0	7.7	7.7	7.5	8.2	8.9	8.0	8.0	8.3	8.9	8.7
120000	8.7	8.3	8.4	8.3	8.3	8.2	7.8	7.9	8.4	8.4	8.6	8.0	8.0	8.4	9.0	8.8
130000	8.8	8.4	8.4	8.5	8.4	8.2	8.0	8.1	8.7	8.2	7.9	8.2	7.9	8.4	9.0	8.8
140000	8.4	8.4	8.4	8.6	8.6	8.3	8.1	8.3	8.9	8.3	8.0	8.1	8.0	8.5	9.0	8.9
150000	8.4	8.5	8.6	8.6	8.7	8.3	8.0	8.3	8.8	8.5	8.1	8.1	8.0	8.5	9.0	8.9
160000	8.4	8.6	8.7	8.7	8.8	8.4	7.9	8.2	8.7	8.5	8.1	8.2	7.9	8.4	9.0	8.9
170000	8.6	8.6	8.6	8.7	8.8	8.4	7.7	8.1	8.8	8.7	8.1	8.2	8.0	8.3	8.9	8.9
180000	8.5	8.6	8.6	8.6	8.6	8.5	7.5	8.1	8.7	9.2	8.1	8.1	7.9	8.4	8.8	8.8
190000	8.6	8.6	8.5	8.6	8.6	8.5	7.5	8.0	8.9	8.4	8.1	8.1	7.9	8.3	8.8	8.8
200000	8.4	8.5	8.3	8.4	8.5	8.4	7.5	7.8	8.2	8.4	8.1	8.1	7.8	8.3	8.8	8.7
210000	8.3	8.3	8.3	8.4	8.4	8.4	7.6	7.7	8.5	8.2	8.1	8.1	7.9	8.4	8.8	8.6
220000	8.2	8.2	8.1	8.2	8.1	8.3	7.5	7.6	8.7	9.0	8.1	8.0	8.0	8.3	8.8	8.6
230000	8.2	8.2	8.1	8.0	8.1	8.1	7.4	7.5	8.8	8.3	8.1	8.0	8.0	8.5	8.7	8.3
Daily Max	8.8	8.6	8.7	8.7	8.8	8.5	8.1	8.3	8.9	9.2	9.3	8.2	8.0	8.5	9.0	8.9
Daily Min	8.2	7.9	7.9	7.9	7.9	7.9	7.4	7.3	7.1	7.7	7.9	8.0	7.8	7.9	8.6	8.3
Average	8.4	8.2	8.2	8.2	8.2	8.2	7.7	7.7	8.0	8.6	8.6	8.1	7.9	8.2	8.8	8.7

License Minimum Dissolved Oxygen: 5.0 mg/l

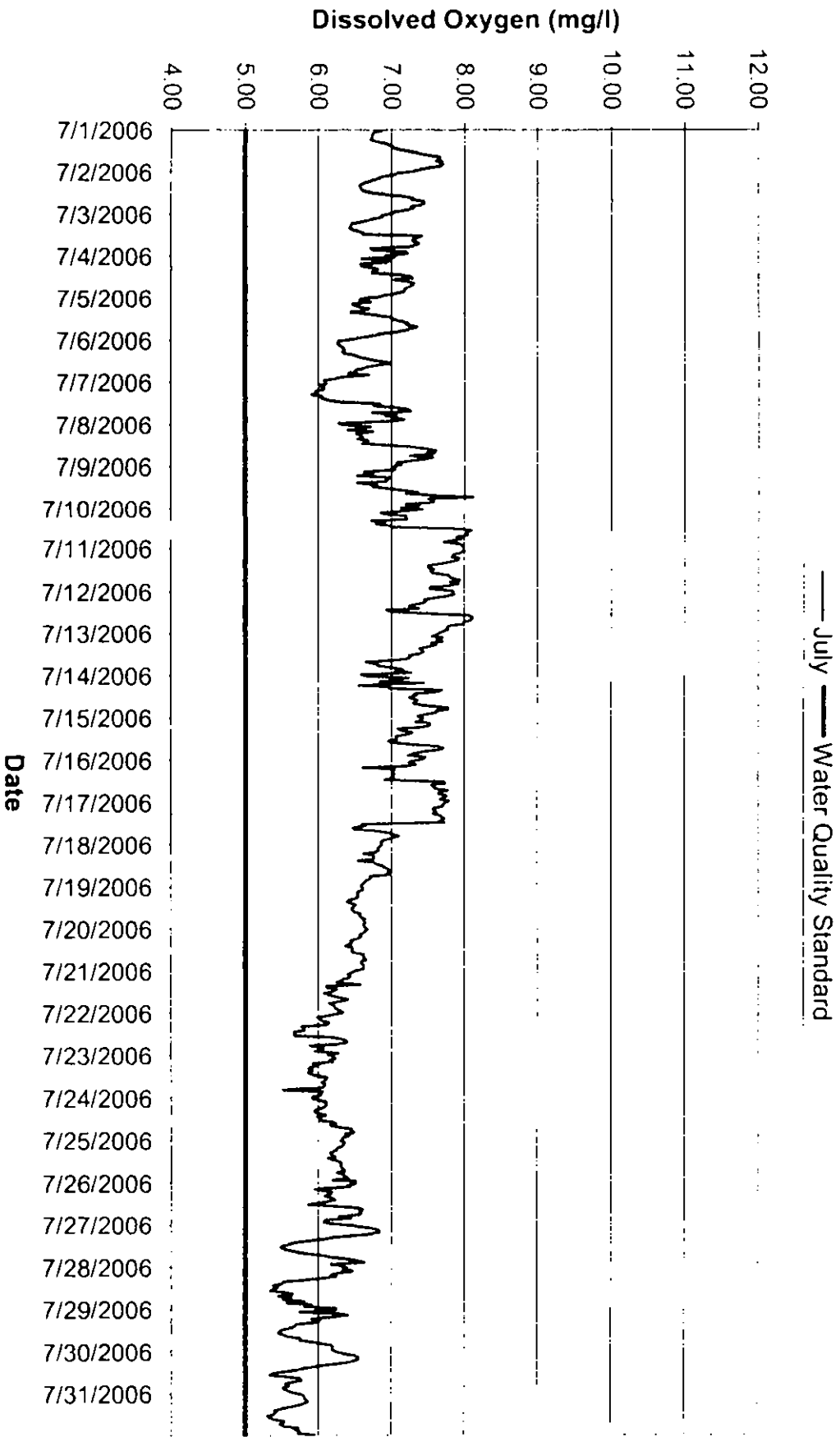
Potlato Rapids Tailwater Dissolved Oxygen Summary - September 2006

Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	8.4	8.3	8.1	8.5	8.4	8.7	8.7	8.3	8.3	8.3	8.7	8.6	8.7	8.8
10000	8.5	8.4	8.0	8.0	8.8	8.6	8.7	8.2	8.3	8.3	8.7	8.6	8.8	8.8
20000	8.5	8.4	8.0	8.3	8.6	8.7	8.7	8.2	8.2	8.3	8.7	8.6	8.8	8.9
30000	8.5	8.3	8.0	8.3	8.8	8.7	8.6	8.1	8.2	8.4	8.7	8.6	8.7	8.9
40000	8.4	8.3	8.0	8.3	8.8	8.7	8.5	8.1	8.2	8.5	8.8	8.6	8.7	8.9
50000	8.4	8.2	7.9	8.2	8.8	8.7	8.5	8.1	8.2	8.6	8.8	8.5	8.7	8.8
60000	8.4	8.2	7.8	8.2	8.9	8.7	8.5	8.1	8.2	8.7	8.8	8.4	8.6	8.8
70000	8.4	8.2	7.9	8.2	8.9	8.7	8.4	8.1	8.2	8.7	8.9	8.3	8.6	8.7
80000	8.4	8.2	8.0	8.1	8.8	8.7	8.4	8.1	8.3	8.7	8.8	8.3	8.5	8.7
90000	8.5	8.3	8.1	8.1	8.9	8.7	8.5	8.1	8.3	8.7	8.8	8.3	8.5	8.7
100000	8.5	8.3	8.2	8.2	9.0	8.8	8.5	8.2	8.4	8.7	8.8	8.3	8.6	8.8
110000	8.6	8.5	8.3	8.2	9.1	8.7	8.4	8.4	8.5	8.7	8.7	8.4	8.6	8.8
120000	8.6	8.6	8.5	8.3	8.4	8.7	8.4	8.4	8.6	8.7	8.8	8.4	8.7	8.8
130000	8.7	8.7	8.6	8.4	8.5	8.8	8.4	8.5	8.7	8.8	8.7	8.4	8.7	8.8
140000	8.7	8.8	8.6	8.7	8.5	8.9	8.5	8.6	8.7	8.9	8.7	8.4	8.7	8.9
150000	8.7	8.9	8.7	8.6	8.6	8.9	8.4	8.6	8.7	8.9	8.6	8.4	8.7	8.9
160000	8.7	8.9	8.7	8.7	8.6	8.9	8.4	8.6	8.7	8.8	8.6	8.4	8.7	8.9
170000	8.6	8.9	8.7	8.7	8.7	8.9	8.3	8.6	8.7	8.8	8.6	8.4	8.7	8.8
180000	8.6	8.7	8.5	8.7	8.7	8.9	8.2	8.6	8.6	8.7	8.6	8.4	8.7	8.8
190000	8.5	8.4	8.5	8.7	8.7	8.9	8.2	8.5	8.5	8.6	8.5	8.4	8.6	8.8
200000	8.4	8.3	8.5	8.6	8.7	8.9	8.3	8.4	8.4	8.6	8.6	8.5	8.6	8.8
210000	8.5	8.2	8.5	8.6	8.7	8.9	8.2	8.4	8.3	8.5	8.6	8.5	8.7	8.7
220000	8.5	8.2	8.5	8.8	8.7	8.8	8.2	8.3	8.3	8.6	8.6	8.6	8.7	8.7
230000	8.5	8.1	8.5	8.7	8.6	8.7	8.2	8.3	8.3	8.7	8.6	8.6	8.8	8.7
Daily Max	8.7	8.9	8.7	8.8	9.1	8.9	8.7	8.6	8.7	8.9	8.9	8.6	8.8	8.9
Daily Min	8.4	8.1	7.8	8.0	8.4	8.6	8.2	8.1	8.2	8.3	8.5	8.3	8.5	8.7
Average	8.5	8.4	8.3	8.4	8.7	8.8	8.4	8.3	8.4	8.6	8.7	8.4	8.7	8.8

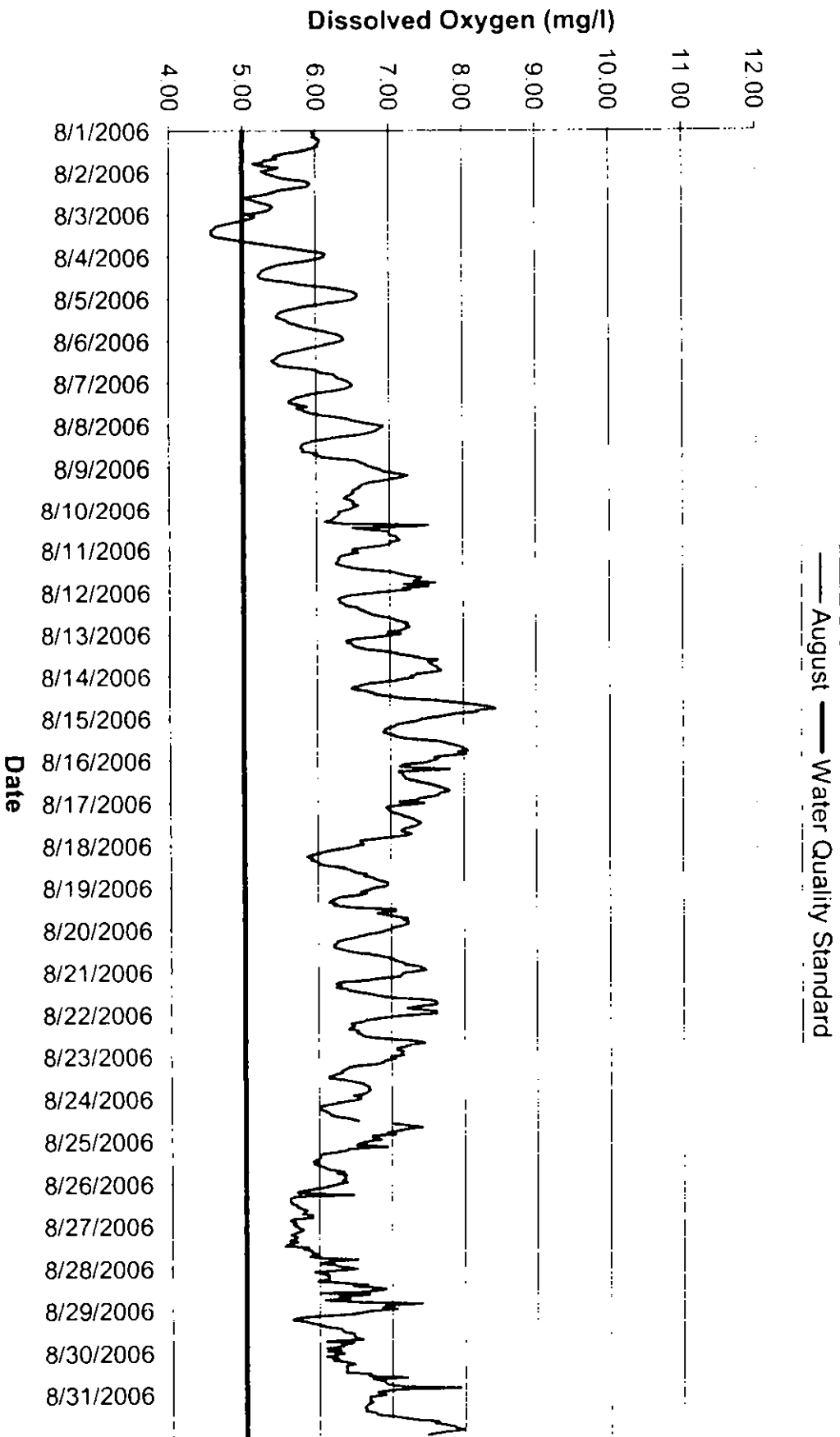
Peshtigo Tailwater Dissolved Oxygen - June 2006



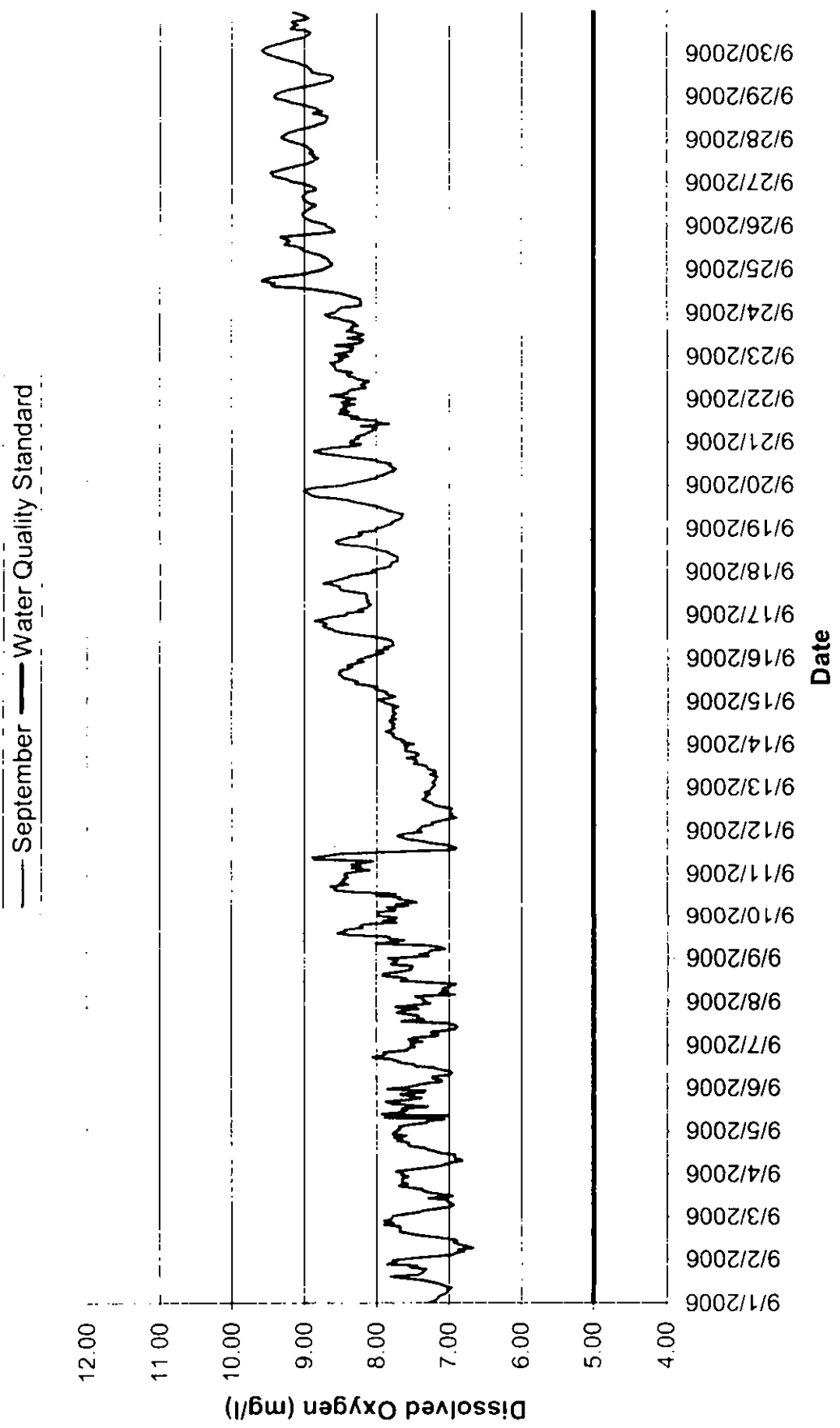
Peshigo Tailwater Dissolved Oxygen - July 2006



Peshigo Tailwater Dissolved Oxygen - August 2006



Peshtigo Tailwater Dissolved Oxygen - September 2006



Peshigo Tailwater Dissolved Oxygen Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7.8	7.8	7.0	7.0	7.2	6.7	6.8	7.4	7.3	7.7	7.8	7.7	7.7	7.5	7.8
10000	7.7	7.8	7.7	7.2	7.2	7.3	6.7	6.8	7.3	7.2	7.5	7.7	7.4	7.6	7.5	7.9
20000	7.5	7.7	7.8	7.3	7.3	7.4	6.7	6.7	7.2	7.2	7.4	7.4	7.3	7.5	7.5	7.7
30000	7.3	7.5	7.8	7.4	7.4	7.6	6.7	6.7	7.1	7.2	7.3	7.2	7.2	7.6	7.5	7.7
40000	7.1	7.3	7.7	7.6	7.5	7.6	6.7	6.7	7.1	7.2	7.3	7.2	7.2	7.4	7.6	7.7
50000	7.0	7.1	7.5	7.6	7.5	7.7	6.7	6.7	7.1	7.2	7.2	7.2	7.2	7.5	7.4	7.6
60000	6.8	6.9	7.4	7.6	7.5	7.6	6.7	6.8	7.3	7.2	7.2	7.2	7.2	7.4	7.3	7.7
70000	6.7	6.8	7.2	7.5	7.5	7.6	6.7	6.8	7.3	7.2	7.1	7.3	7.3	7.4	7.4	7.7
80000	6.7	6.7	7.1	7.4	7.5	7.6	6.7	6.8	7.3	7.3	7.1	7.3	7.3	7.4	7.4	7.8
90000	6.6	6.7	6.9	7.3	7.6	7.7	6.7	7.4	7.4	7.3	7.1	7.4	7.4	7.4	7.5	7.8
100000	6.6	6.6	6.9	7.1	7.6	7.7	6.7	7.4	7.5	7.4	7.2	7.5	7.5	7.4	7.6	7.9
110000	6.5	6.6	6.8	7.1	7.5	7.6	6.7	7.3	7.3	7.5	7.3	7.6	7.6	7.5	7.8	8.0
120000	6.6	6.7	6.7	6.9	7.5	7.5	6.6	7.4	7.4	7.7	7.4	7.7	7.7	7.5	7.9	8.1
130000	6.6	6.7	6.7	6.9	7.4	7.3	6.6	7.5	7.5	7.8	7.6	7.8	7.7	7.6	7.9	8.3
140000	6.7	6.8	6.8	6.9	7.2	7.1	6.5	7.5	7.5	7.9	7.8	7.9	7.9	7.7	8.1	8.3
150000	6.8	7.0	6.8	6.9	7.1	7.0	6.6	7.6	7.5	8.0	7.8	8.0	7.9	7.7	8.2	8.4
160000	6.9	7.1	6.8	6.9	6.9	6.9	6.7	7.6	7.5	8.1	7.9	7.9	7.9	7.7	8.3	8.5
170000	7.1	7.3	6.9	6.9	7.0	6.7	6.7	7.6	7.4	8.0	8.0	7.9	7.9	7.8	8.3	8.5
180000	7.3	7.4	6.9	7.0	7.0	6.7	6.7	7.6	7.5	8.1	8.0	8.0	8.0	7.7	8.3	8.6
190000	7.4	7.5	6.9	7.1	7.0	6.6	6.6	7.6	7.4	8.2	7.9	7.9	8.0	7.8	8.2	8.6
200000	7.4	7.6	6.9	7.1	7.1	6.6	6.7	7.5	7.3	8.2	7.9	7.8	8.0	8.0	8.2	8.6
210000	7.5	7.6	7.0	7.2	7.1	6.6	6.7	7.5	7.1	8.0	7.7	7.7	8.0	7.9	8.1	8.5
220000	7.6	7.7	7.1	7.1	7.1	6.5	6.9	7.5	7.1	7.9	7.8	7.5	7.8	7.8	8.0	8.4
230000	7.8	7.7	7.0	7.2	7.2	6.6	6.8	7.4	7.3	7.8	7.9	7.6	7.6	7.7	8.0	8.3
Daily Max	7.8	7.8	7.8	7.6	7.6	7.7	6.9	7.6	7.5	8.2	8.0	8.0	8.0	8.0	8.3	8.6
Daily Min	6.5	6.6	6.7	6.9	6.9	6.5	6.5	6.7	7.1	7.2	7.1	7.2	7.2	7.4	7.3	7.6
Average	7.1	7.2	7.1	7.2	7.3	7.2	6.7	7.2	7.3	7.6	7.5	7.6	7.6	7.6	7.8	8.1

License Minimum DO: 5.0 mg/l

Peshigo Tailwater Dissolved Oxygen Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	8.3	7.7	7.0	6.6	6.4	6.5	6.9	6.7	7.1	7.0	6.7	7.0	6.9	7.2
10000	8.2	7.6	6.9	6.6	6.2	6.4	6.8	6.3	7.1	7.0	6.7	6.9	6.8	7.2
20000	8.0	7.5	6.7	6.5	6.2	6.2	6.7	6.4	7.1	6.9	6.7	6.8	6.7	7.1
30000	7.9	7.4	6.6	6.2	6.1	6.1	6.5	6.4	7.0	6.9	6.7	6.7	6.7	7.1
40000	7.9	7.4	6.5	6.2	6.2	6.0	6.3	6.3	6.9	6.8	6.7	6.7	6.7	7.1
50000	7.8	7.3	6.5	6.1	6.0	5.9	6.2	6.1	6.9	6.8	6.6	6.8	6.8	7.2
60000	7.6	7.2	6.5	6.0	6.2	6.1	6.1	6.5	6.6	6.7	6.6	6.8	6.9	7.2
70000	7.5	7.1	6.4	5.9	6.0	6.1	6.0	6.1	6.6	6.7	6.6	6.7	6.9	7.2
80000	7.6	7.1	6.4	5.9	6.0	6.1	5.9	6.1	6.5	6.8	6.6	6.6	6.9	7.3
90000	7.6	7.1	6.4	6.0	6.0	6.1	6.0	6.4	6.6	6.7	6.7	6.7	7.0	7.4
100000	7.6	7.1	6.5	6.0	6.1	6.1	6.1	6.9	6.6	6.7	6.7	6.9	7.1	7.5
110000	7.5	7.1	6.6	6.0	6.0	6.2	6.2	6.9	6.6	6.6	6.7	6.9	7.1	7.5
120000	7.6	7.2	6.7	6.1	6.1	6.3	6.3	6.9	6.7	6.7	6.6	7.6	7.2	7.6
130000	7.6	7.3	6.9	6.2	6.3	6.4	6.3	7.0	6.7	6.7	6.8	7.1	7.5	7.7
140000	7.7	7.3	6.9	6.3	6.6	6.5	6.4	7.6	6.8	6.7	6.9	7.1	7.6	7.6
150000	7.8	7.4	7.0	6.4	6.7	7.0	6.2	7.5	6.9	6.8	6.9	7.3	7.6	7.3
160000	8.0	7.4	7.1	6.5	6.6	7.3	5.6	7.4	6.9	6.8	7.0	7.3	7.2	7.2
170000	8.1	7.4	7.1	6.6	6.6	7.2	6.2	7.4	7.0	6.8	7.0	7.4	7.2	7.2
180000	8.3	7.4	7.2	6.7	6.6	7.1	6.1	7.3	7.0	6.8	7.1	7.3	7.1	7.2
190000	8.2	7.4	7.3	6.5	6.7	7.2	6.4	7.3	7.0	6.8	7.2	7.3	6.9	7.1
200000	8.1	7.5	7.0	6.8	6.8	6.9	6.1	7.3	7.1	6.9	7.1	7.2	6.8	7.0
210000	7.9	7.4	6.8	6.6	6.9	6.9	6.4	7.3	7.1	6.8	7.1	7.0	6.8	7.0
220000	7.8	7.3	6.8	6.5	6.8	6.6	6.2	7.3	7.1	6.8	7.0	7.3	6.9	7.0
230000	7.8	7.1	6.6	6.3	6.7	6.8	6.7	7.2	7.1	6.7	7.1	6.9	6.8	6.9
Daily Max	8.3	7.7	7.3	6.8	6.9	7.3	6.9	7.6	7.1	7.0	7.2	7.6	7.6	7.7
Daily Min	7.5	7.1	6.4	5.9	6.0	5.9	5.6	6.1	6.5	6.6	6.6	6.6	6.7	6.9
Average	7.8	7.3	6.8	6.3	6.4	6.5	6.3	6.9	6.9	6.8	6.8	7.0	7.0	7.2

Peshtigo Tailwater Dissolved Oxygen Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HI:MMSS	07:01:06	07:02:06	07:03:06	07:04:06	07:05:06	07:06:06	07:07:06	07:08:06	07:09:06	07:10:06	07:11:06	07:12:06	07:13:06	07:14:06	07:15:06	07:16:06
0	6.9	7.1	6.9	7.0	6.6	6.3	6.1	6.3	7.0	7.4	8.0	7.8	7.6	6.7	7.4	7.3
10000	6.8	7.0	6.9	6.6	6.6	6.3	6.1	6.7	7.0	7.2	8.0	7.9	7.5	7.2	7.4	7.2
20000	6.7	6.9	6.8	7.0	6.7	6.3	6.0	6.6	7.0	6.9	7.9	7.7	7.7	7.1	7.3	7.3
30000	6.7	6.8	6.7	6.9	6.5	6.3	6.1	6.4	6.6	7.0	7.9	7.6	7.6	6.8	7.5	7.2
40000	6.7	6.8	6.6	6.6	6.5	6.3	6.1	6.7	6.7	7.2	7.8	7.4	7.7	7.4	7.5	6.6
50000	6.7	6.7	6.5	6.6	6.6	6.4	6.0	6.5	6.5	7.2	7.9	7.5	7.5	6.5	7.4	7.0
60000	6.8	6.6	6.4	6.7	6.7	6.3	6.0	6.6	7.0	7.2	7.9	7.4	7.6	6.9	7.1	7.0
70000	6.9	6.6	6.4	6.8	6.6	6.3	5.9	6.6	6.9	6.7	7.8	7.3	7.5	7.0	7.2	7.0
80000	7.0	6.6	6.4	6.7	6.4	6.5	6.1	6.5	6.9	6.9	7.6	7.2	7.4	7.7	7.3	7.0
90000	7.0	6.6	6.5	6.7	6.7	6.5	6.0	6.7	6.5	6.8	7.5	7.4	7.4	7.6	7.2	7.0
100000	7.1	6.6	6.6	7.1	6.9	6.6	6.2	6.7	6.8	7.0	7.5	6.9	7.4	7.3	7.1	7.0
110000	7.2	6.7	6.6	7.3	7.0	6.8	6.3	6.6	6.7	7.0	7.6	7.0	7.4	7.3	7.1	6.9
120000	7.3	6.9	7.4	7.3	7.0	6.9	6.8	7.0	6.9	8.0	7.5	7.6	7.2	7.2	7.1	7.7
130000	7.4	7.1	7.3	7.0	7.1	7.0	6.8	7.3	7.2	8.1	7.6	8.0	7.2	7.3	7.0	7.7
140000	7.5	7.3	7.3	7.2	7.2	6.8	7.0	7.5	7.4	8.0	7.8	8.1	7.2	7.4	7.1	7.5
150000	7.7	7.3	7.3	7.3	7.2	6.7	7.2	7.6	7.2	8.0	7.8	8.1	7.0	7.3	7.3	7.6
160000	7.7	7.4	7.4	7.3	7.3	6.6	7.3	7.5	7.7	8.0	7.8	8.1	6.7	7.3	7.6	7.6
170000	7.6	7.5	7.3	7.2	7.3	6.5	6.7	7.6	8.1	7.9	7.9	8.0	6.8	7.5	7.7	7.8
180000	7.7	7.4	7.3	7.2	7.2	6.5	7.1	7.2	7.5	8.0	7.8	8.0	6.8	7.8	7.6	7.7
190000	7.7	7.3	6.7	7.2	7.0	6.4	6.9	7.6	7.6	7.9	7.9	7.8	7.0	7.8	7.4	7.6
200000	7.7	7.3	6.8	7.2	6.8	6.7	7.1	7.5	7.6	7.7	7.8	7.8	7.2	7.6	7.3	7.8
210000	7.5	7.2	7.2	7.1	6.8	6.3	7.2	7.2	7.2	7.9	7.5	7.8	7.0	7.6	7.2	7.7
220000	7.4	7.1	7.2	6.9	6.6	6.2	7.0	7.1	7.4	8.0	7.5	7.7	7.3	7.4	7.5	7.7
230000	7.3	7.0	6.9	6.8	6.5	6.1	6.3	7.1	7.1	8.0	7.8	7.7	6.6	7.4	7.4	7.8
Daily Max	7.7	7.5	7.4	7.3	7.3	7.0	7.3	7.6	8.1	8.1	8.0	8.1	7.7	7.8	7.7	7.8
Daily Min	6.7	6.6	6.4	6.6	6.4	6.1	5.9	6.3	6.5	6.7	7.5	6.9	6.6	6.5	7.0	6.6
Average	7.2	7.0	6.9	7.0	6.8	6.5	6.5	7.0	7.1	7.5	7.8	7.7	7.3	7.3	7.3	7.4

License Minimum Dissolved Oxygen: 5.0 mg/l

Peshigo Tailwater Dissolved Oxygen Summary - July 2006

Time HHMMSS	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	7.7	6.9	6.6	6.7	6.5	6.2	6.2	5.9	6.3	6.5	6.4	6.4	6.2	6.3	5.8
10000	7.7	6.8	6.6	6.6	6.4	6.1	6.2	6.0	6.4	6.4	6.6	6.3	5.7	6.4	5.8
20000	7.7	6.8	6.6	6.6	6.4	6.0	6.2	6.1	6.3	6.4	6.8	6.5	6.3	6.5	5.8
30000	7.6	6.8	6.5	6.6	6.4	6.0	6.2	6.1	6.3	5.9	6.8	6.2	6.4	6.5	5.8
40000	7.6	6.8	6.5	6.6	6.3	6.1	5.9	6.1	6.3	6.1	6.8	6.2	6.2	6.5	5.9
50000	7.6	6.6	6.5	6.5	6.3	6.1	6.0	6.1	6.3	6.2	6.7	6.3	5.9	6.5	5.8
60000	7.6	6.8	6.5	6.4	6.3	6.1	5.9	6.0	6.2	6.2	6.5	6.0	6.0	6.4	5.7
70000	7.7	6.8	6.4	6.5	6.6	5.8	5.9	5.9	6.2	6.1	6.2	5.8	6.0	6.2	5.6
80000	7.7	6.8	6.4	6.4	6.1	5.8	5.9	6.0	6.2	6.2	6.0	5.5	5.7	6.0	5.5
90000	7.7	6.5	6.4	6.4	6.1	5.8	5.9	6.1	6.2	6.2	5.8	5.5	5.7	5.8	5.4
100000	7.6	6.8	6.5	6.5	6.3	5.7	5.9	6.0	6.1	6.1	5.6	5.4	5.6	5.7	5.4
110000	7.7	6.8	6.5	6.5	6.2	5.7	6.0	6.0	6.2	6.0	5.6	5.5	5.5	5.6	5.4
120000	6.6	6.9	6.5	6.5	6.1	5.7	6.1	6.0	6.3	5.9	5.5	5.4	5.5	5.4	5.3
130000	6.6	6.9	6.5	6.5	6.1	6.2	6.1	6.2	6.3	6.3	5.5	5.3	5.5	5.3	5.3
140000	6.5	7.0	6.5	6.6	6.2	6.3	6.1	6.2	6.3	6.5	5.6	5.5	5.5	5.6	5.4
150000	6.5	7.0	6.6	6.6	6.3	6.4	6.0	6.2	6.3	6.6	5.7	5.7	5.6	5.7	5.5
160000	6.8	6.9	6.6	6.6	6.4	6.4	6.1	6.3	6.3	6.6	5.8	5.5	5.7	5.8	5.5
170000	7.0	7.0	6.6	6.7	6.3	6.3	6.1	6.5	6.4	6.6	6.1	5.6	5.8	5.6	5.5
180000	7.0	6.7	6.6	6.6	6.1	5.9	6.0	6.4	6.3	6.6	6.2	5.5	5.9	5.6	5.5
190000	7.1	6.7	6.6	6.6	6.2	6.1	5.5	6.5	6.3	6.3	6.3	5.8	6.0	5.6	5.7
200000	7.0	6.7	6.6	6.6	6.2	6.1	6.1	6.4	6.4	6.4	6.5	5.6	6.2	5.5	5.7
210000	6.9	6.6	6.6	6.6	6.2	6.0	6.0	6.4	6.4	6.1	6.6	5.9	6.2	5.5	5.8
220000	6.9	6.6	6.6	6.6	6.3	6.3	6.0	6.3	6.2	6.1	6.2	5.8	6.2	5.6	5.7
230000	6.9	6.6	6.7	6.5	6.3	6.1	5.9	6.3	6.5	6.2	6.3	6.2	6.2	5.7	5.9
Daily Max	7.7	7.0	6.7	6.7	6.6	6.4	6.2	6.5	6.5	6.6	6.8	6.5	6.4	6.5	5.9
Daily Min	6.5	6.5	6.4	6.4	6.1	5.7	5.5	5.9	6.1	5.9	5.5	5.3	5.5	5.3	5.3
Average	7.2	6.8	6.5	6.5	6.3	6.0	6.0	6.2	6.3	6.3	6.2	5.8	5.9	5.9	5.6

Peshtigo Tailwater Dissolved Oxygen Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	08:01:06	08:02:06	08:03:06	08:04:06	08:05:06	08:06:06	08:07:06	08:08:06	08:09:06	08:10:06	08:11:06	08:12:06	08:13:06	08:14:06	08:15:06	08:16:06
C	6.0	5.4	5.2	6.1	6.5	6.3	6.5	6.9	6.8	6.4	6.5	6.7	7.0	7.3	7.4	7.6
10000	6.0	5.4	5.2	5.9	6.3	6.2	6.5	6.9	6.9	6.3	6.6	6.5	6.8	7.2	7.4	7.5
20000	6.0	5.5	5.1	5.8	6.2	6.1	6.5	6.8	6.9	6.3	6.4	6.3	6.5	7.0	7.2	7.2
30000	6.0	5.7	4.9	5.6	6.0	6.0	6.4	6.8	7.1	6.3	6.3	6.3	6.4	6.8	7.1	7.1
40000	6.0	5.9	4.8	5.5	5.8	5.9	6.3	6.7	7.3	6.3	6.3	6.3	6.4	6.6	7.0	7.3
50000	6.1	5.9	4.8	5.4	5.7	5.8	6.1	6.6	7.2	6.2	6.3	6.3	6.5	6.6	7.0	7.8
60000	6.0	5.9	4.6	5.3	5.6	5.7	6.0	6.4	7.0	6.2	6.3	6.4	6.5	6.5	6.9	7.1
70000	6.0	5.9	4.6	5.3	5.5	5.5	5.8	6.2	6.9	6.1	6.3	6.4	6.6	6.5	6.9	7.2
80000	6.0	5.7	4.6	5.3	5.5	5.5	5.7	6.1	6.7	6.3	6.3	6.5	6.7	6.7	6.9	7.2
90000	6.0	5.5	4.6	5.2	5.5	5.5	5.7	5.9	6.6	7.5	6.4	6.6	6.9	6.8	7.0	7.2
100000	5.9	5.4	4.6	5.2	5.5	5.4	5.6	5.9	6.6	7.4	6.6	6.6	7.1	6.8	7.1	7.2
110000	5.8	5.4	4.6	5.2	5.5	5.4	5.6	5.8	6.6	6.5	6.8	6.7	7.2	7.0	7.2	7.3
120000	5.6	5.2	4.6	5.3	5.6	5.4	5.7	5.8	6.5	6.7	7.1	6.8	7.2	7.2	7.4	7.4
130000	5.4	5.1	4.8	5.4	5.6	5.5	5.9	5.8	6.5	7.0	7.2	6.9	7.4	7.5	7.7	7.5
140000	5.4	5.1	4.9	5.6	5.7	5.5	5.7	5.8	6.5	7.0	7.2	7.0	7.6	7.8	7.8	7.6
150000	5.5	5.2	5.1	5.7	5.8	5.7	5.8	5.8	6.5	7.0	7.4	7.1	7.5	8.0	7.9	7.7
160000	5.3	5.2	5.3	5.9	5.9	5.9	5.9	6.0	6.4	7.1	7.4	7.2	7.5	8.2	8.0	7.8
170000	5.3	5.3	5.4	6.2	6.0	6.0	5.9	6.0	6.4	7.1	7.3	7.2	7.6	8.3	8.0	7.8
180000	5.2	5.4	5.6	6.3	6.1	6.1	6.1	6.1	6.5	7.1	7.6	7.2	7.6	8.4	8.1	7.7
190000	5.3	5.4	5.8	6.4	6.2	6.2	6.2	6.2	6.5	7.0	7.2	7.3	7.7	8.2	7.9	7.7
200000	5.5	5.4	5.9	6.5	6.3	6.3	6.4	6.5	6.5	7.0	7.5	7.2	7.7	8.2	8.0	7.6
210000	5.4	5.3	6.1	6.6	6.3	6.3	6.5	6.6	6.6	6.9	7.2	7.1	7.6	7.9	7.8	7.4
220000	5.3	5.2	6.1	6.6	6.4	6.4	6.6	6.7	6.5	6.7	7.3	7.0	7.4	7.7	7.6	7.3
230000	5.3	5.0	6.1	6.5	6.4	6.4	6.7	6.7	6.5	6.5	6.9	7.2	7.3	7.6	7.6	7.1
Daily Max	6.1	5.9	6.1	6.6	6.5	6.4	6.7	6.9	7.3	7.5	7.6	7.3	7.7	8.4	8.1	7.8
Daily Min	5.2	5.0	4.6	5.2	5.5	5.4	5.6	5.8	6.4	6.1	6.3	6.3	6.4	6.5	6.9	7.1
Average	5.7	5.4	5.1	5.8	5.9	5.9	6.1	6.3	6.7	6.7	6.8	6.8	7.1	7.4	7.5	7.4

License Minimum Dissolved Oxygen: 5.0 mg/l

Peshtgo Tailwater Dissolved Oxygen Summary - August 2006

Time HHMMSS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	7.4	6.5	6.8	6.9	7.2	7.3	7.0	6.6	6.7	6.2	5.7	6.5	6.7	6.3	6.9
10000	7.1	6.4	6.7	6.8	7.1	7.0	7.0	6.4	6.6	6.2	5.7	6.3	6.5	6.2	6.7
20000	6.9	6.2	6.6	6.7	7.1	6.8	6.9	6.3	6.5	6.1	5.8	5.9	6.4	6.1	6.7
30000	7.0	6.1	6.7	6.6	6.8	6.6	6.9	6.1	6.9	5.9	5.7	6.1	6.0	6.2	6.7
40000	7.0	6.0	6.5	6.5	6.6	6.6	6.8	6.0	6.4	5.7	5.7	6.1	5.7	6.2	6.7
50000	7.0	5.9	6.3	6.4	6.3	6.4	6.5	6.0	6.3	5.7	5.6	6.1	5.6	6.4	6.7
60000	7.1	5.8	6.2	6.3	6.2	6.5	6.4	6.0	6.2	6.5	5.7	6.1	5.6	6.4	6.7
70000	7.2	5.9	6.2	6.2	6.3	6.5	6.4	6.1	6.1	5.7	5.7	6.0	5.9	6.3	6.6
80000	7.3	5.9	6.1	6.2	6.2	6.4	6.3	6.1	6.0	5.6	5.6	6.2	6.0	6.4	6.6
90000	7.3	6.0	6.2	6.2	6.4	6.5	6.3	6.2	6.0	5.6	5.7	6.6	6.1	6.4	6.6
100000	7.4	6.0	6.2	6.3	6.4	6.5	6.2	6.3	6.0	5.6	5.6	6.5	6.3	6.4	6.8
110000	7.4	6.1	6.5	6.4	6.6	6.6	6.1	6.4	5.9	5.6	5.5	6.8	6.3	6.3	6.8
120000	7.4	6.3	7.0	6.5	6.7	6.6	6.1	6.5	6.0	5.7	5.9	6.9	6.3	6.7	7.0
130000	7.3	6.4	7.1	6.7	6.8	6.7	6.3		5.9	5.7	5.8	6.6	6.5	6.7	7.1
140000	7.2	6.4	6.8	6.8	7.0	7.0	6.5	7.0	6.0	5.8	5.9	6.0	6.5	7.2	7.4
150000	7.1	6.5	6.9	6.9	7.4	7.3	6.6	7.2	6.1	5.8	5.9	6.7	6.5	6.7	7.6
160000	7.2	6.7	7.0	7.0	7.6	7.5	6.6	7.4	6.1	5.8	6.0	6.3	6.6	6.9	7.6
170000	7.3	6.6	7.2	7.0	7.6	7.3	6.7	7.2	6.3	5.8	5.9	6.4	6.1	6.9	7.7
180000	7.2	6.7	7.2	7.1	7.6	7.2	6.7	7.1	6.2	5.9	6.1	6.1	6.5	6.9	7.9
190000	7.0	6.8	7.2	7.2	7.4	7.1	6.7	6.9	6.4	5.9	6.5	6.5	6.3	7.2	7.9
200000	6.7	6.9	7.2	7.4	7.2	7.1	6.6	7.0	6.3	5.6	6.1	7.4	6.3	7.9	8.0
210000	6.6	6.9	7.2	7.4	7.4	7.2	6.6	6.7	6.4	5.6	6.0	6.9	6.1	7.1	7.7
220000	6.6	7.0	7.1	7.5	7.6	7.1	6.5	6.7	6.3	5.7	6.2	6.9	6.3	6.8	7.6
230000	6.6	6.9	7.0	7.3	7.6	7.2	6.6	6.8	6.4	5.6	6.3	7.1	6.1	6.8	7.5
Daily Max	7.4	7.0	7.2	7.5	7.6	7.5	7.0	7.4	6.9	6.5	6.5	7.4	6.7	7.9	8.0
Daily Min	6.6	5.8	6.1	6.2	6.2	6.4	6.1	6.0	5.9	5.6	5.5	5.9	5.6	6.1	6.6
Average	7.1	6.4	6.7	6.8	7.0	6.9	6.6	6.6	6.3	5.8	5.9	6.5	6.2	6.6	7.1

Missing data on 8/24 due to equipment change

Peshigo Tailwater Dissolved Oxygen Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	7.3	7.5	7.8	7.6	7.7	7.6	7.5	7.3	7.8	8.0	8.4	7.4	7.2	7.5	7.9	8.2
10000	7.2	7.3	7.6	7.7	7.7	7.5	7.5	7.3	7.3	8.0	8.3	7.4	7.2	7.6	8.0	8.1
20000	7.2	7.0	7.4	7.5	7.7	7.3	7.4	7.4	7.4	8.0	8.1	7.4	7.2	7.6	7.8	8.0
30000	7.1	6.9	7.3	7.3	7.5	7.1	7.6	7.5	7.3	7.7	8.3	7.2	7.2	7.7	7.7	7.9
40000	7.1	6.8	7.2	7.1	7.3	7.1	7.5	6.9	7.3	7.7	8.2	7.2	7.2	7.8	7.9	8.0
50000	7.0	6.9	7.0	7.0	7.3	7.2	7.2	7.1	7.1	7.9	8.3	7.1	7.2	7.8	7.8	7.8
60000	7.0	6.7	6.9	7.0	7.1	7.2	7.2	7.0	7.1	7.6	8.1	7.0	7.2	7.8	7.9	7.9
70000	7.0	6.8	7.0	6.8	7.9	7.0	7.2	7.1	7.3	7.7	8.0	6.9	7.3	7.9	8.0	7.8
80000	7.0	6.9	7.0	6.9	7.0	7.0	7.0	7.1	8.0	7.4	8.8	7.0	7.2	7.8	8.0	7.8
90000	7.1	6.9	7.0	6.9	7.9	7.0	6.9	7.0	7.8	7.5	8.9	6.9	7.2	7.7	8.1	7.8
100000	7.1	6.9	7.3	6.9	7.7	7.1	6.9	6.9	7.6	7.7	9.7	7.0	7.3	7.8	8.3	7.8
110000	7.2	7.0	6.9	7.1	7.6	7.2	6.9	7.2	7.8	7.7	8.5	7.0	7.3	7.8	8.3	7.9
120000	7.4	7.2	7.1	7.2	7.7	7.5	7.0	7.7	7.8	8.0	7.8	7.0	7.3	7.8	8.3	8.1
130000	7.6	7.4	7.3	7.3	7.3	7.5	7.7	7.6	8.4	7.7	7.0	7.1	7.5	7.8	8.5	8.3
140000	7.8	7.6	7.3	7.3	7.5	7.6	7.3	7.7	8.5	8.3	6.9	7.2	7.5	7.7	8.5	8.4
150000	7.4	7.7	7.4	7.5	7.8	7.7	7.4	7.9	8.4	8.6	7.0	7.2	7.5	7.8	8.5	8.6
160000	7.4	7.7	7.5	7.6	7.9	7.8	7.4	7.9	8.4	8.6	7.1	7.3	7.6	7.8	8.5	8.6
170000	7.3	7.7	7.7	7.5	7.6	8.1	7.5	7.7	8.2	8.6	7.3	7.4	7.5	7.7	8.5	8.7
180000	7.3	7.7	7.6	7.7	7.4	7.9	7.7	7.5	8.2	8.4	7.4	7.3	7.4	7.8	8.4	8.7
190000	7.5	7.9	7.6	7.6	7.5	7.9	7.6	7.5	8.2	8.5	7.6	7.3	7.4	7.8	8.3	8.7
200000	7.4	7.8	7.6	7.8	7.7	7.9	7.4	7.5	7.7	8.4	7.7	7.3	7.6	7.8	8.4	8.7
210000	7.9	7.9	7.6	7.6	7.4	7.6	7.7	7.8	7.9	8.5	7.7	7.3	7.6	7.7	8.3	8.9
220000	7.7	7.8	7.6	7.8	7.3	7.6	7.5	7.7	7.7	8.4	7.6	7.3	7.6	7.8	8.2	8.7
230000	7.8	7.8	7.7	7.8	7.9	7.5	7.3	7.7	7.7	8.4	7.4	7.2	7.6	7.9	8.3	8.6
Daily Max	7.9	7.9	7.8	7.8	7.9	8.1	7.7	7.9	8.5	8.6	8.9	7.4	7.6	7.9	8.5	8.9
Daily Min	7.0	6.7	6.9	6.8	7.0	7.0	6.9	6.9	7.1	7.4	6.9	6.9	7.2	7.5	7.7	7.8
Average	7.3	7.3	7.4	7.4	7.6	7.4	7.4	7.4	7.8	8.1	7.9	7.2	7.4	7.8	8.2	8.2

License Minimum Dissolved Oxygen: 5.0 mg/l

Peshigo Tailwater Dissolved Oxygen Summary - September 2006

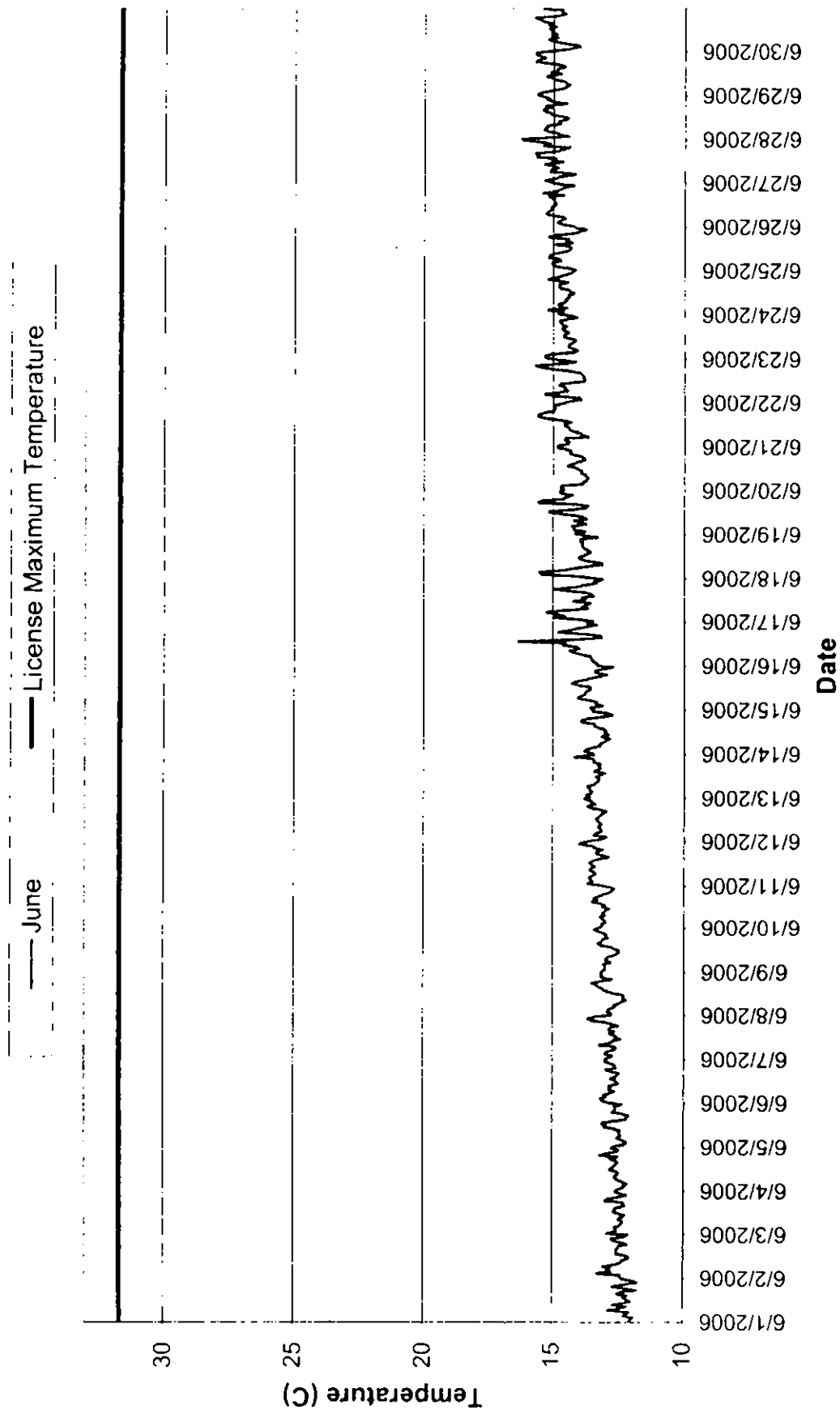
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	8.4	8.0	8.0	8.5	8.4	8.3	8.4	8.6	8.7	8.7	9.0	9.2	9.4	9.5
10000	8.2	8.1	7.9	8.4	8.3	8.4	8.6	8.5	8.7	8.7	9.2	9.3	9.4	9.6
20000	8.4	7.9	7.8	8.3	8.2	8.5	8.4	8.5	8.6	8.8	9.2	9.3	9.4	9.6
30000	8.2	7.8	7.8	8.1	8.3	8.4	8.3	8.5	8.6	8.9	9.3	9.3	9.3	9.6
40000	8.1	7.8	7.8	8.0	8.2	8.4	8.4	8.2	8.6	8.9	9.4	9.2	9.2	9.5
50000	8.1	7.8	7.7	8.0	8.1	8.4	8.3	8.2	8.7	9.0	9.4	9.2	9.1	9.4
60000	8.1	7.7	7.7	7.9	8.1	8.4	8.6	8.2	8.7	9.0	9.5	9.1	8.9	9.3
70000	8.1	7.7	7.6	7.8	8.0	8.2	8.2	8.2	8.7	9.0	9.4	8.9	8.8	9.2
80000	8.1	7.7	7.6	7.8	8.0	8.2	8.2	8.2	8.8	9.0	9.3	8.9	8.7	9.1
90000	8.1	7.7	7.7	7.7	8.2	8.1	8.2	8.3	8.9	9.0	9.2	8.8	8.6	9.0
100000	8.1	7.8	7.8	7.8	7.8	8.1	8.4	8.4	8.9	8.9	9.1	8.7	8.6	9.0
110000	8.1	7.8	7.9	7.8	8.0	8.2	8.2	8.5	9.0	8.9	9.0	8.7	8.6	8.9
120000	8.2	7.9	8.0	7.8	8.7	8.3	8.2	8.7	9.0	8.8	8.9	8.7	8.7	8.9
130000	8.3	8.1	8.0	7.9	8.3	8.4	8.3	8.8	9.1	8.9	8.9	8.7	8.8	9.0
140000	8.5	8.1	8.2	8.0	8.2	8.4	8.4	9.0	9.3	9.0	8.8	8.7	8.9	9.2
150000	8.5	8.4	8.3	8.2	8.4	8.3	8.3	9.4	9.2	9.0	8.9	8.9	8.9	9.2
160000	8.5	8.6	8.4	8.4	8.5	8.5	8.3	9.5	9.2	9.0	8.9	8.7	8.9	9.1
170000	8.6	8.6	8.6	8.6	8.4	8.6	8.2	9.4	9.2	9.0	8.9	8.8	8.9	9.1
180000	8.7	8.5	8.8	8.8	8.5	8.6	8.3	9.6	9.3	9.0	8.9	8.9	9.0	9.2
190000	8.6	8.4	8.9	8.9	8.4	8.6	8.3	9.5	9.1	9.0	8.9	9.0	9.1	9.0
200000	8.5	8.2	8.9	8.8	8.5	8.6	8.5	9.4	8.8	8.8	8.9	9.1	9.2	8.9
210000	8.4	8.2	9.0	8.6	8.3	8.5	8.5	9.1	8.6	8.8	9.0	9.2	9.3	9.0
220000	8.3	8.2	9.0	8.3	8.5	8.5	8.7	9.0	8.6	8.9	9.1	9.3	9.4	9.1
230000	8.2	8.0	8.8	8.2	8.4	8.5	8.7	8.9	8.6	8.9	9.1	9.4	9.4	9.1
Daily Max	8.7	8.6	9.0	8.9	8.5	8.6	8.7	9.6	9.3	9.0	9.5	9.4	9.4	9.6
Daily Min	8.1	7.7	7.6	7.7	7.8	8.1	8.2	8.2	8.6	8.7	8.8	8.7	8.6	8.9
Average	8.3	8.0	8.2	8.2	8.3	8.4	8.4	8.8	8.9	8.9	9.1	9.0	9.0	9.2

APPENDIX B

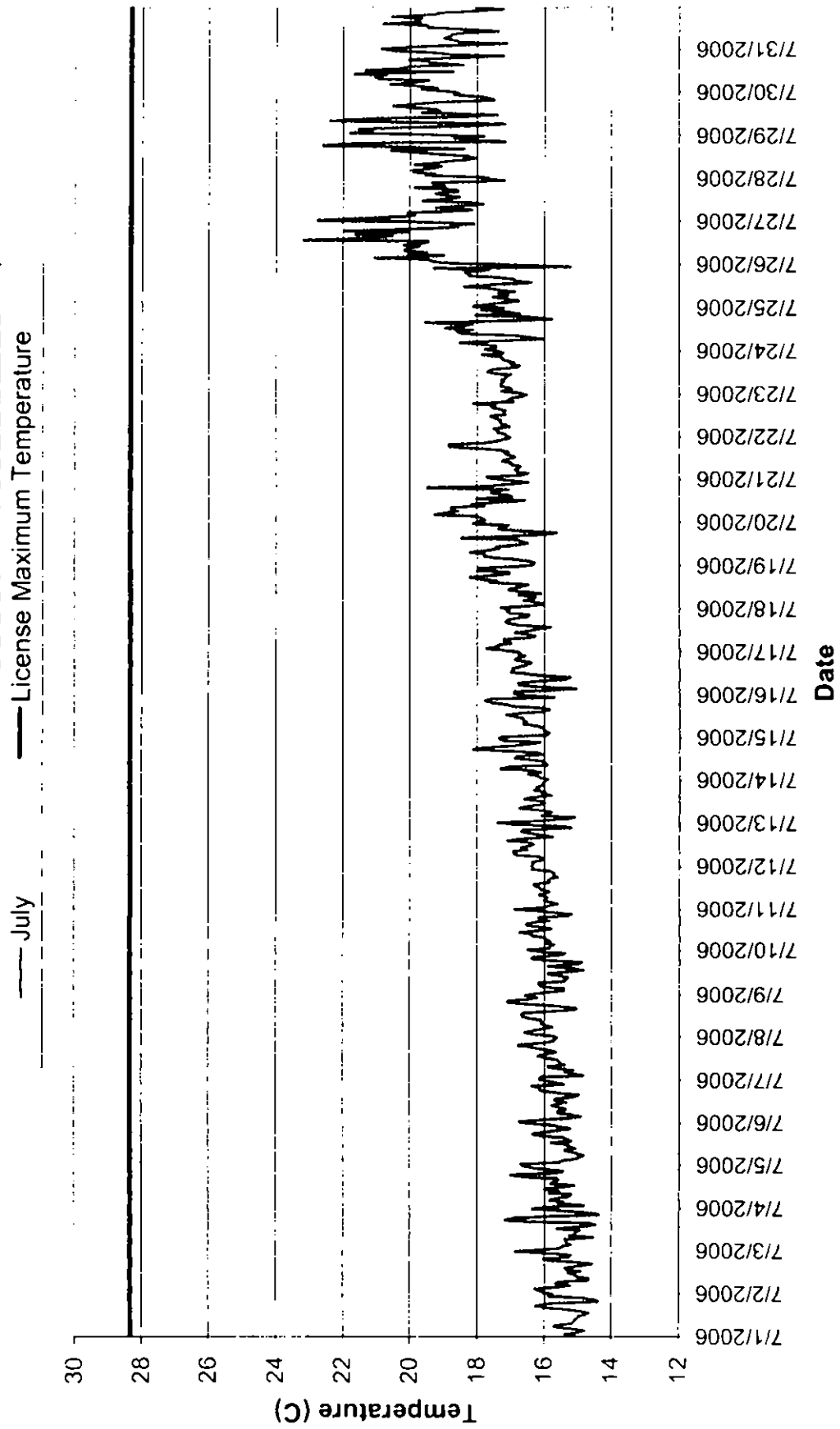
TEMPERATURE MONITORING DATA

PESHTIGO RIVER HYDROELECTRIC PROJECTS

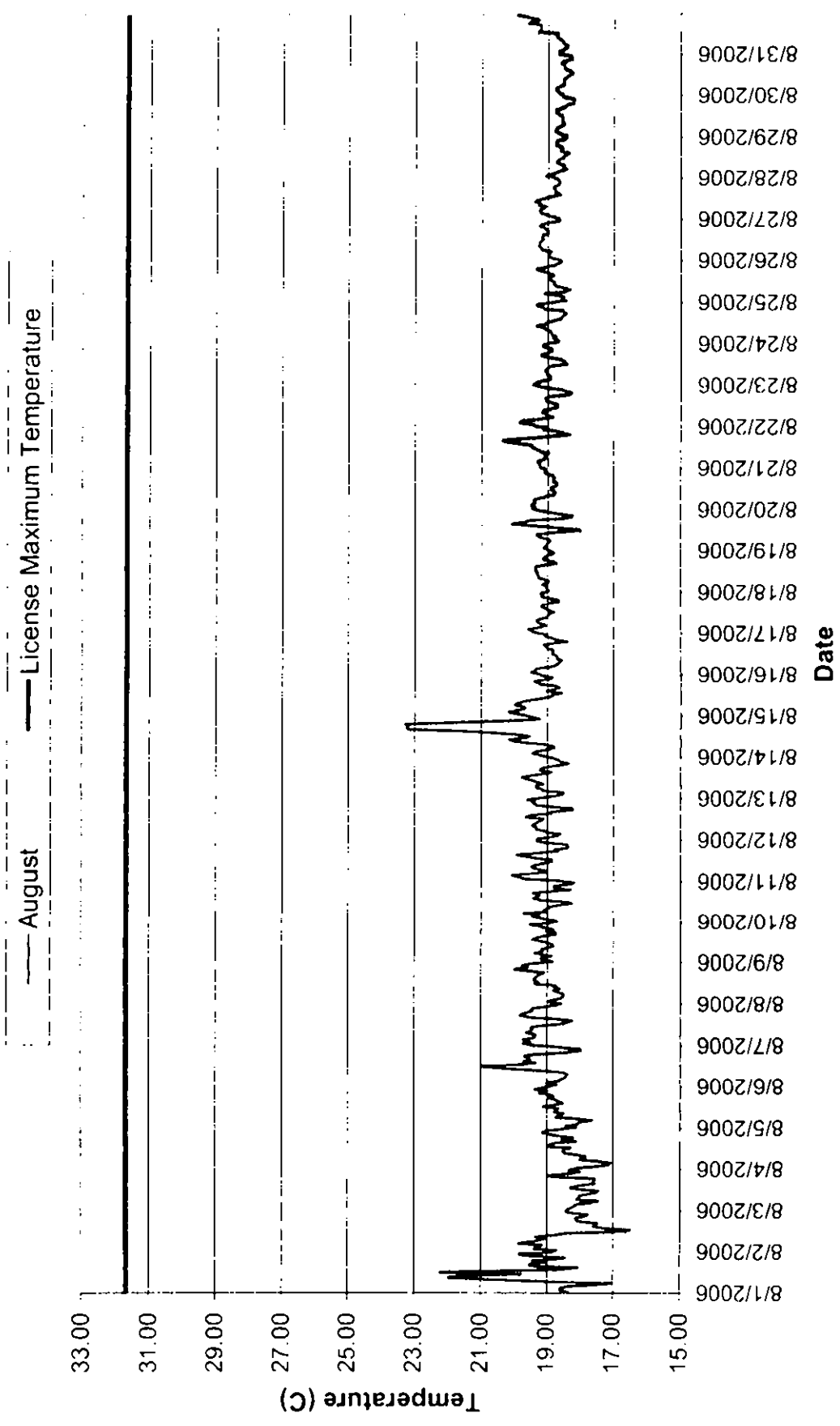
Caldron Falls Headwater Water Temperature - June 2006



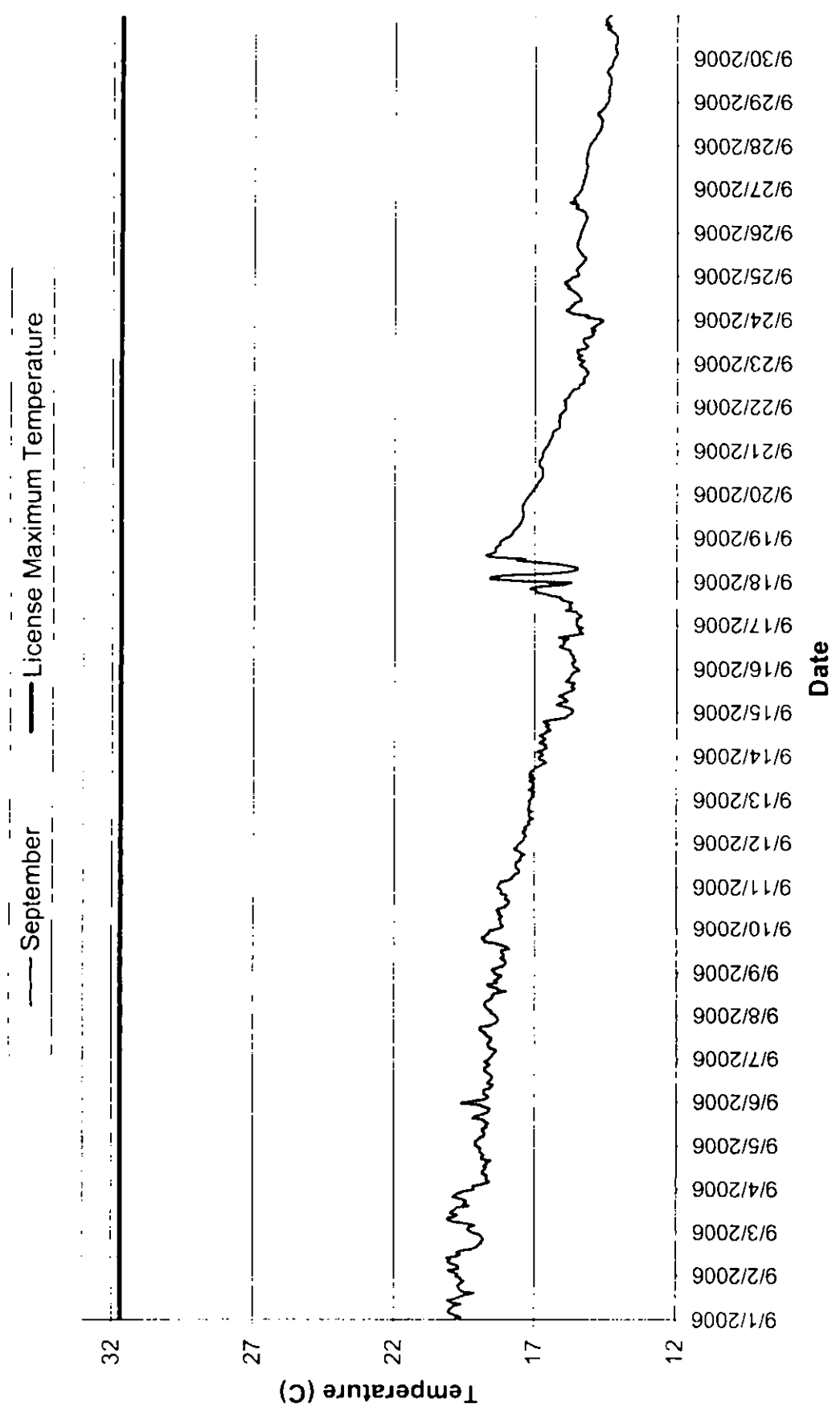
Caldron Falls Headwater Water Temperature - July 2006



Caldron Falls Headwater Water Temperature - August 2006



Caldron Falls Headwater Water Temperature - September 2006



Caldron Falls Headwater Temperature Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HH:MM:SS	00:00:00	12:37	12:87	12:47	12:55	12:65	12:93	12:71	13:08	13:12	13:08	13:38	13:55	13:42	13:41	13:26
10000	11:95	12:35	12:54	12:25	12:24	13:03	12:76	12:73	12:97	13:04	13:61	13:05	13:69	13:76	13:52	13:27
20000	11:84	13:24	12:54	12:26	12:11	13:10	12:68	12:85	12:94	13:07	13:42	12:88	13:51	13:68	13:28	13:39
30000	12:22	12:71	12:60	12:10	12:17	12:91	12:82	12:82	12:94	12:93	13:46	13:39	13:44	13:40	13:28	13:46
40000	12:07	12:87	12:41	12:22	12:37	12:99	12:89	12:59	13:01	12:96	13:56	13:29	13:55	13:14	13:27	13:49
50000	11:99	12:73	12:32	12:39	12:49	12:78	12:68	12:61	12:74	13:04	13:46	13:06	13:54	13:15	13:52	13:53
60000	12:81	13:01	12:26	12:52	12:34	12:59	12:53	12:48	12:92	13:13	13:31	13:10	13:63	12:98	14:01	13:90
70000	12:35	12:54	12:33	12:59	12:42	12:81	12:55	12:31	12:88	12:95	13:34	13:15	13:34	12:91	13:93	14:15
80000	12:09	12:34	12:44	12:49	12:39	12:73	13:15	12:14	12:80	13:07	13:53	13:21	13:28	12:77	13:73	14:35
90000	12:66	12:62	12:30	12:43	12:38	12:82	12:74	12:26	12:55	12:99	13:48	13:08	13:19	13:08	13:72	13:94
100000	12:18	12:13	12:18	12:51	12:66	12:44	12:65	12:25	12:44	12:91	13:32	13:14	13:16	12:84	13:62	14:06
110000	11:93	12:02	12:46	12:75	12:96	12:53	12:35	12:26	12:42	12:80	13:45	13:22	13:30	12:97	13:52	14:59
120000	12:09	12:17	12:64	12:63	12:90	12:56	12:55	12:57	12:58	13:05	13:54	13:28	13:12	12:91	13:51	14:49
130000	12:24	12:51	12:57	12:60	13:07	12:76	12:56	12:85	12:74	12:97	13:41	13:19	12:94	12:98	13:93	16:31
140000	12:06	12:51	12:51	12:52	12:62	12:53	12:78	12:98	13:08	13:13	13:17	13:12	13:37	13:23	14:24	14:11
150000	12:47	12:52	12:20	12:46	12:16	12:47	12:60	13:06	13:21	13:45	12:82	13:02	13:22	13:36	14:10	13:09
160000	12:30	12:43	12:21	12:56	12:10	12:42	12:82	13:21	13:07	13:23	13:05	12:89	13:12	13:39	13:73	13:13
170000	11:72	12:41	12:24	12:77	12:04	12:70	12:75	13:29	13:03	13:39	13:29	13:09	13:20	13:82	13:49	13:66
180000	12:26	12:07	12:92	12:46	12:30	12:91	12:45	13:45	12:83	13:19	13:27	13:42	13:11	13:86	13:09	14:78
190000	12:68	12:35	12:81	13:13	12:68	12:54	12:69	13:02	12:93	13:04	13:03	13:63	13:38	13:65	12:89	14:39
200000	12:13	12:62	12:43	12:83	12:57	12:60	12:93	12:67	12:88	12:80	13:34	13:32	13:34	12:97	13:28	14:01
210000	11:72	12:72	12:11	12:50	12:55	12:59	13:45	13:10	13:03	12:69	13:38	13:44	13:45	12:68	13:35	13:63
220000	11:90	12:19	12:36	12:42	12:60	12:82	13:61	13:04	13:22	12:61	13:95	13:48	14:15	12:91	13:02	13:29
230000	12:25	12:07	12:58	12:72	12:30	12:94	13:29	13:10	13:36	12:74	13:87	13:75	13:39	13:43	12:68	13:66
Daily Max	12:81	13:24	12:92	13:13	13:07	13:10	13:61	13:45	13:36	13:45	13:95	13:75	14:15	13:85	14:24	16:31
Daily Min	11:72	12:02	12:11	12:10	12:04	12:42	12:35	12:14	12:42	12:61	12:82	12:88	12:94	12:68	12:68	13:09
Average	12:16	12:47	12:45	12:52	12:46	12:73	12:81	12:77	12:90	13:01	13:38	13:23	13:37	13:22	13:49	13:91

Monthly average: 13.80
 License Maximum Temperature: 31.67

Caldron Falls Headwater Temperature Summary - June 2006

Time HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	13.42	13.45	14.13	14.57	14.83	14.37	15.22	14.81	14.11	14.25	15.06	16.21	15.63	14.94
10000	13.93	14.31	13.72	14.70	14.40	13.89	15.33	14.59	14.34	14.60	15.33	14.40	15.48	14.39
20000	14.99	15.44	14.16	14.65	14.37	13.97	15.10	15.21	14.88	14.84	14.93	14.71	15.14	13.96
30000	14.53	15.52	14.18	13.83	14.52	14.88	14.18	14.45	15.00	14.70	14.74	14.84	14.69	14.06
40000	14.98	14.63	14.25	13.80	14.52	15.30	14.03	14.67	15.05	14.53	14.13	15.23	14.53	14.61
50000	15.24	14.16	13.71	13.69	13.62	14.75	14.23	14.80	14.68	14.59	14.36	15.37	14.37	14.91
60000	14.67	13.80	13.81	13.61	13.85	14.42	14.39	14.58	14.76	15.08	15.12	15.27	14.49	15.19
70000	13.61	13.09	14.18	13.69	13.91	14.55	14.38	14.44	15.19	15.28	15.08	15.26	14.59	14.82
80000	13.84	13.09	13.66	13.72	14.24	14.51	14.24	14.52	15.13	15.19	14.81	14.71	14.89	15.11
90000	13.61	13.64	13.83	13.91	14.36	14.74	14.13	14.36	14.92	15.07	15.02	14.80	15.07	14.84
100000	13.53	13.89	14.20	13.86	14.37	14.67	14.14	14.41	14.54	15.10	15.35	14.58	15.28	15.11
110000	14.21	13.99	14.88	13.98	14.52	13.77	14.49	14.17	14.36	15.01	14.61	14.42	14.68	15.04
120000	13.72	13.80	15.14	14.17	14.57	13.74	14.58	14.29	14.28	14.89	15.07	14.60	15.11	15.18
130000	13.87	13.61	14.21	14.45	14.27	13.81	14.52	14.41	14.36	14.92	14.91	15.09	14.82	14.89
140000	13.39	13.52	13.72	14.15	14.68	13.79	14.39	14.70	14.88	14.99	15.66	15.11	14.86	15.21
150000	13.52	13.65	13.62	14.05	15.16	13.87	14.60	14.76	14.24	14.95	15.58	15.37	14.55	15.06
160000	13.72	13.74	14.04	13.74	15.57	13.95	14.64	14.75	14.51	15.17	15.71	15.40	14.61	15.41
170000	14.55	13.82	15.56	13.76	15.56	14.41	14.47	14.40	14.39	14.59	14.82	15.05	15.18	15.53
180000	14.93	13.85	15.42	13.86	15.34	14.98	14.63	14.72	15.17	15.43	14.63	15.31	15.68	15.72
190000	14.02	13.80	14.63	14.19	14.96	15.44	14.69	15.20	14.99	14.91	14.36	14.49	15.61	14.78
200000	13.80	13.93	14.45	14.35	14.93	15.66	14.72	14.78	14.17	14.69	15.40	14.89	15.31	14.52
210000	13.28	13.91	14.24	14.31	14.93	14.45	14.41	14.63	13.94	14.61	15.17	15.27	15.44	14.67
220000	13.40	13.24	14.64	14.44	14.93	14.11	14.04	14.32	13.71	14.19	15.37	15.16	15.70	14.62
230000	13.05	13.77	14.72	14.81	14.63	14.81	14.36	14.21	14.06	14.76	16.13	15.42	15.67	15.39
Daily Max	15.24	15.52	15.56	14.81	15.57	15.66	15.33	15.21	15.19	15.43	16.13	16.21	15.70	15.72
Daily Min	13.05	13.09	13.62	13.61	13.62	13.74	14.03	14.17	13.71	14.19	14.13	14.40	14.37	13.96
Average	13.99	13.90	14.30	14.10	14.63	14.45	14.50	14.59	14.57	14.85	15.05	15.04	15.06	14.92

Caldron Falls Headwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	15.08	15.98	16.20	15.91	16.70	16.76	16.15	15.72	16.36	16.49	16.88	16.37	17.38	15.89	17.22	16.90
10000	15.37	16.12	15.51	14.82	15.59	15.93	16.08	16.37	15.81	15.82	16.02	16.32	16.22	16.11	15.95	16.90
20000	14.98	16.29	15.44	15.57	15.42	15.21	14.80	16.58	15.40	15.83	15.88	16.35	15.28	16.20	15.84	15.70
30000	14.76	15.60	15.19	15.41	15.07	14.89	15.10	16.28	15.41	15.70	15.58	16.08	15.07	16.49	15.99	15.03
40000	15.13	15.20	15.30	15.83	14.90	15.24	15.39	16.03	16.01	15.94	15.77	16.01	16.07	16.11	15.99	16.37
50000	15.69	15.65	15.36	15.59	14.83	15.58	15.12	15.76	16.14	15.81	16.01	16.17	15.82	16.33	16.05	16.74
60000	15.67	15.55	15.37	15.28	14.98	15.58	15.66	15.97	16.17	15.96	15.91	16.81	15.77	17.30	16.21	16.78
70000	15.17	14.68	14.53	15.20	15.20	15.36	15.89	16.08	15.42	15.97	15.92	16.90	16.25	17.04	16.62	16.07
80000	15.10	14.67	15.24	15.83	15.39	15.51	15.39	16.05	15.42	16.15	16.15	16.92	16.74	15.90	16.53	15.38
90000	15.09	15.02	15.08	15.56	15.05	15.77	15.52	16.11	15.27	16.38	15.96	16.49	16.57	15.97	16.53	15.21
100000	15.01	15.06	15.04	16.00	15.29	15.54	15.55	16.46	15.53	16.73	15.83	16.70	16.04	16.00	16.62	15.97
110000	14.97	15.29	14.93	15.57	15.28	15.34	15.61	16.63	15.88	16.11	16.09	16.46	15.97	16.37	16.79	16.44
120000	14.74	14.90	15.62	15.11	15.79	15.69	15.96	16.66	15.28	15.77	16.14	16.31	16.07	16.86	17.12	16.99
130000	14.66	15.36	14.95	15.80	15.18	15.63	16.20	16.62	14.83	15.98	16.27	16.50	16.59	16.82	16.76	16.92
140000	14.97	15.37	14.46	15.70	15.30	15.12	15.90	15.46	15.21	16.51	16.30	17.09	16.42	16.03	16.04	16.95
150000	15.27	14.93	14.65	15.57	15.43	14.95	15.64	15.02	15.88	16.56	15.84	16.73	15.76	16.21	15.83	16.74
160000	16.01	14.56	16.57	15.64	16.08	15.49	15.83	15.07	14.98	16.31	15.88	15.74	16.05	17.03	16.03	16.57
170000	16.26	14.93	17.17	16.63	16.35	16.00	16.20	15.79	14.85	15.84	15.79	16.06	15.96	18.12	16.85	16.38
180000	15.78	15.87	16.87	17.01	15.94	16.14	16.42	16.48	15.76	16.14	15.59	16.41	16.30	17.70	17.15	16.59
190000	14.38	16.02	15.62	15.70	15.67	16.15	16.77	17.08	16.38	16.17	15.73	16.68	16.18	16.95	17.52	16.86
200000	14.44	15.28	14.36	15.44	15.22	16.37	16.01	17.07	16.32	15.29	15.69	16.63	16.22	16.32	17.77	16.78
210000	14.84	15.19	14.81	15.97	15.54	15.40	15.75	16.40	15.59	15.17	15.82	15.18	16.00	16.12	17.58	16.57
220000	15.87	15.72	15.39	16.35	15.67	15.73	15.67	16.19	15.37	15.59	16.36	15.35	16.04	17.22	15.70	16.76
230000	15.74	16.87	16.36	16.63	16.47	15.94	15.60	16.57	16.14	16.08	16.33	16.77	15.96	17.35	16.52	16.75
Daily Max	16.26	16.87	17.17	17.01	16.70	16.76	16.77	17.08	16.38	16.73	16.88	17.09	17.38	18.12	17.77	16.99
Daily Min	14.38	14.56	14.36	14.82	14.83	14.89	14.80	15.02	14.83	15.17	15.58	15.18	15.07	15.89	15.70	15.03
Average	15.21	15.42	15.42	15.76	15.51	15.64	15.76	16.19	15.64	16.02	15.99	16.38	16.11	16.60	16.55	16.43

Monthly average: 16.99
License Maximum Monthly Average 31.67

Caldron Falls Headwater Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	17.09	17.29	16.33	17.93	17.58	17.13	16.73	17.79	18.12	18.82	22.76	17.70	19.38	18.75	20.85
10000	17.72	16.33	16.31	17.77	17.73	17.17	17.29	17.45	17.71	19.32	21.30	19.52	21.79	19.66	19.99
20000	17.35	16.00	16.44	17.85	16.69	17.40	16.96	17.44	17.11	19.46	20.20	19.25	21.12	19.19	18.99
30000	17.40	16.20	16.92	17.99	16.49	17.37	17.06	17.99	16.75	21.04	19.85	19.90	21.53	19.80	17.13
40000	16.98	16.61	17.51	19.25	16.83	17.51	17.28	18.52	17.18	19.00	20.07	19.91	20.03	20.60	18.53
50000	17.20	16.29	17.81	19.00	16.87	17.04	17.31	17.17	17.53	20.05	18.81	19.35	18.21	19.93	18.67
60000	17.20	16.26	17.79	18.55	16.75	17.14	17.21	16.00	17.09	19.48	18.16	19.07	17.18	19.42	19.00
70000	16.46	16.75	18.23	18.79	16.70	17.29	17.29	16.52	17.36	20.18	19.24	19.86	20.24	20.90	18.82
80000	16.27	16.09	17.81	18.77	16.99	17.32	17.14	16.94	16.87	20.08	18.58	19.32	22.39	21.03	18.76
90000	16.55	16.72	17.33	17.78	16.97	17.30	17.16	18.44	17.31	19.71	17.82	18.87	21.00	20.71	18.41
100000	16.88	17.07	17.43	18.17	17.26	17.49	16.99	18.61	17.69	20.18	18.18	18.34	18.46	21.66	17.36
110000	16.45	16.83	16.77	17.19	17.04	17.62	17.55	18.11	18.39	19.59	19.63	18.05	17.39	18.73	18.44
120000	16.18	16.63	16.49	16.59	16.86	17.17	17.69	18.96	17.35	19.44	18.85	18.30	19.64	21.34	19.45
130000	15.80	16.49	16.65	18.03	17.02	17.20	17.51	18.45	16.38	23.19	18.53	19.10	19.11	20.32	19.50
140000	16.78	17.63	16.77	16.94	17.20	17.16	16.87	18.15	16.83	21.24	19.04	19.97	19.26	19.95	20.81
150000	16.98	17.40	18.47	17.04	17.07	17.28	16.73	19.53	16.93	20.51	19.23	20.57	19.99	18.43	19.69
160000	17.15	17.86	17.24	17.60	17.35	17.58	17.01	16.98	17.39	21.63	18.57	18.39	20.50	19.35	19.84
170000	17.09	18.23	15.95	17.56	18.04	17.46	16.89	15.78	18.26	20.04	18.64	20.34	19.75	19.51	19.65
180000	16.84	17.61	15.63	17.06	18.83	18.13	17.18	16.43	18.25	21.94	19.84	22.61	19.16	20.04	20.54
190000	16.49	17.02	16.77	19.47	18.85	16.91	17.26	18.05	18.37	19.76	18.96	21.74	17.49	18.42	19.27
200000	16.44	17.08	17.35	17.59	17.80	17.08	17.27	16.72	17.65	18.56	19.06	17.17	17.64	17.23	19.16
210000	17.03	17.99	17.18	17.06	17.37	16.97	17.87	17.16	19.28	18.79	19.34	18.19	17.86	18.79	18.00
220000	17.12	17.98	17.06	16.48	17.21	16.68	17.21	17.88	15.22	18.10	17.18	18.70	18.70	19.36	17.23
230000	17.03	16.84	18.13	16.92	17.00	16.52	17.36	17.19	17.05	20.04	17.64	17.80	18.54	20.42	18.05
Daily Max	17.72	18.23	18.47	19.47	18.85	18.13	17.87	19.53	19.28	23.19	22.76	22.61	22.39	21.66	20.85
Daily Min	15.80	16.00	15.63	16.48	16.49	16.52	16.73	15.78	15.22	18.10	17.18	17.17	17.18	17.23	17.13
Average	16.85	16.97	17.10	17.81	17.27	17.25	17.20	17.59	17.42	20.01	19.15	19.25	19.43	19.73	19.01

Caldron Falls Headwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	18.35	18.70	18.37	18.09	18.10	18.94	19.40	18.55	18.82	18.69	18.68	19.29	19.12	19.04	19.67	19.25
10000	18.58	19.38	18.24	17.55	18.41	18.70	19.71	18.94	19.08	19.02	19.66	18.96	18.74	19.24	19.92	19.49
20000	18.60	19.29	18.17	17.13	18.04	19.01	19.50	18.88	19.18	19.19	19.84	18.71	18.53	19.45	20.16	19.37
30000	18.37	19.14	18.05	17.07	18.01	18.62	19.73	18.57	18.86	19.46	20.05	18.60	18.49	19.26	19.85	19.34
40000	17.46	19.85	17.68	17.44	17.62	18.56	19.40	18.51	19.15	19.23	19.53	18.98	19.12	18.98	19.66	18.91
50000	16.99	19.47	17.44	18.00	18.01	18.43	19.36	18.51	19.37	19.71	18.99	19.11	19.15	18.79	19.71	18.77
60000	19.05	19.24	18.11	17.83	18.72	18.42	19.34	18.48	19.14	19.00	19.07	19.33	19.34	18.81	19.97	18.68
70000	20.89	19.00	18.02	17.84	18.64	18.39	19.61	18.67	19.16	19.08	19.37	19.33	19.33	19.05	19.90	18.64
80000	21.98	19.34	18.01	18.13	18.48	18.48	19.50	18.81	19.00	18.93	19.48	19.44	19.12	19.58	19.70	18.55
90000	19.63	18.76	17.74	18.46	18.76	18.91	19.43	18.61	18.81	18.94	19.35	19.38	19.28	19.97	19.45	18.70
100000	19.76	18.42	17.48	18.51	18.72	19.94	19.48	18.78	18.83	18.58	19.09	19.26	19.46	20.17	19.04	18.71
110000	22.20	16.57	17.44	18.46	18.63	20.57	19.19	18.75	18.97	18.23	18.86	19.14	19.63	19.67	18.83	18.75
120000	20.62	16.46	18.03	18.28	19.10	20.99	18.61	19.37	19.14	18.40	18.85	19.10	19.77	19.52	18.85	18.86
130000	18.64	17.22	18.27	18.97	18.79	19.87	18.41	19.26	19.44	19.16	19.29	19.65	19.47	19.88	18.55	18.82
140000	18.06	17.60	18.00	18.89	18.50	19.34	18.23	19.40	19.31	19.41	19.70	19.46	19.01	20.69	19.02	18.82
150000	19.49	17.52	17.54	18.73	18.63	19.69	18.65	19.38	19.11	19.27	19.92	18.87	18.87	21.59	18.81	19.00
160000	19.52	17.46	17.60	18.10	18.73	19.49	19.47	19.31	18.74	19.23	19.32	18.89	19.22	23.18	18.63	19.01
170000	19.02	18.06	17.54	18.54	18.94	19.55	19.82	19.25	18.74	19.43	18.67	18.22	19.16	23.24	18.75	19.11
180000	19.43	18.10	17.54	18.21	18.80	19.67	19.73	19.08	19.02	18.85	18.76	18.26	18.93	23.18	19.20	18.79
190000	18.78	18.13	18.71	18.59	18.89	19.40	19.56	19.45	18.79	18.27	18.38	18.92	18.63	23.28	19.28	18.40
200000	18.43	17.85	18.98	18.84	19.25	18.47	19.45	19.98	19.01	18.77	18.35	19.29	18.36	21.87	19.39	18.73
210000	19.69	17.74	18.26	19.12	18.97	17.96	19.44	19.57	19.27	18.77	18.42	19.43	18.61	19.96	18.90	18.87
220000	19.84	18.22	18.00	19.02	19.37	18.00	19.11	19.74	19.53	18.36	18.96	19.36	18.66	19.23	18.86	19.05
230000	18.85	18.41	18.33	18.64	19.15	18.58	18.76	19.51	18.92	18.16	19.32	19.60	18.79	19.43	19.13	19.01
Daily Max	22.20	19.85	18.98	19.12	19.37	20.99	19.82	19.98	19.53	19.71	20.06	19.65	19.77	23.28	20.16	19.49
Daily Min	16.99	16.46	17.44	17.07	17.62	17.96	18.23	18.48	18.74	18.16	18.35	18.22	18.36	18.79	18.55	18.40
Average	19.34	18.33	17.98	18.27	18.64	19.08	19.29	19.06	19.06	18.92	19.16	19.11	19.03	20.29	19.30	18.90

Monthly average 18.95
License Maximum Temperature 31.67

Caldron Falls Headwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	19.35	18.96	18.99	19.46	19.23	19.40	19.45	18.89	18.68	18.62	18.65	18.84	18.41	18.55	18.68
10000	19.47	19.00	19.12	19.37	19.24	19.40	19.35	18.65	18.42	18.83	18.79	19.05	18.56	18.66	18.68
20000	19.58	19.04	19.03	19.49	19.25	19.85	19.21	18.69	18.59	18.94	18.96	18.86	18.66	18.68	18.54
30000	19.22	19.05	19.02	19.37	19.32	19.73	18.92	18.83	18.49	19.00	19.16	18.68	18.77	18.77	18.46
40000	19.05	19.15	18.98	19.43	19.17	19.19	18.90	18.73	18.73	18.91	19.24	18.54	18.78	18.72	18.39
50000	19.14	18.97	18.91	19.40	19.07	18.82	18.92	18.87	19.08	18.89	19.25	18.41	18.69	18.60	18.43
60000	19.28	18.96	19.00	19.27	19.04	19.03	19.04	18.88	18.43	19.16	19.12	18.56	18.55	18.49	18.50
70000	19.34	19.10	19.18	18.99	19.11	19.02	18.98	18.92	18.30	19.19	19.06	18.48	18.49	18.52	18.55
80000	19.20	19.29	19.29	18.80	18.95	19.16	19.08	19.06	18.45	19.26	19.29	18.63	18.56	18.53	18.60
90000	19.01	19.27	19.34	18.75	19.16	19.12	19.04	19.07	18.71	19.26	19.19	18.75	18.57	18.53	18.66
100000	19.00	19.32	18.71	18.79	19.29	18.83	18.96	19.34	18.80	19.24	19.39	18.66	18.53	16.43	18.75
110000	16.91	19.29	17.98	18.91	19.39	18.69	18.83	19.01	18.79	19.21	19.22	18.57	18.59	18.38	18.73
120000	18.81	19.38	18.11	18.89	19.47	18.68	18.40	19.02	18.84	19.12	19.05	18.51	18.57	18.27	18.68
130000	18.94	19.34	18.85	18.73	19.48	18.74	18.46	18.83	18.91	19.17	18.83	18.47	18.68	18.25	19.31
140000	19.03	19.38	19.47	18.70	19.91	19.00	18.50	18.62	18.95	19.17	18.62	18.36	18.76	16.34	19.21
150000	19.18	19.12	20.09	18.72	20.23	19.06	18.68	18.56	18.80	19.05	18.78	18.51	18.77	18.47	19.23
160000	19.16	18.72	19.76	18.83	20.37	19.07	18.95	18.52	18.85	18.96	18.75	18.62	18.61	18.51	19.21
170000	18.92	18.81	19.50	18.83	19.42	18.92	19.19	18.42	19.03	18.99	18.80	18.53	18.44	18.49	19.21
180000	18.65	19.10	18.62	18.77	18.92	18.38	19.05	18.50	19.24	19.05	18.82	18.59	18.41	16.55	19.60
190000	18.65	19.13	18.26	18.82	18.30	18.26	18.94	18.54	19.34	19.11	18.71	18.74	18.21	18.61	19.50
200000	18.91	19.07	18.25	18.96	18.47	18.40	18.86	19.08	19.06	19.24	18.66	18.76	18.22	18.44	19.26
210000	19.18	18.90	18.71	19.08	18.74	18.55	18.89	19.13	18.77	19.16	18.64	18.74	18.20	18.25	19.43
220000	19.12	18.80	18.98	19.07	19.14	18.97	19.08	19.33	18.67	18.84	18.66	18.61	18.33	18.29	19.71
230000	19.21	18.88	19.25	19.05	18.98	19.21	19.16	19.26	18.57	18.64	18.69	18.45	18.54	18.30	19.95
Daily Max	19.58	19.38	20.09	19.49	20.37	19.85	19.45	19.34	19.34	19.26	19.39	19.05	18.78	18.77	19.95
Daily Min	18.65	18.72	17.98	18.70	18.30	18.26	18.40	18.42	18.30	18.62	18.62	18.36	18.20	18.25	18.39
Average	19.10	19.08	18.98	19.02	19.24	18.98	18.95	18.86	18.77	19.04	18.93	18.62	18.54	18.48	18.97

Caldron Falls Headwater Temperature Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	19.82	19.74	19.29	19.17	19.13	19.18	18.60	18.42	18.44	18.13	18.30	17.46	17.10	16.70	15.63	15.46
10000	19.61	19.87	19.38	19.18	19.10	18.77	18.54	18.57	18.51	18.11	18.26	17.38	17.11	16.71	15.62	15.59
20000	19.84	20.08	19.33	18.86	19.09	18.64	18.50	18.53	18.33	18.22	18.20	17.38	17.00	16.89	15.72	15.62
30000	20.00	19.72	19.13	18.61	19.01	18.67	18.43	18.66	18.11	18.23	17.93	17.30	17.09	16.70	15.90	15.66
40000	20.08	19.72	19.36	18.67	18.95	18.80	18.37	18.72	18.04	18.22	17.81	17.32	17.01	16.55	16.18	15.53
50000	20.03	19.79	19.86	18.73	18.82	18.83	18.44	18.77	18.05	18.27	17.76	17.39	17.20	16.62	16.07	15.57
60000	19.96	20.01	20.05	18.71	18.77	18.81	18.58	18.78	18.06	18.16	17.69	17.42	17.05	16.59	15.81	15.62
70000	19.87	20.09	20.12	18.70	18.78	18.61	18.66	18.75	18.21	18.16	17.55	17.30	17.07	16.83	15.85	15.61
80000	19.61	19.99	19.86	18.88	18.87	18.56	18.64	18.64	18.09	18.31	17.53	17.36	17.03	16.72	15.98	15.69
90000	19.95	20.13	19.76	18.84	18.86	18.47	18.63	18.54	18.09	18.25	17.61	17.28	17.07	16.58	16.11	15.71
100000	20.09	19.76	20.01	18.81	18.69	18.67	18.55	18.50	18.16	18.36	17.67	17.17	17.16	16.70	15.94	15.73
110000	19.83	19.64	19.92	18.74	18.76	18.65	18.55	18.52	18.18	18.29	17.67	17.22	17.00	16.81	15.80	15.95
120000	19.65	19.77	19.84	18.81	18.64	18.56	18.64	18.42	17.89	18.04	17.67	17.21	17.19	16.62	15.62	16.10
130000	19.50	19.61	19.74	18.70	18.75	18.53	18.75	18.01	17.99	18.04	17.60	17.08	17.07	16.55	15.56	15.94
140000	19.16	19.25	19.33	18.71	18.85	18.53	18.76	18.29	18.14	17.91	17.46	17.15	17.17	16.41	15.67	15.93
150000	19.56	19.05	19.54	18.57	19.21	18.60	18.89	18.36	18.43	17.95	17.51	17.21	17.11	16.49	15.60	15.97
160000	19.67	19.02	19.46	18.87	19.05	18.69	18.95	18.58	18.80	17.90	17.47	17.21	17.02	16.58	15.57	15.79
170000	19.70	18.90	19.45	18.90	18.83	18.78	18.95	18.67	18.79	18.05	17.35	17.08	16.97	16.46	15.88	16.12
180000	19.73	18.94	19.63	18.80	18.65	18.81	18.58	18.32	18.90	18.01	17.49	17.23	16.81	16.59	15.78	15.62
190000	19.64	18.82	19.91	18.88	18.64	18.71	18.43	18.44	18.77	17.99	17.56	17.20	16.74	16.67	15.73	15.28
200000	19.53	18.86	19.82	18.93	18.61	18.61	18.31	18.33	18.69	18.20	17.74	17.20	16.57	16.23	15.70	15.39
210000	19.60	18.90	19.69	18.97	18.80	18.65	18.31	18.23	18.63	18.16	17.64	17.16	16.66	15.86	15.66	15.41
220000	19.65	18.96	19.55	18.94	18.97	18.78	18.32	18.16	18.62	18.21	17.60	17.17	16.83	15.80	15.58	15.28
230000	19.80	19.19	19.15	19.02	19.61	18.66	18.37	18.44	18.34	18.31	17.55	17.20	16.85	15.67	15.40	15.45

Daily Max 20.09
 Daily Min 19.16
 Average 19.75

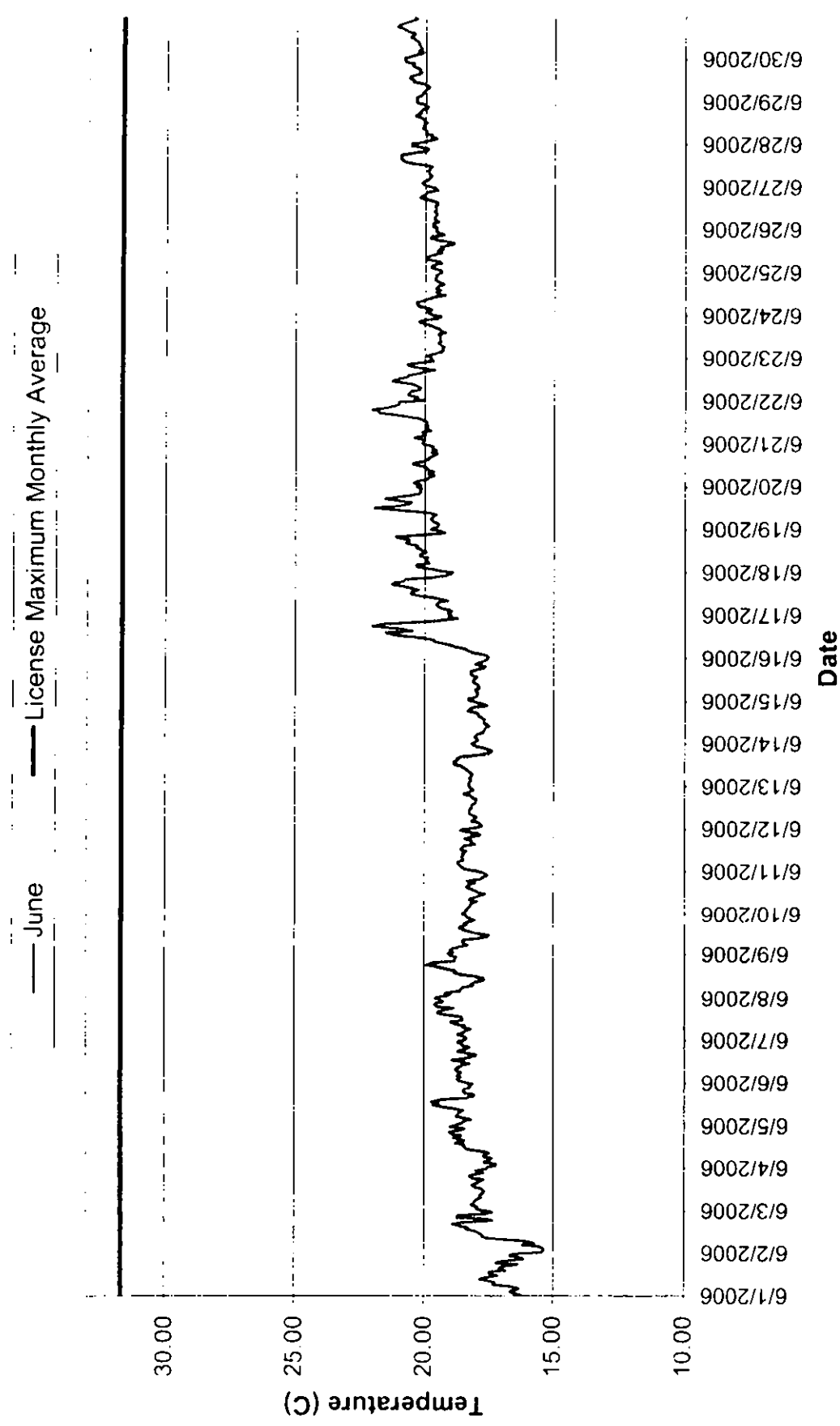
Monthly average 16.94
 License Maximum Temperature 31.67

Caldron Falls Headwater Temperature Summary - September 2006

Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	15 49	17 42	17 93	17 14	16 65	15 90	15 33	14 65	15 42	15 37	15 34	15 03	14 38	14 14
0	15 49	18 60	17 83	17 09	16 60	15 91	15 23	15 16	15 44	15 33	15 31	14 98	14 39	14 10
10000	15 47	18 58	17 78	17 04	16 55	15 89	15 42	15 08	15 48	15 30	15 27	14 93	14 37	14 07
20000	15 50	18 07	17 76	16 99	16 51	15 95	15 45	15 62	15 51	15 28	15 27	14 88	14 37	14 09
30000	15 33	16 44	17 70	16 94	16 48	15 85	15 32	15 76	15 50	15 24	15 25	14 84	14 37	14 12
40000	15 31	15 69	17 65	16 91	16 45	15 79	15 46	15 87	15 41	15 23	15 24	14 80	14 38	14 15
50000	15 45	15 48	17 57	16 86	16 42	15 77	15 48	15 72	15 35	15 19	15 23	14 76	14 38	14 14
60000	15 50	15 46	17 53	16 81	16 39	15 73	15 46	15 71	15 28	15 16	15 22	14 71	14 36	14 12
70000	15 87	15 67	17 49	16 76	16 36	15 68	15 19	15 61	15 26	15 13	15 19	14 68	14 34	14 08
80000	15 70	16 15	17 46	16 73	16 36	15 62	15 11	15 61	15 19	15 18	15 19	14 66	14 31	14 10
90000	15 74	16 80	17 44	16 71	16 34	15 44	15 15	15 37	15 20	15 21	15 17	14 64	14 32	14 09
100000	15 75	17 63	17 43	16 72	16 26	15 40	15 24	15 36	15 28	15 22	15 14	14 64	14 31	14 06
120000	15 65	17 33	17 43	16 73	16 09	15 39	15 26	15 36	15 34	15 34	15 13	14 62	14 30	14 12
130000	15 88	18 61	17 41	16 72	16 12	15 24	15 28	15 44	15 38	15 53	15 16	14 61	14 31	14 16
140000	16 05	18 76	17 42	16 73	16 12	15 25	15 07	15 48	15 42	15 47	15 16	14 63	14 34	14 25
150000	16 04	18 51	17 44	16 82	16 11	15 24	14 90	15 59	15 47	15 48	15 18	14 67	14 41	14 33
160000	16 39	18 41	17 44	16 84	16 13	15 24	14 91	15 66	15 49	15 75	15 18	14 74	14 43	14 44
170000	16 62	18 41	17 44	16 84	16 10	15 13	14 97	15 82	15 47	15 54	15 16	14 77	14 40	14 29
180000	16 96	18 40	17 41	16 84	16 10	15 11	14 84	15 77	15 49	15 63	15 15	14 66	14 37	14 52
190000	16 97	18 32	17 37	16 77	16 12	15 12	14 99	15 83	15 47	15 59	15 15	14 61	14 28	14 36
200000	17 17	18 23	17 33	16 74	16 03	15 19	14 85	15 94	15 44	15 50	15 13	14 54	14 26	14 49
210000	16 75	18 26	17 29	16 72	15 96	15 17	14 75	15 87	15 41	15 44	15 11	14 49	14 25	14 47
220000	15 96	18 16	17 25	16 72	15 90	15 30	14 65	15 72	15 40	15 40	15 10	14 48	14 22	14 41
230000	15 68	18 06	17 19	16 69	15 87	15 40	14 57	15 69	15 38	15 35	15 06	14 41	14 18	14 31
Daily Max	17 17	18 76	17 93	17 14	16 65	15 95	15 48	15 94	15 51	15 75	15 34	15 03	14 43	14 52
Daily Min	15 31	15 46	17 19	16 69	15 87	15 11	14 57	14 65	15 19	15 13	15 06	14 41	14 18	14 05
Average	15 95	17 56	17 50	16 83	16 25	15 49	15 12	15 57	15 40	15 37	15 19	14 70	14 33	14 23

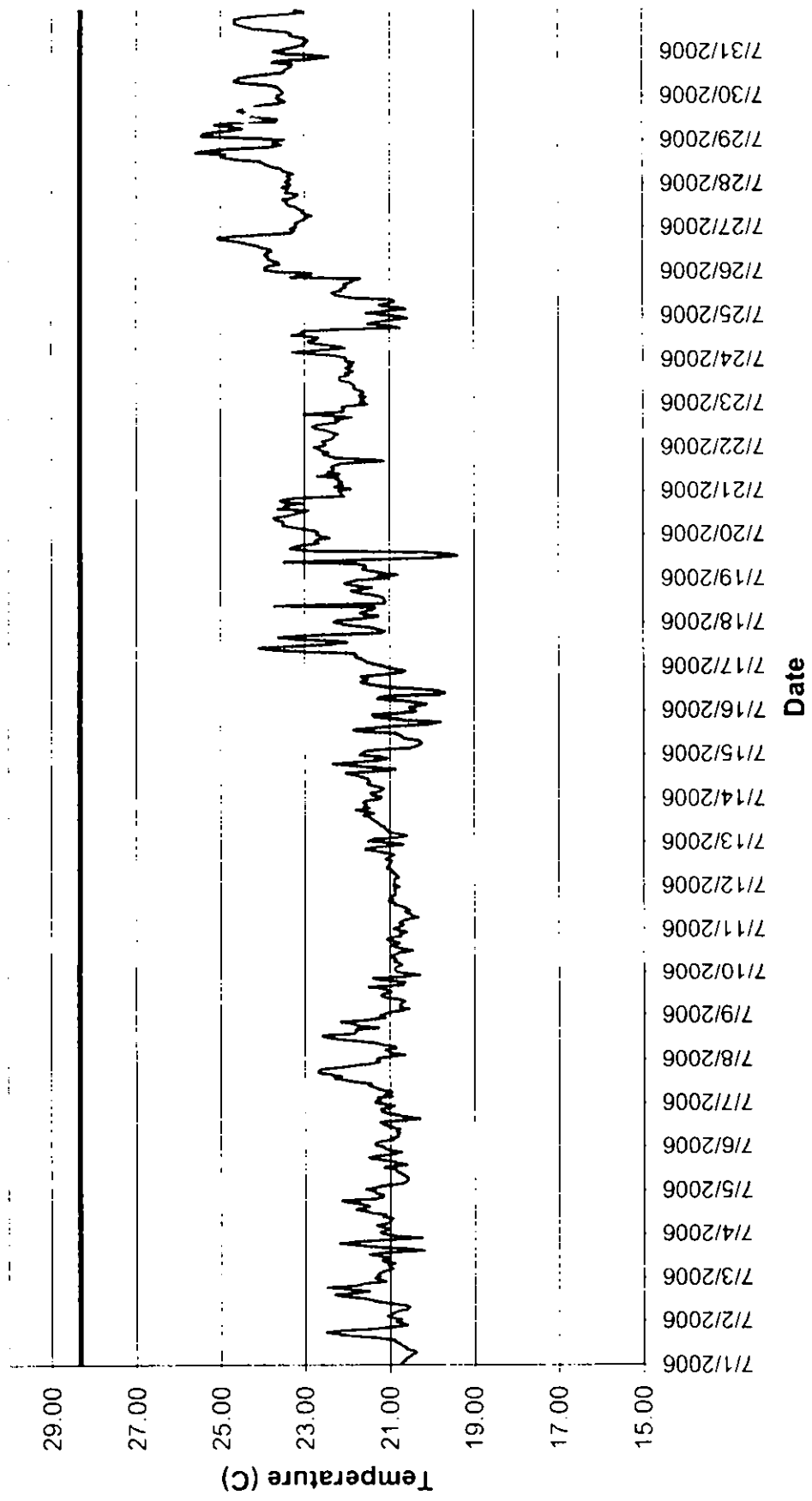
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Caldron Falls Tailwater - Water Temperatures 2006

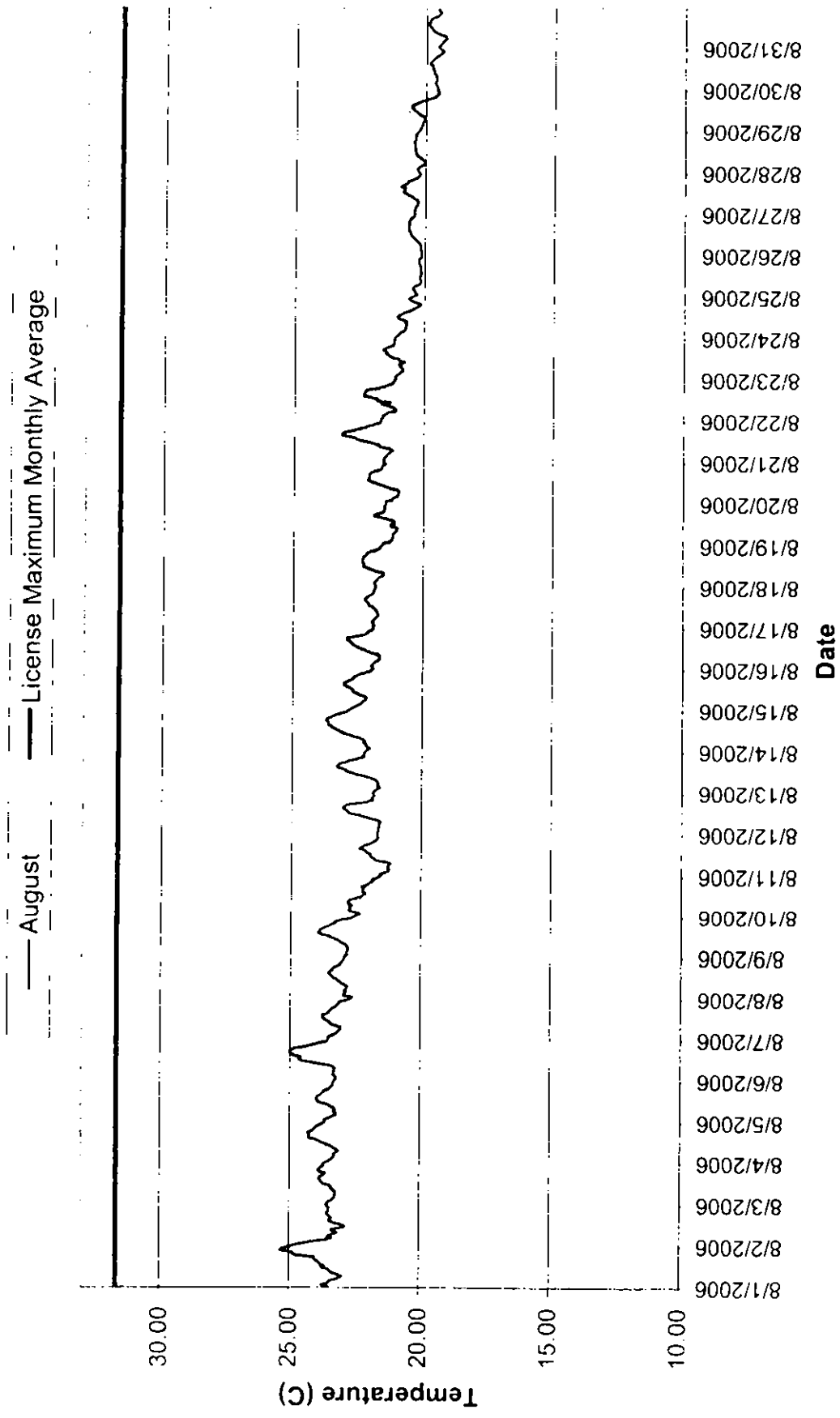


Caldron Falls Tailwater - Water Temperatures 2006

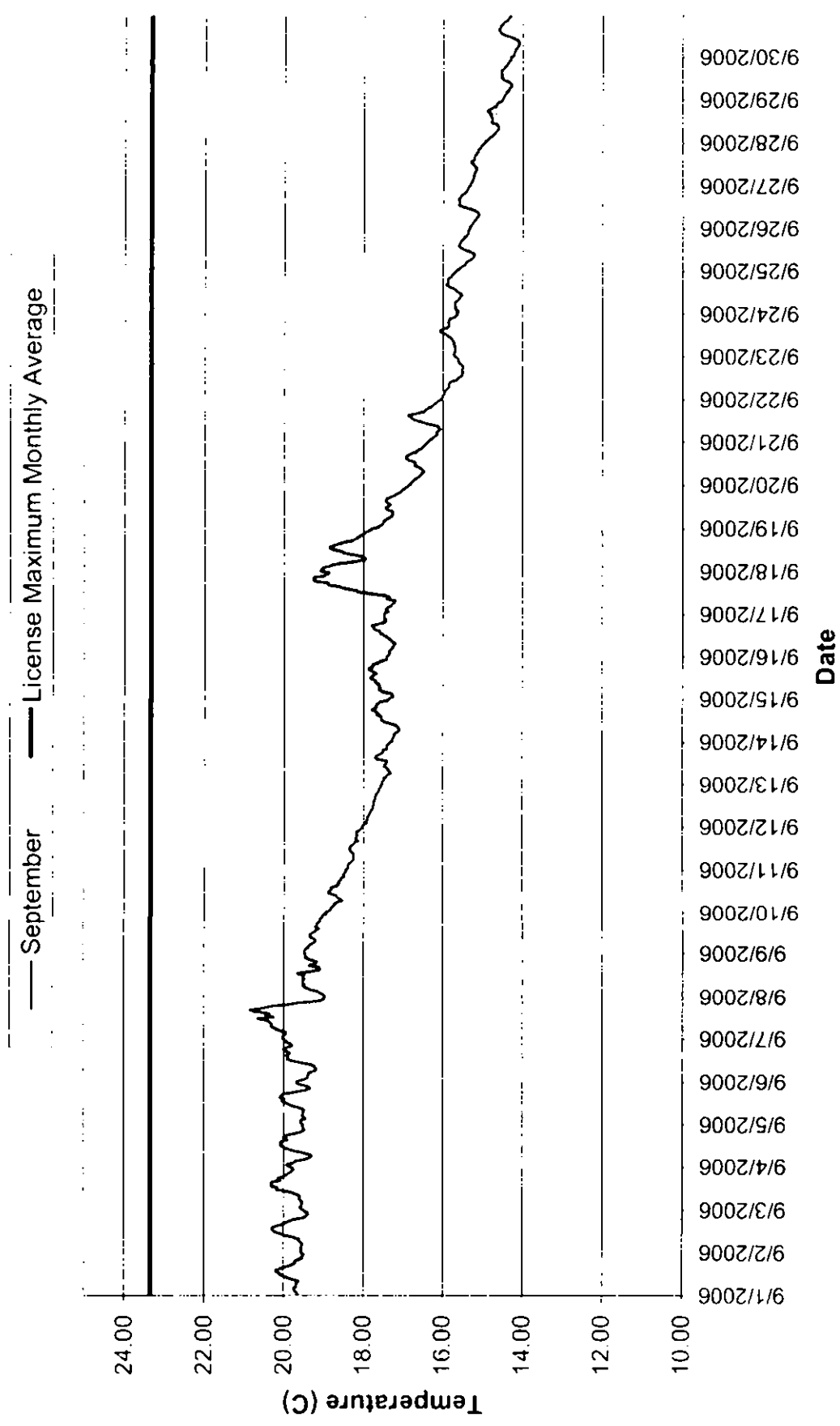
— July — License Maximum Monthly Average



Caldron Falls Tailwater - Water Temperatures 2006



Caldron Falls Tailwater - Water Temperatures 2006



Caldron Falls Headwater Temperature Summary - June 2006

Date	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
10000	11.97	12.37	12.87	12.47	12.55	12.85	12.93	12.71	13.08	13.12	13.08	13.38	13.55	13.42	13.41	13.26
10000	11.95	12.35	12.54	12.25	12.24	13.03	12.76	12.73	12.97	13.04	13.61	13.05	13.69	13.76	13.52	13.27
20000	11.84	13.24	12.54	12.26	12.11	13.10	12.68	12.85	12.94	13.07	13.42	12.88	13.51	13.68	13.02	13.39
30000	12.22	12.71	12.60	12.10	12.17	12.91	12.94	12.82	12.94	12.93	13.46	13.39	13.44	13.40	13.28	13.46
40000	12.07	12.87	12.41	12.22	12.37	12.99	12.89	12.59	13.01	12.96	13.56	13.29	13.55	13.14	13.27	13.49
50000	11.99	12.73	12.32	12.39	12.49	12.78	12.68	12.61	12.74	13.04	13.46	13.06	13.54	13.15	13.52	13.53
60000	12.81	13.01	12.26	12.52	12.34	12.59	12.53	12.48	12.92	13.13	13.31	13.10	13.63	12.98	14.01	13.90
70000	12.35	12.54	12.33	12.59	12.42	12.81	12.55	12.31	12.88	12.95	13.34	13.15	13.34	12.91	13.93	14.15
80000	12.09	12.34	12.44	12.49	12.39	12.73	13.15	12.14	12.80	13.07	13.53	13.21	13.28	12.77	13.73	14.35
90000	12.66	12.30	12.30	12.43	12.38	12.82	12.74	12.26	12.55	12.99	13.48	13.08	13.19	13.08	13.72	13.94
100000	12.18	12.13	12.18	12.51	12.66	12.44	12.65	12.25	12.44	12.91	13.32	13.14	13.16	12.84	13.62	14.06
110000	11.93	12.02	12.46	12.75	12.96	12.53	12.35	12.26	12.42	12.80	13.45	13.22	13.30	12.97	13.52	14.59
120000	12.09	12.17	12.64	12.63	12.90	12.56	12.55	12.57	12.58	13.05	13.54	13.28	13.12	12.91	13.51	14.49
130000	12.24	12.51	12.57	12.60	13.07	12.76	12.56	12.85	12.74	12.97	13.41	13.19	12.94	12.98	13.93	16.31
140000	12.06	12.51	12.51	12.52	12.62	12.53	12.78	12.99	13.08	13.13	13.17	13.12	13.37	13.23	14.24	14.11
150000	12.47	12.52	12.20	12.46	12.16	12.47	12.60	13.06	13.21	13.45	12.82	13.02	13.22	13.36	14.10	13.09
160000	12.30	12.43	12.21	12.56	12.10	12.42	12.82	13.21	13.07	13.23	13.05	12.89	13.12	13.39	13.73	13.13
170000	11.72	12.41	12.24	12.77	12.04	12.70	12.75	13.29	13.03	13.39	13.29	13.09	13.20	13.82	13.49	13.66
180000	12.26	12.07	12.92	12.46	12.30	12.91	12.45	13.45	12.83	13.19	13.27	13.42	13.11	13.86	13.09	14.78
190000	12.68	12.35	12.81	13.13	12.68	12.54	12.69	13.02	12.93	13.04	13.03	13.63	13.38	13.65	12.89	14.39
200000	12.13	12.62	12.43	12.83	12.57	12.60	12.93	12.67	12.88	12.80	13.34	13.32	13.34	12.97	13.28	14.01
210000	11.72	12.72	12.11	12.50	12.55	12.59	13.45	13.10	13.03	12.69	13.38	13.44	13.45	12.68	13.35	13.63
220000	11.90	12.19	12.36	12.42	12.60	12.82	13.61	13.04	13.22	12.61	13.95	13.48	14.15	12.91	13.02	13.29
230000	12.25	12.07	12.58	12.72	12.30	12.94	13.29	13.10	13.36	12.74	13.87	13.75	13.39	13.43	12.68	13.66
Daily Max	12.81	13.24	12.92	13.13	13.07	13.10	13.61	13.45	13.36	13.45	13.95	13.75	14.15	13.86	14.24	16.31
Daily Min	11.72	12.02	12.11	12.10	12.04	12.42	12.35	12.14	12.42	12.61	12.82	12.88	12.94	12.68	12.68	13.09
Average	12.16	12.47	12.45	12.52	12.46	12.73	12.81	12.77	12.90	13.01	13.38	13.23	13.37	13.22	13.49	13.91

Monthly average: 13.80
License Maximum Temperature 31.67

Caldron Falls Headwater Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	13.42	13.45	14.13	14.57	14.83	14.37	15.22	14.81	14.11	14.25	15.06	16.21	15.63	14.94
10000	13.93	14.31	13.72	14.70	14.40	13.89	15.33	14.59	14.34	14.60	15.33	14.40	15.48	14.39
20000	14.99	15.44	14.16	14.65	14.37	13.97	15.10	15.21	14.88	14.84	14.93	14.71	15.14	13.96
30000	14.53	15.52	14.18	13.83	14.52	14.88	14.18	14.45	15.00	14.70	14.74	14.84	14.69	14.06
40000	14.98	14.63	14.25	13.80	14.52	15.30	14.03	14.67	15.05	14.53	14.13	15.23	14.53	14.61
50000	15.24	14.16	13.71	13.69	13.62	14.75	14.23	14.80	14.68	14.59	14.36	15.37	14.37	14.91
60000	14.67	13.80	13.81	13.61	13.85	14.42	14.39	14.58	14.76	15.08	15.12	15.27	14.49	15.19
70000	13.61	13.09	14.18	13.69	13.91	14.55	14.38	14.44	15.19	15.28	15.08	15.26	14.59	14.82
80000	13.84	13.09	13.66	13.72	14.24	14.51	14.24	14.52	15.13	15.19	15.02	14.83	15.07	14.84
90000	13.61	13.64	13.83	13.91	14.36	14.74	14.13	14.36	14.92	15.07	15.02	14.83	15.07	14.84
100000	13.53	13.89	14.20	13.86	14.37	14.67	14.14	14.41	14.54	15.10	15.35	14.58	15.28	15.11
110000	14.21	13.99	14.88	13.98	14.52	13.77	14.49	14.17	14.36	15.01	14.61	14.42	14.68	15.04
120000	13.72	13.80	15.14	14.17	14.57	13.74	14.58	14.29	14.28	14.89	15.07	14.60	15.11	15.18
130000	13.87	13.61	14.21	14.45	14.27	13.81	14.52	14.41	14.36	14.92	14.91	15.09	14.82	14.89
140000	13.39	13.52	13.72	14.15	14.68	13.79	14.39	14.70	14.88	14.99	15.66	15.11	14.86	15.21
150000	13.52	13.65	13.62	14.05	15.16	13.87	14.60	14.76	14.24	14.95	15.58	15.37	14.55	15.06
160000	13.72	13.74	14.04	13.74	15.57	13.95	14.64	14.75	14.51	15.17	15.71	15.40	14.61	15.41
170000	14.55	13.82	15.56	13.76	15.56	14.41	14.47	14.40	14.39	14.59	14.82	15.05	15.18	15.53
180000	14.93	13.85	15.42	13.86	15.34	14.98	14.63	14.72	15.17	15.43	14.63	15.31	15.68	15.72
190000	14.02	13.80	14.63	14.19	14.96	15.44	14.69	15.20	14.99	14.91	14.36	14.49	15.61	14.78
200000	13.80	13.93	14.45	14.35	14.93	15.66	14.72	14.78	14.17	14.69	15.40	14.89	15.31	14.52
210000	13.28	13.91	14.24	14.31	14.93	14.45	14.41	14.63	13.94	14.61	15.12	15.27	15.44	14.67
220000	13.40	13.24	14.64	14.44	14.93	14.11	14.04	14.32	13.71	14.19	15.37	15.16	15.70	14.62
230000	13.05	13.77	14.72	14.81	14.63	14.81	14.36	14.21	14.06	14.76	16.13	15.42	15.67	15.39
Daily Max	15.24	15.52	15.56	14.81	15.57	15.66	15.33	15.21	15.19	15.43	16.13	16.21	15.70	15.72
Daily Min	13.05	13.09	13.62	13.61	13.62	13.74	14.03	14.17	13.71	14.19	14.13	14.40	14.37	13.96
Average	13.99	13.90	14.30	14.10	14.63	14.45	14.50	14.59	14.57	14.85	15.05	15.04	15.06	14.92

Caldron Falls Headwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	15 08	15 98	16 20	15 91	16 70	16 76	16 15	15 72	16 36	16 49	16 88	16 37	17 38	15 89	17 22	16 90
C	10000	15 37	16 12	14 82	15 59	15 93	16 08	16 37	15 81	15 82	16 02	16 32	16 22	16 11	15 95	16 90
	20000	14 98	16 29	15 57	15 42	15 21	14 80	16 58	15 40	15 83	15 88	16 35	15 28	16 20	15 84	15 70
	30000	14 76	15 60	15 19	15 41	14 89	15 10	16 28	15 41	15 70	15 58	16 08	15 07	16 49	15 99	15 03
	40000	15 13	15 20	15 30	15 83	15 24	15 39	16 03	16 01	15 94	15 77	16 01	16 07	16 11	15 99	16 37
	50000	15 69	15 65	15 36	15 59	14 83	15 12	15 76	16 14	15 81	16 01	16 17	15 82	16 33	16 05	16 74
	60000	15 67	15 55	15 37	15 28	14 98	15 66	15 97	16 17	15 96	15 91	16 81	15 77	17 30	16 21	16 78
	70000	15 17	14 68	14 53	15 20	15 36	15 89	16 08	15 42	15 97	15 92	16 90	16 25	17 04	16 62	16 07
	80000	15 10	14 67	15 24	15 83	15 39	15 39	16 05	15 36	16 39	16 15	16 92	16 74	15 96	16 53	16 38
	90000	15 09	15 02	15 08	15 56	15 77	15 52	16 11	15 27	16 38	15 96	16 49	16 57	15 97	16 63	15 21
	100000	15 01	15 06	15 04	16 00	15 54	15 55	16 46	15 53	16 73	15 83	16 70	16 04	16 00	16 62	15 97
	110000	14 97	15 29	14 93	15 57	15 34	15 61	16 63	15 88	16 11	16 09	16 46	15 97	16 37	16 79	16 44
	120000	14 74	14 90	15 62	15 11	15 79	15 96	16 66	15 28	15 77	16 14	16 31	16 07	16 86	17 12	16 99
	130000	14 66	15 36	14 95	15 80	15 63	16 20	16 62	14 83	15 98	16 27	16 50	16 59	16 82	16 76	16 92
	140000	14 97	15 37	14 46	15 70	15 12	15 90	15 46	15 21	16 51	16 30	17 09	16 42	16 03	16 04	16 95
	150000	15 27	14 93	14 65	15 57	14 95	15 64	15 02	15 88	16 56	15 84	16 73	15 76	16 21	15 83	16 74
	160000	16 01	14 56	16 57	15 64	16 08	15 83	15 07	14 98	16 31	15 88	15 74	16 05	17 03	16 03	16 57
	170000	16 26	14 93	17 17	16 63	16 35	16 20	15 79	14 85	15 84	15 79	16 06	15 96	18 12	16 85	16 38
	180000	15 78	15 87	16 87	17 01	15 94	16 42	16 48	15 76	16 14	15 59	16 41	16 30	17 70	17 15	16 59
	190000	14 38	16 02	15 62	15 70	16 15	16 77	17 08	16 38	16 17	15 73	16 68	16 18	16 95	17 52	16 86
	200000	14 44	15 28	14 36	15 44	15 22	16 01	17 07	16 32	15 29	15 69	16 63	16 22	16 32	17 77	16 78
	210000	14 84	15 19	14 81	15 97	15 40	15 75	16 40	15 59	15 17	15 82	15 18	16 00	16 12	17 58	16 57
	220000	15 87	15 72	15 39	16 35	15 67	15 67	16 19	15 37	15 59	16 36	15 35	16 04	17 22	15 70	16 76
	230000	15 74	16 87	16 36	16 63	16 47	15 60	16 57	16 14	16 08	16 33	16 77	15 96	17 35	16 52	16 75
Daily Max	16 26	16 87	17 17	17 01	16 70	16 76	16 77	17 08	16 38	16 73	16 88	17 09	17 38	18 12	17 77	16 99
Daily Min	14 38	14 56	14 36	14 82	14 83	14 89	14 80	15 02	14 83	15 17	15 58	15 18	15 07	15 89	15 70	15 03
Average	15 21	15 42	15 42	15 76	15 51	15 64	15 76	16 19	15 64	16 02	15 99	16 38	16 11	16 60	16 55	16 43
Monthly average	16 99															
License Maximum	31 67															

Caldron Falls Headwater Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	17.09	17.29	16.33	17.93	17.58	17.13	16.73	17.79	18.12	18.82	22.76	17.70	19.38	18.75	20.85
10000	17.72	16.33	16.31	17.77	17.73	17.17	17.29	17.45	17.71	19.32	21.30	19.52	21.79	19.66	19.99
20000	17.35	16.00	16.44	17.85	16.69	17.40	16.96	17.44	17.11	19.46	20.20	19.25	21.12	19.19	18.99
30000	17.40	16.20	16.92	17.99	16.49	17.37	17.06	17.99	16.75	21.04	19.85	19.90	21.53	19.80	17.13
40000	16.98	16.61	17.51	19.25	16.83	17.51	17.28	18.52	17.18	19.00	20.07	19.91	20.03	20.60	18.53
50000	17.20	16.29	17.81	19.00	16.87	17.04	17.31	17.17	17.53	20.05	18.81	19.35	18.21	19.93	18.67
60000	17.20	16.26	17.79	18.55	16.75	17.14	17.21	16.00	17.09	19.48	18.16	19.07	17.18	19.42	19.00
70000	16.46	16.75	18.23	18.79	16.70	17.29	16.52	20.18	17.36	20.18	19.24	19.86	20.24	20.90	18.82
80000	16.27	16.09	17.81	18.77	16.99	17.32	17.14	16.94	16.87	20.08	18.58	19.32	22.39	21.03	18.76
90000	15.55	16.72	17.33	17.78	16.77	17.30	17.16	18.44	17.31	19.71	17.82	18.87	21.00	20.71	18.41
100000	16.88	17.07	17.43	18.17	17.26	17.49	16.99	18.61	17.69	20.18	18.18	18.34	18.46	21.66	17.36
110000	16.45	16.83	16.77	17.19	17.04	17.62	17.55	18.11	18.39	19.59	19.63	18.05	17.39	18.73	18.44
120000	16.18	16.63	16.49	16.59	16.86	17.17	17.69	18.96	17.35	19.44	18.85	18.30	19.64	21.34	19.45
130000	15.80	16.49	16.65	18.03	17.02	17.20	17.51	18.45	16.38	23.19	18.53	19.10	19.11	20.32	19.50
140000	16.78	17.63	16.77	16.94	17.20	17.16	16.87	18.15	16.83	21.24	19.04	19.97	19.26	19.95	20.81
150000	16.98	17.40	18.47	17.04	17.07	17.28	16.73	19.53	16.93	20.51	19.23	20.57	19.99	18.43	19.69
160000	17.15	17.86	17.24	17.60	17.35	17.58	17.01	16.98	17.39	21.63	18.57	18.39	20.50	19.35	19.84
170000	17.09	18.23	15.95	17.56	18.04	17.46	16.89	15.78	18.26	20.04	18.64	20.34	19.75	19.51	19.65
180000	16.84	17.61	15.63	17.06	18.83	18.13	17.18	16.43	18.25	21.94	19.84	22.61	19.16	20.04	20.54
190000	16.49	17.02	16.77	19.47	18.85	16.91	17.26	18.05	18.37	19.76	18.96	21.74	17.49	18.42	19.27
200000	16.44	17.08	17.35	17.59	17.80	17.08	17.27	16.72	17.65	18.56	19.06	17.17	17.64	17.23	19.16
210000	17.03	17.99	17.18	17.06	17.37	16.97	17.87	17.16	19.28	18.79	19.34	18.19	17.86	18.79	18.00
220000	17.12	17.98	17.06	16.48	17.21	16.68	17.21	17.88	15.22	18.10	17.18	18.70	18.70	19.36	17.23
230000	17.03	16.84	18.13	16.92	17.00	16.52	17.36	17.19	17.05	20.04	17.64	17.80	18.54	20.42	18.05
Daily Max	17.72	18.23	18.47	19.47	18.85	18.13	17.87	19.53	19.28	23.19	22.76	22.61	22.39	21.66	20.85
Daily Min	15.80	16.00	15.63	16.48	16.49	16.52	16.73	15.78	15.22	18.10	17.18	17.17	17.18	17.23	17.13
Average	16.85	16.97	17.10	17.81	17.27	17.25	17.20	17.59	17.42	20.01	19.15	19.25	19.43	19.73	19.01

Caldron Falls Headwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	18.35	18.70	18.37	18.09	18.10	18.84	19.40	18.55	18.82	18.69	18.68	19.29	19.12	19.04	19.67	19.25
10000	18.58	19.38	18.24	17.55	18.41	18.70	19.71	18.94	19.08	19.02	19.66	18.96	18.74	19.24	19.92	19.49
20000	18.60	19.29	18.17	17.13	18.04	19.01	19.50	18.88	19.18	19.19	19.84	18.71	18.53	19.45	20.16	19.37
30000	18.37	19.14	18.05	17.07	18.01	18.62	19.73	18.57	18.86	19.46	20.06	18.60	18.49	19.26	19.85	19.34
40000	17.46	19.85	17.68	17.44	17.62	18.56	19.40	18.51	19.15	19.23	19.53	18.98	19.12	18.98	19.66	18.91
50000	16.99	19.47	17.44	18.00	18.01	18.43	19.36	18.51	19.37	19.71	18.99	19.11	19.15	18.79	19.71	18.77
60000	19.05	19.24	18.11	17.83	18.72	18.42	19.34	18.48	19.14	19.00	19.07	19.33	19.34	18.81	19.97	18.68
70000	20.89	19.00	18.02	17.84	18.64	18.39	19.61	18.67	19.16	19.08	19.37	19.33	19.33	19.06	19.90	18.64
80000	21.98	19.34	18.01	18.13	18.48	18.48	19.50	18.81	19.00	18.93	19.48	19.44	19.12	19.58	19.70	18.55
90000	21.63	18.76	17.74	18.46	18.76	18.91	19.43	18.61	18.81	18.94	19.35	19.38	19.28	19.97	19.45	18.70
100000	19.78	18.42	17.48	18.51	18.72	19.94	19.48	18.78	18.83	18.58	19.09	19.26	19.46	20.17	19.04	18.71
110000	22.20	16.57	17.44	18.46	18.63	20.57	19.19	18.75	18.97	18.23	18.86	19.14	19.63	19.67	18.83	18.75
120000	20.62	16.46	18.03	18.28	19.10	20.99	18.61	19.37	19.14	18.40	18.85	19.10	19.77	19.52	18.85	18.86
130000	18.64	17.22	18.27	18.97	18.79	19.87	18.41	19.26	19.44	19.16	19.29	19.65	19.47	19.88	18.55	18.82
140000	18.06	17.60	18.00	18.89	18.50	19.34	18.23	19.40	19.31	19.41	19.70	19.46	19.01	20.69	19.02	18.82
150000	19.49	17.52	17.54	18.73	18.63	19.69	18.65	19.38	19.11	19.27	19.92	18.87	18.87	21.59	18.81	19.00
160000	19.52	17.46	17.60	18.10	18.73	19.49	19.47	19.31	18.74	19.23	19.32	18.89	19.22	23.18	18.63	19.01
170000	19.02	18.06	17.54	18.54	18.94	19.55	19.82	19.25	18.74	19.43	18.67	18.22	19.16	23.24	18.75	19.11
180000	19.43	18.10	17.54	18.21	18.80	19.67	19.73	19.08	19.02	18.85	18.76	18.26	18.93	23.18	19.20	18.79
190000	18.78	18.13	18.71	18.59	18.89	19.40	19.56	19.45	18.79	18.27	18.38	18.92	18.63	23.28	19.28	18.40
200000	18.43	17.85	18.98	18.84	19.25	18.47	19.45	19.98	19.01	18.77	18.35	19.29	18.36	21.87	19.39	18.73
210000	19.69	17.74	18.26	19.12	18.97	17.96	19.44	19.57	19.27	18.77	18.42	19.43	18.61	19.96	18.90	18.87
220000	19.84	18.22	18.00	19.02	19.37	18.00	19.11	19.74	19.53	18.36	18.96	19.36	18.66	19.23	18.86	19.05
230000	18.85	18.41	18.33	18.64	19.15	18.58	18.76	19.51	18.92	18.16	19.32	19.60	18.79	19.43	19.13	19.01
Daily Max	22.20	19.85	18.98	19.12	19.37	20.99	19.82	19.98	19.53	19.71	20.06	19.65	19.77	23.28	20.16	19.49
Daily Min	16.99	16.46	17.44	17.07	17.62	17.96	18.23	18.48	18.74	18.16	18.35	18.22	18.36	18.79	18.55	18.40
Average	19.34	18.33	17.98	18.27	18.64	19.08	19.29	19.06	19.06	18.92	19.16	19.11	19.03	20.29	19.30	18.90

Monthly average 18.95
License Maximum Temperature 31.67

Caldron Falls Headwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	19.35	18.96	18.99	19.46	19.23	19.40	19.45	18.89	18.68	18.62	18.65	18.84	18.41	18.55	18.68
10000	19.47	19.00	19.12	19.37	19.24	19.40	19.35	18.65	18.42	18.83	18.79	19.05	18.56	18.66	18.68
20000	19.58	19.04	19.03	19.49	19.25	19.85	19.21	18.69	18.59	18.94	18.96	18.86	18.66	18.68	18.54
30000	19.22	19.05	19.02	19.37	19.32	19.73	19.82	18.83	18.49	19.00	19.16	18.68	18.77	18.77	18.46
40000	19.05	19.15	18.98	19.43	19.17	19.19	18.90	18.73	18.73	18.91	19.24	18.54	18.78	18.72	18.39
50000	19.14	18.97	18.91	19.40	19.07	18.82	18.92	18.87	19.08	18.89	19.25	18.41	18.69	18.60	18.43
60000	19.28	18.96	19.00	19.27	19.04	19.03	19.04	18.88	18.43	19.16	19.12	18.56	18.55	18.49	18.50
70000	19.34	19.10	19.18	18.99	19.11	19.02	18.99	18.92	18.30	19.19	19.06	18.48	18.49	18.52	18.55
80000	19.20	19.29	19.29	18.80	18.95	19.16	19.08	19.06	18.45	19.26	19.29	18.63	18.56	18.53	18.60
90000	19.01	19.27	19.34	18.75	19.16	19.12	19.04	19.07	18.71	19.26	19.19	18.75	18.57	18.53	18.66
100000	19.00	19.32	18.71	18.79	19.29	18.83	18.96	19.34	18.80	19.24	19.39	18.66	18.53	18.43	18.75
110000	18.91	19.29	17.98	18.91	19.39	18.69	18.83	19.01	18.79	19.21	19.22	18.57	18.59	18.38	18.73
120000	18.81	19.38	18.11	18.89	19.47	18.68	18.40	19.02	18.84	19.12	19.05	18.51	18.57	18.27	18.68
130000	18.94	19.34	18.85	18.73	19.48	18.74	18.46	18.83	18.91	19.17	18.83	18.47	18.68	18.25	19.31
140000	19.03	19.38	19.47	18.70	19.91	19.00	18.50	18.62	18.95	19.17	18.62	18.36	18.76	18.34	19.21
150000	19.18	19.12	20.09	18.72	20.23	19.06	18.68	18.56	18.80	19.05	18.78	18.51	18.77	18.47	19.23
160000	19.16	18.72	19.76	18.83	20.37	19.07	16.95	18.52	18.85	18.96	18.75	18.62	18.61	18.51	19.21
170000	18.92	18.81	19.50	18.83	19.42	18.92	19.19	18.42	19.03	18.99	18.80	18.53	18.44	18.49	19.21
180000	18.65	19.10	18.62	18.77	18.92	18.38	19.05	18.50	19.24	19.05	18.82	18.59	18.41	18.55	19.60
190000	18.65	19.13	18.26	18.82	18.30	18.26	18.94	18.54	19.34	19.11	18.71	18.74	18.21	18.61	19.50
200000	18.91	19.07	18.25	18.96	18.47	18.40	18.86	19.08	19.06	19.24	18.66	18.76	18.22	18.44	19.26
210000	19.18	18.90	18.71	19.08	18.74	18.55	18.89	19.13	18.77	19.16	18.64	18.74	18.20	18.25	19.43
220000	19.12	18.80	18.98	19.07	19.14	18.97	19.08	19.33	18.67	18.84	18.66	18.61	18.33	18.29	19.71
230000	19.21	18.88	19.25	19.05	18.98	19.21	19.16	19.26	18.57	18.64	18.69	18.45	18.54	18.30	19.95
Daily Max	19.58	19.38	20.09	19.49	20.37	19.85	19.45	19.34	19.34	19.26	19.39	19.05	18.78	18.77	19.95
Daily Min	18.65	18.72	17.98	18.70	18.30	18.26	18.40	18.42	18.30	18.62	18.62	18.36	18.20	18.25	18.39
Average	19.10	19.08	18.98	19.02	19.24	18.98	18.95	18.86	18.77	19.04	18.93	18.62	18.54	18.48	18.97

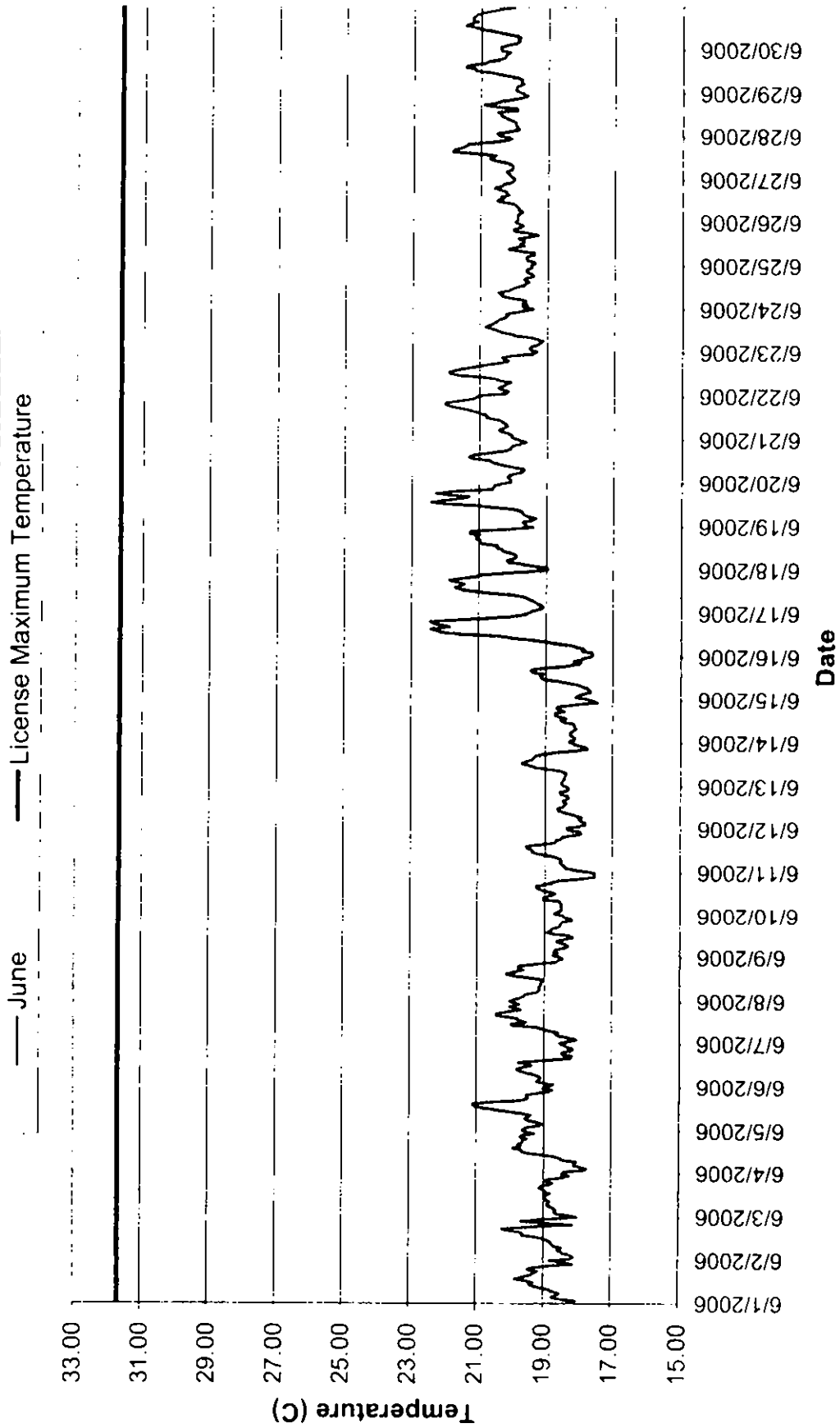
Caldron Falls Headwater Temperature Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	19.82	19.74	19.29	19.17	19.13	19.18	18.60	18.42	18.44	18.13	18.30	17.46	17.10	16.70	15.63	15.46
10000	19.61	19.87	19.38	19.18	19.10	18.77	18.54	18.57	18.51	18.11	18.26	17.38	17.11	16.71	15.62	15.59
20000	19.84	20.08	19.33	18.86	19.09	18.64	18.50	18.53	18.33	18.22	18.20	17.38	17.00	16.89	15.72	15.62
30000	20.00	19.72	19.13	18.61	19.01	18.67	18.43	18.66	18.11	18.23	17.93	17.30	17.09	16.70	15.90	15.66
40000	20.08	19.72	19.36	18.67	18.95	18.80	18.37	18.72	18.04	18.22	17.81	17.32	17.01	16.55	16.18	15.53
50000	20.03	19.79	19.86	18.73	18.82	18.83	18.44	18.77	18.05	18.27	17.76	17.39	17.20	16.62	16.07	15.57
60000	19.96	20.01	20.05	18.71	18.77	18.81	18.58	18.78	18.06	18.16	17.69	17.42	17.05	16.59	15.81	15.62
70000	19.87	20.09	20.12	18.70	18.78	18.61	18.66	18.75	18.21	18.16	17.55	17.30	17.07	16.83	15.85	15.61
80000	19.61	19.99	19.86	18.88	18.87	18.56	18.67	18.64	18.09	18.31	17.53	17.36	17.03	16.72	15.98	15.69
90000	19.95	20.13	19.76	18.84	18.86	18.47	18.63	18.54	18.09	18.25	17.61	17.28	17.07	16.58	16.11	15.71
100000	20.09	19.76	20.01	18.81	18.69	18.67	18.55	18.50	18.16	18.36	17.67	17.17	17.16	16.70	15.94	15.73
110000	19.83	19.64	19.92	18.74	18.76	18.65	18.55	18.52	18.18	18.29	17.67	17.22	17.00	16.81	15.80	15.95
120000	19.65	19.77	19.84	18.81	18.64	18.56	18.64	18.42	17.89	18.04	17.67	17.21	17.19	16.62	15.62	16.10
130000	19.50	19.61	19.74	18.70	18.75	18.53	18.75	18.01	17.99	18.04	17.60	17.08	17.07	16.55	15.56	15.94
140000	19.16	19.25	19.33	18.71	18.85	18.53	18.76	18.29	18.14	17.91	17.46	17.15	17.17	16.41	15.67	15.93
150000	19.56	19.05	19.54	18.57	19.21	18.60	18.89	18.36	18.43	17.95	17.51	17.21	17.11	16.49	15.60	15.97
160000	19.67	19.02	19.46	18.87	19.05	18.69	18.95	18.58	18.80	17.90	17.47	17.21	17.02	16.58	15.57	15.79
170000	19.70	18.90	19.45	18.90	18.83	18.78	18.95	18.67	18.79	18.05	17.35	17.08	16.97	16.46	15.88	16.12
180000	19.73	16.94	19.63	18.80	18.65	18.81	18.58	18.32	18.90	18.01	17.49	17.23	16.81	16.59	15.78	15.62
190000	19.64	18.82	19.91	18.88	18.64	18.71	18.43	18.44	18.77	17.99	17.56	17.20	16.74	16.67	15.73	15.28
200000	18.53	18.86	19.82	18.93	18.61	18.61	18.31	18.33	18.69	18.20	17.74	17.20	16.57	16.23	15.70	15.39
210000	19.60	18.90	19.69	18.97	18.80	18.65	18.31	18.23	18.63	18.16	17.64	17.16	16.66	15.86	15.66	15.41
220000	19.65	18.96	19.55	18.94	18.97	18.78	18.32	18.16	18.62	18.21	17.60	17.17	16.83	15.80	15.58	15.28
230000	19.80	19.19	19.15	19.02	19.61	18.66	18.37	18.44	18.34	18.31	17.55	17.20	16.85	15.67	15.40	15.45
Daily Max	20.09	20.13	20.12	19.18	19.61	19.18	18.95	18.78	18.90	18.36	18.30	17.46	17.20	16.89	16.18	16.12
Daily Min	19.16	18.82	19.13	18.57	18.61	18.47	18.31	18.01	17.89	17.90	17.35	17.08	16.57	15.67	15.40	15.28
Average	19.75	19.49	19.63	18.83	18.89	18.69	18.57	18.49	18.34	18.15	17.69	17.25	17.00	16.51	15.77	15.67
Monthly average	16.94															
License Maximum Temperature	31.67															

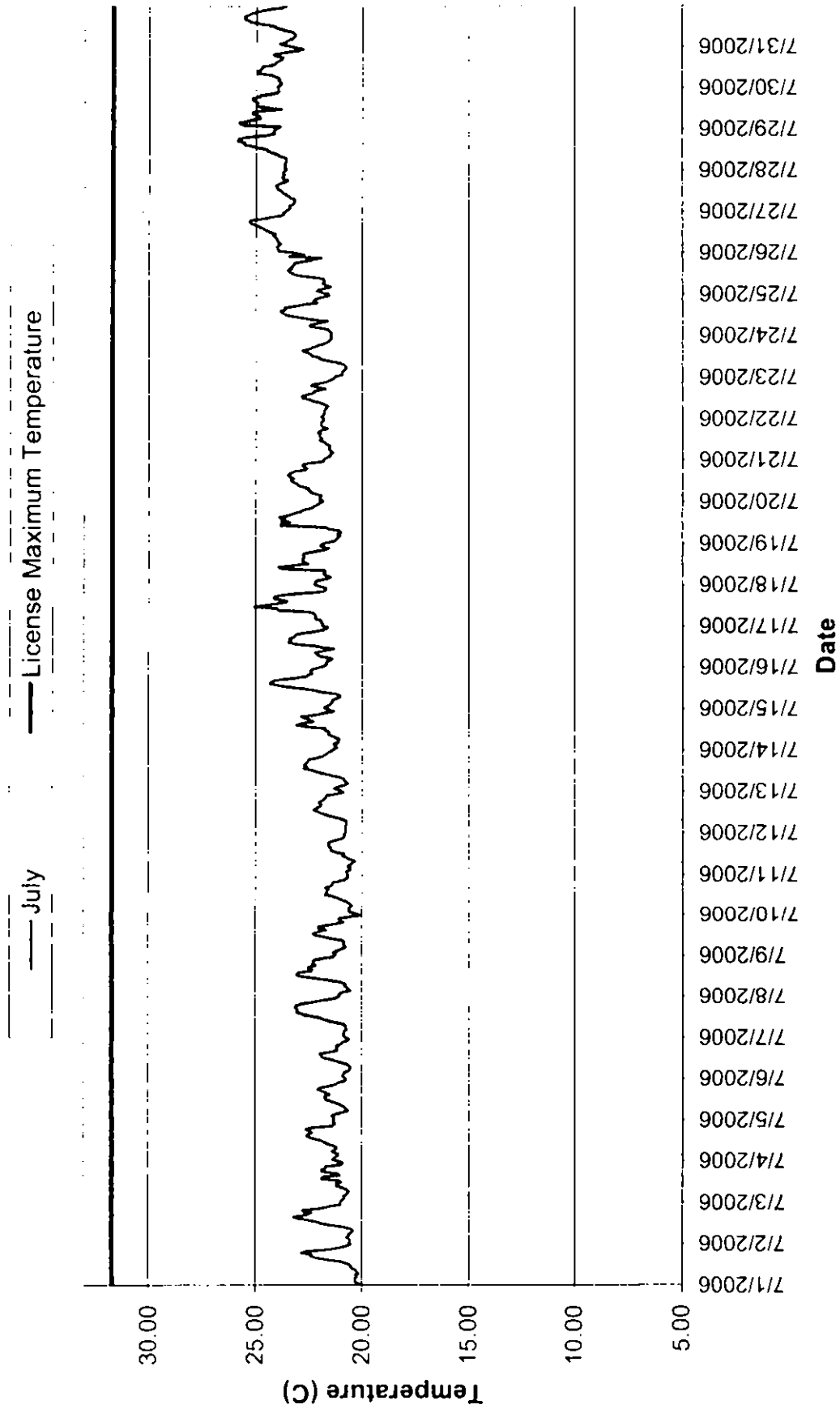
Caldron Falls Headwater Temperature Summary - September 2006

Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	15.49	17.42	17.93	17.14	16.55	15.90	15.33	14.65	15.42	15.37	15.34	15.03	14.38	14.14
10000	15.49	18.60	17.83	17.09	16.60	15.91	15.23	15.16	15.44	15.33	15.31	14.98	14.39	14.10
20000	15.47	18.58	17.78	17.04	16.55	15.89	15.42	15.08	15.48	15.30	15.27	14.93	14.37	14.07
30000	15.50	18.07	17.76	16.99	16.51	15.95	15.45	15.62	15.51	15.28	15.27	14.88	14.37	14.09
40000	15.33	16.44	17.70	16.94	16.48	15.85	15.32	15.76	15.50	15.24	15.25	14.84	14.37	14.12
50000	15.31	15.69	17.65	16.91	16.45	15.79	15.46	15.87	15.41	15.23	15.24	14.80	14.38	14.15
60000	15.45	15.48	17.57	16.86	16.42	15.77	15.48	15.72	15.35	15.19	15.23	14.76	14.38	14.14
70000	15.50	15.46	17.53	16.81	16.39	15.73	15.46	15.71	15.28	15.16	15.22	14.71	14.36	14.12
80000	15.87	15.67	17.49	16.76	16.36	15.68	15.19	15.61	15.26	15.13	15.19	14.68	14.34	14.08
90000	15.70	16.15	17.46	16.73	16.36	15.62	15.11	15.61	15.19	15.18	15.19	14.66	14.31	14.10
100000	15.74	16.80	17.44	16.71	16.34	15.44	15.15	15.37	15.20	15.21	15.17	14.64	14.32	14.09
110000	15.75	17.63	17.43	16.72	16.26	15.40	15.24	15.36	15.28	15.22	15.14	14.64	14.31	14.06
120000	15.65	17.33	17.43	16.73	16.09	15.39	15.26	15.36	15.34	15.34	15.13	14.62	14.30	14.12
130000	15.88	18.61	17.41	16.72	16.12	15.24	15.28	15.44	15.38	15.53	15.16	14.61	14.31	14.16
140000	16.05	18.76	17.42	16.73	16.12	15.25	15.07	15.48	15.42	15.47	15.16	14.63	14.34	14.25
150000	16.04	18.51	17.44	16.82	16.11	15.24	14.90	15.59	15.47	15.48	15.18	14.67	14.41	14.33
160000	16.39	18.41	17.44	16.84	16.13	15.24	14.91	15.66	15.49	15.75	15.18	14.74	14.43	14.44
170000	16.62	18.41	17.44	16.84	16.10	15.13	14.97	15.82	15.47	15.54	15.16	14.77	14.40	14.29
180000	16.96	18.40	17.41	16.84	16.10	15.11	14.84	15.77	15.49	15.63	15.15	14.66	14.37	14.52
190000	16.97	18.32	17.37	16.77	16.12	15.12	14.99	15.83	15.47	15.59	15.15	14.61	14.78	14.36
200000	17.17	18.23	17.33	16.74	16.03	15.19	14.85	15.94	15.44	15.50	15.13	14.54	14.26	14.49
210000	16.75	18.26	17.29	16.72	15.96	15.17	14.75	15.87	15.41	15.44	15.11	14.49	14.25	14.47
220000	15.96	18.16	17.25	16.72	15.90	15.30	14.65	15.72	15.40	15.40	15.10	14.48	14.22	14.41
230000	15.68	18.06	17.19	16.69	15.87	15.40	14.57	15.69	15.38	15.35	15.06	14.41	14.18	14.31
Daily Max	17.17	18.76	17.93	17.14	16.65	15.95	15.48	15.94	15.51	15.75	15.34	15.03	14.43	14.52
Daily Min	15.31	15.46	17.19	16.69	15.87	15.11	14.57	14.65	15.19	15.13	15.06	14.41	14.18	14.06
Average	15.95	17.56	17.50	16.83	16.25	15.49	15.12	15.57	15.40	15.37	15.19	14.70	14.33	14.23

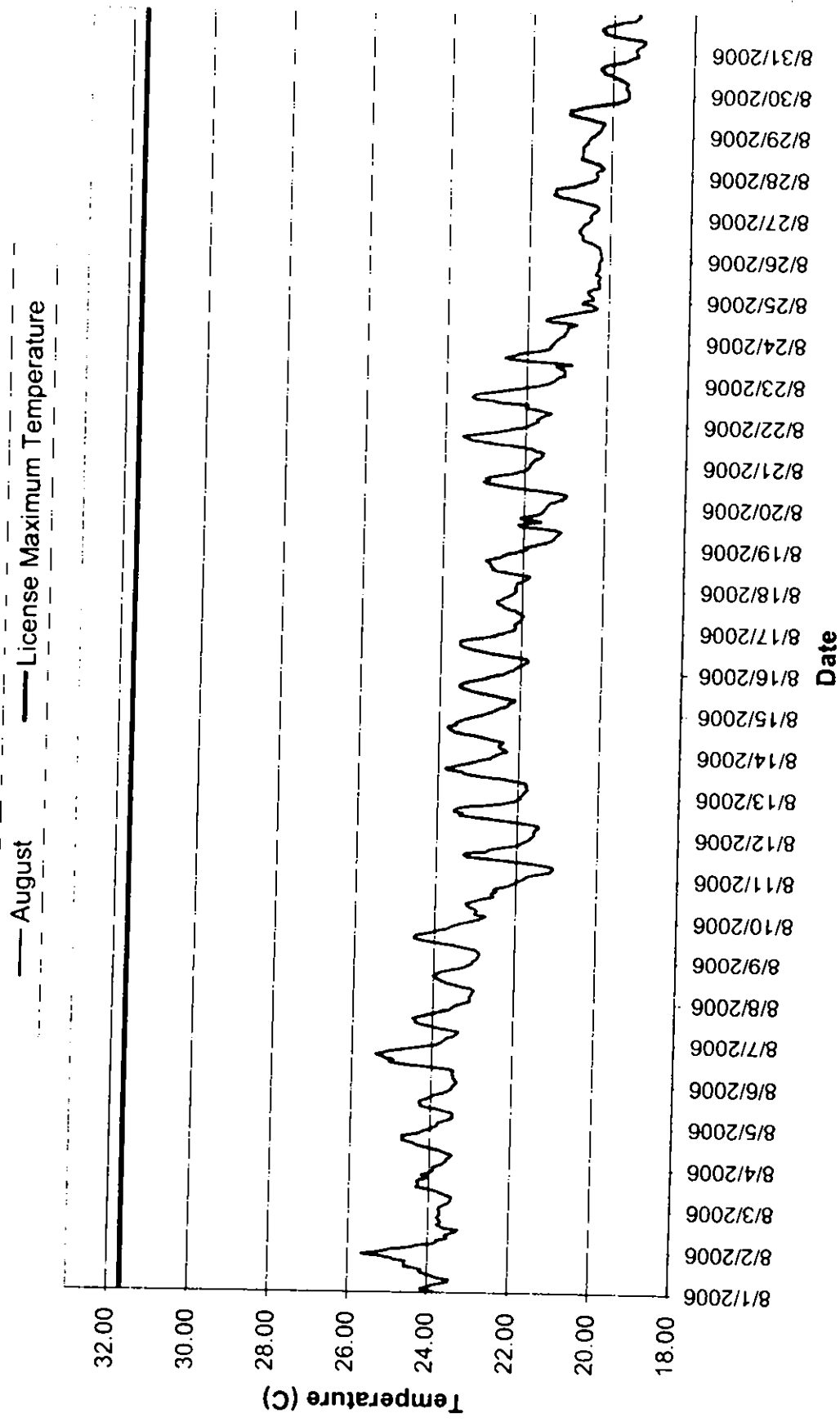
Caldron Falls Bridge - Water Temperatures June 2006



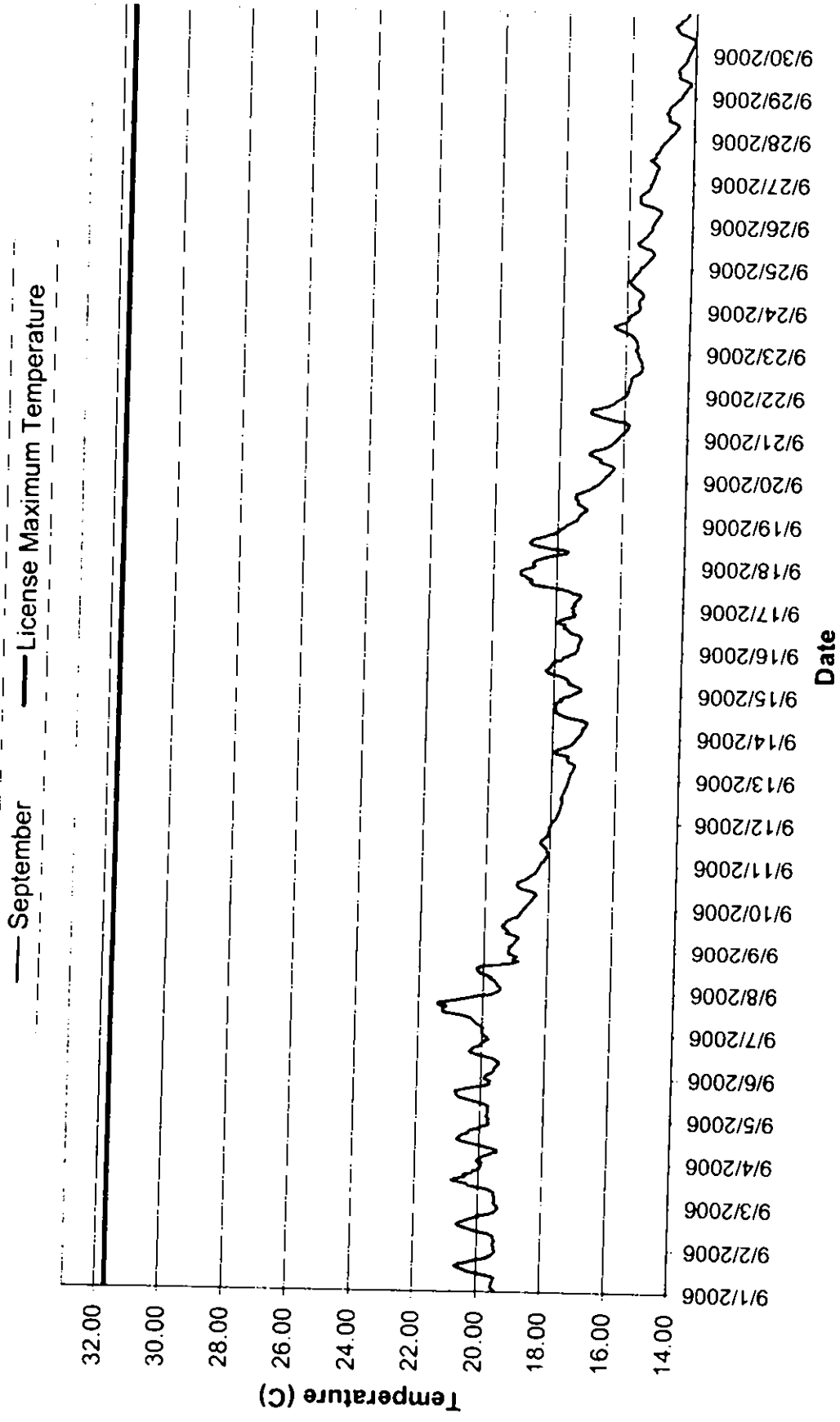
Caldron Falls Bridge - Water Temperatures July 2006



Caldron Falls Bridge - Water Temperatures August 2006



Caldron Falls Bridge - Water Temperatures September 2006



Caldron Falls Bridge Temperature Summary - June 2006

Time HHMMSS	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
0	18.27	18.18	18.20	18.38	19.64	18.81	18.52	20.02	18.55	18.47	17.69	18.36	18.47	18.29	17.78	17.60
10000	18.03	18.10	18.59	17.83	19.51	18.72	18.23	19.88	18.74	18.71	18.11	17.99	18.52	18.14	18.09	17.61
20000	18.57	18.18	18.68	17.71	19.19	19.07	18.02	19.67	18.60	18.61	18.37	17.80	18.49	18.11	18.03	17.62
30000	18.74	18.44	18.64	17.91	19.04	19.21	18.26	19.62	18.71	18.50	18.41	17.81	18.43	18.19	17.82	17.92
40000	18.59	18.48	18.71	18.10	19.18	19.13	18.54	19.56	18.70	18.48	18.50	17.88	18.43	18.28	17.65	17.86
50000	18.53	18.58	18.84	18.09	19.44	19.08	18.67	19.25	18.40	18.51	18.55	17.98	18.42	18.25	17.69	18.04
60000	18.69	18.45	18.90	18.03	19.55	19.15	18.57	19.15	18.29	18.50	18.51	17.89	18.37	18.16	17.75	18.26
70000	18.83	18.66	18.84	18.43	19.44	19.32	18.82	19.14	18.35	18.52	18.55	18.04	18.38	18.07	17.87	18.66
80000	19.06	18.75	18.83	18.53	19.36	19.54	19.21	19.16	18.52	18.57	18.67	18.24	18.59	18.12	18.04	18.98
90000	19.24	18.77	18.98	18.68	19.69	19.69	19.21	19.10	18.64	19.04	18.94	18.44	18.96	18.14	18.24	19.43
100000	19.40	18.82	18.95	19.07	20.05	19.80	19.93	19.10	18.38	19.03	19.21	18.60	19.29	18.16	18.64	19.95
120000	19.52	19.16	18.81	19.64	20.48	19.67	19.97	19.07	18.17	18.82	19.39	18.62	19.48	18.43	19.02	20.43
130000	19.84	19.62	18.93	19.66	21.02	19.35	19.52	19.38	18.26	18.68	19.38	18.48	19.70	18.55	19.12	21.41
140000	19.63	19.60	18.97	19.92	21.12	19.48	19.76	19.89	18.73	18.88	19.53	18.42	19.56	18.37	19.17	22.01
150000	19.37	19.68	18.97	19.66	20.69	18.83	20.15	20.11	18.79	19.19	19.14	18.48	19.39	18.60	19.05	22.25
160000	19.27	20.12	19.08	19.75	19.66	18.20	20.42	19.87	18.79	19.24	18.70	18.37	19.29	18.73	19.39	22.42
170000	19.15	20.23	18.83	19.64	19.48	18.16	20.41	19.61	18.57	19.00	18.67	18.29	19.06	18.71	19.45	21.87
180000	19.46	19.06	18.73	19.64	19.49	18.44	20.03	19.78	18.52	18.75	18.53	18.33	18.61	18.43	19.27	21.99
190000	19.35	18.14	18.94	19.50	19.52	18.47	19.69	19.75	18.52	18.58	18.48	18.53	18.03	18.58	18.54	22.32
200000	18.81	18.98	18.85	19.69	19.27	18.21	19.90	19.29	18.43	18.02	18.18	18.56	17.73	18.68	18.21	22.44
210000	18.12	19.65	18.42	19.61	18.84	18.13	20.03	18.65	18.16	17.51	17.92	18.34	17.80	18.50	17.94	21.76
220000	18.39	18.94	18.23	19.28	18.75	18.30	19.72	18.58	18.23	17.51	17.96	18.28	18.01	18.10	18.16	20.68
230000	18.80	18.00	18.44	19.52	19.02	18.39	19.84	18.46	18.41	17.52	18.31	18.35	18.20	17.45	17.97	20.02
Daily Max	19.84	20.23	19.10	19.92	21.12	19.80	20.42	20.11	18.91	19.24	19.55	18.62	19.70	18.73	19.45	22.44
Daily Min	18.03	18.00	18.20	17.71	18.75	18.13	18.02	18.46	18.16	17.51	17.69	17.80	17.73	17.45	17.65	17.60
Average	18.96	18.90	18.77	18.99	19.68	18.95	19.38	19.38	18.52	18.57	18.64	18.27	18.69	18.28	18.36	20.05

Monthly average: 19.82
License max temp. 31.67

Caldron Falls Bridge Temperature Summary - June 2006

Time HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	19.49	18.94	19.61	20.07	19.92	20.91	19.31	19.41	19.49	19.96	19.99	20.45	19.81	20.42
10000	19.43	18.97	19.64	20.06	20.06	20.22	19.46	19.74	19.38	19.90	20.09	20.51	19.98	20.42
20000	19.19	19.46	19.70	20.11	20.04	20.14	19.52	19.59	19.39	19.88	20.12	20.15	19.94	20.18
30000	19.08	19.74	19.42	20.16	20.17	20.29	19.45	19.74	19.60	19.89	20.16	19.87	19.93	19.95
40000	19.11	20.12	19.31	20.10	20.37	20.44	19.28	19.64	19.63	19.90	20.23	19.88	19.83	19.86
50000	19.23	20.17	19.55	19.80	20.42	20.33	19.20	19.70	19.62	19.90	20.09	19.94	19.74	19.91
60000	19.30	19.95	19.66	19.69	20.24	20.21	19.12	20.14	19.39	19.77	20.04	19.98	19.82	19.83
70000	19.44	19.87	19.72	19.66	20.17	20.07	19.24	20.35	19.41	19.86	20.05	19.96	19.78	19.93
80000	19.55	19.93	19.73	19.92	20.22	20.38	19.47	20.33	19.74	19.89	20.08	20.06	19.91	20.18
90000	19.64	20.05	19.97	20.17	20.31	20.54	19.90	20.44	20.16	19.95	20.26	20.17	20.15	20.47
100000	20.02	20.27	20.50	20.43	20.33	20.88	20.11	20.15	20.01	20.03	20.54	20.28	20.42	20.73
110000	20.66	20.32	21.17	20.62	20.62	21.56	20.37	20.01	19.70	20.34	20.72	20.39	20.71	21.00
120000	21.24	20.44	22.11	20.70	20.80	21.87	20.45	19.91	19.83	20.50	20.70	20.40	21.18	21.22
130000	21.53	20.46	22.42	21.18	20.78	21.92	20.65	19.71	19.69	20.30	20.54	20.49	21.16	21.47
140000	21.71	20.88	21.98	21.32	20.97	21.66	20.83	19.64	19.69	20.39	21.21	19.92	21.48	21.28
150000	21.52	20.98	21.50	21.14	21.11	21.37	20.68	19.54	19.87	20.15	21.85	19.93	21.35	21.12
160000	21.44	20.98	21.31	20.73	21.37	21.07	20.59	19.70	19.55	20.24	21.79	20.51	20.89	21.27
170000	21.67	21.09	21.95	20.29	21.62	20.70	20.50	19.68	19.27	20.23	21.59	20.91	20.75	21.25
180000	21.88	21.10	22.29	20.09	21.89	20.33	20.42	19.41	19.50	20.42	21.46	20.53	20.43	21.21
190000	21.55	20.98	21.60	20.07	22.03	20.15	20.29	19.44	19.94	20.59	21.40	20.42	20.28	21.12
200000	21.09	21.27	20.61	20.03	22.00	20.29	20.17	19.56	20.03	20.34	20.76	20.08	20.29	20.95
210000	20.92	21.25	20.57	19.80	21.57	20.33	20.23	19.64	19.83	20.33	20.25	19.77	20.22	20.68
220000	20.09	20.30	20.53	19.60	21.20	19.98	20.01	19.58	19.73	20.07	20.09	19.62	20.13	20.35
230000	19.38	19.40	20.37	19.75	21.07	19.44	19.66	19.46	19.83	20.00	20.18	19.70	20.38	20.02
Daily Max	21.88	21.27	22.42	21.32	22.03	21.92	20.83	20.44	20.16	20.59	21.85	20.91	21.48	21.47
Daily Min	19.08	18.94	19.31	19.60	19.92	19.44	19.12	19.41	19.27	19.76	19.99	19.62	19.74	19.83
Average	20.34	20.29	20.63	20.23	20.80	20.63	19.95	19.77	19.68	20.11	20.59	20.16	20.36	20.62

Caldron Falls Bndge Temperature Summary - July 2006

Time HHMMSS	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	20.07	20.57	20.93	21.35	21.27	20.81	20.80	21.05	21.20	20.27	20.68	20.72	20.99	21.28	21.75	21.76
10000	20.26	20.53	20.86	21.27	21.34	20.90	20.86	21.06	21.32	20.56	20.73	20.77	21.31	21.16	21.64	21.64
20000	20.31	20.57	20.80	21.14	21.37	20.85	20.83	20.87	21.21	20.98	20.55	20.76	21.18	21.27	21.47	21.69
30000	20.31	20.68	20.81	21.09	21.12	20.78	20.81	20.51	20.91	20.61	20.52	20.77	20.76	21.30	21.41	21.58
40000	20.21	20.59	20.69	21.25	20.82	20.60	20.67	20.64	20.74	20.53	20.65	20.73	20.66	21.08	21.39	21.37
50000	20.28	20.59	20.62	21.38	20.83	20.56	20.74	20.68	20.80	20.46	20.55	20.72	20.69	21.09	21.29	21.55
60000	20.15	20.46	20.59	21.21	20.72	20.54	20.74	20.79	20.84	20.52	20.44	20.71	20.84	21.07	21.05	21.96
70000	20.24	20.40	20.71	21.18	20.80	20.58	20.81	20.72	20.82	20.64	20.30	20.82	20.85	21.27	21.05	22.14
80000	20.26	20.48	20.90	21.28	20.93	20.69	21.12	20.97	20.92	20.76	20.51	21.07	20.85	21.27	21.05	22.19
90000	20.44	20.79	21.17	21.51	21.11	20.97	21.52	21.28	21.35	20.96	20.68	21.43	21.17	21.45	21.21	22.19
100000	20.51	21.40	20.97	21.75	21.41	21.26	21.79	21.94	21.82	21.18	20.90	21.73	21.91	21.52	21.78	21.79
110000	20.56	21.86	20.97	21.84	21.64	21.56	22.04	22.47	22.18	21.41	20.81	21.98	22.15	21.73	22.72	21.88
120000	20.72	22.04	21.07	22.13	21.70	21.78	22.39	22.91	22.28	21.71	21.10	22.13	22.39	21.72	23.32	22.24
130000	20.94	22.43	21.87	22.37	21.73	21.89	22.74	23.05	22.04	21.65	21.39	22.25	22.71	22.41	23.83	23.01
140000	21.68	22.97	21.80	22.57	21.50	21.93	23.00	22.92	21.67	21.63	21.48	22.05	22.60	23.04	24.32	23.44
150000	22.09	23.18	21.02	22.49	21.64	21.55	23.05	22.36	22.00	21.54	21.44	21.94	22.70	22.78	24.26	23.32
160000	22.38	22.64	21.14	22.31	21.80	21.13	23.00	22.35	22.05	21.69	21.54	21.92	22.60	22.28	24.08	23.42
170000	22.34	22.34	21.83	22.47	22.06	21.13	23.10	22.52	21.49	21.39	21.58	22.00	22.53	22.48	23.28	23.19
180000	22.81	22.70	21.89	22.61	21.90	21.21	23.05	22.15	21.09	21.37	21.49	21.84	22.48	22.69	22.59	23.12
190000	22.56	22.75	21.69	22.31	21.53	21.14	22.86	22.30	20.84	21.32	21.30	21.76	22.13	22.83	22.51	23.00
200000	21.53	21.90	21.69	21.39	21.20	20.96	22.36	22.28	21.04	20.98	20.98	21.70	21.84	22.17	22.35	22.52
210000	20.97	21.51	21.02	21.23	21.06	20.85	21.84	22.24	21.07	20.68	20.83	21.65	21.68	21.71	22.41	21.97
220000	20.71	21.00	20.86	21.32	20.76	20.64	21.38	21.81	20.53	20.68	20.83	21.15	21.60	21.30	22.37	21.66
230000	20.51	21.00	21.04	21.31	20.72	20.57	21.09	21.33	20.09	20.63	20.82	20.84	21.45	21.52	22.16	21.60
Daily Max	22.81	23.18	21.89	22.61	22.06	21.93	23.10	23.05	22.28	21.71	21.58	22.25	22.71	23.04	24.32	23.44
Daily Min	20.07	20.40	20.59	21.09	20.63	20.54	20.67	20.51	20.09	20.27	20.30	20.71	20.66	21.07	21.05	21.30
Average	20.95	21.47	21.13	21.70	21.28	21.04	21.77	21.72	21.26	20.99	20.92	21.39	21.70	21.78	22.35	22.22

Monthly average: 22.24
 License Maximum Monthly Average: 31.67

Caldron Falls Bridge Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	0 21.86	22.22	21.72	21.81	21.81	21.81	21.28	21.48	21.61	23.16	23.62	23.56	23.99	24.01	23.56
10000	21.85	22.21	21.31	21.98	21.68	21.90	20.92	21.39	21.91	23.91	23.50	23.67	23.82	24.01	23.89
20000	21.91	22.15	21.22	21.99	21.49	21.81	20.93	21.50	22.12	23.94	23.40	23.64	25.55	23.80	23.61
30000	21.93	21.69	21.13	21.92	21.49	21.77	20.91	21.57	21.78	23.99	23.45	23.66	25.80	23.87	23.50
40000	22.19	21.45	21.04	22.12	21.36	21.78	20.80	21.85	21.45	23.95	23.30	23.61	25.38	23.98	23.29
50000	22.18	21.66	21.16	22.34	21.46	21.75	20.72	22.42	21.61	23.83	23.20	23.58	25.03	23.89	23.19
60000	22.21	21.78	20.97	22.48	21.54	21.68	20.74	22.45	21.86	23.93	23.19	23.56	24.81	24.06	23.15
70000	22.26	21.71	21.07	22.49	21.50	21.59	20.84	22.01	21.77	23.98	23.18	23.66	24.87	24.31	23.20
80000	22.52	21.73	21.52	22.70	21.52	21.75	21.09	21.63	21.78	24.00	23.37	23.87	25.03	24.95	23.34
90000	23.90	23.66	21.66	22.96	21.66	21.94	21.51	22.22	21.82	24.08	23.47	24.03	25.18	24.89	23.67
100000	24.02	23.89	23.81	23.04	21.73	22.30	21.97	22.80	22.55	24.20	23.61	24.26	24.68	24.72	23.99
110000	25.03	23.27	23.79	23.27	22.02	22.47	22.03	23.32	23.06	24.06	23.75	24.46	23.83	24.75	24.09
120000	24.49	22.52	23.37	23.32	21.89	22.79	22.33	23.57	23.26	24.30	23.81	24.51	24.47	24.67	24.41
130000	23.97	22.73	23.78	23.19	21.97	22.81	22.40	23.71	23.39	24.47	23.96	24.89	24.99	24.17	24.84
140000	23.51	22.78	23.61	23.39	22.01	22.47	22.57	23.82	23.48	24.63	24.02	25.32	24.95	24.06	25.31
150000	23.72	22.76	23.88	23.49	21.97	22.21	22.79	23.59	23.30	24.81	24.05	25.54	24.93	23.94	25.41
160000	24.14	22.69	23.45	23.39	22.07	22.27	22.47	23.64	23.29	24.93	23.90	25.52	25.07	23.81	25.55
170000	24.08	22.76	23.15	23.17	21.88	21.70	22.26	23.11	23.18	25.22	23.64	25.86	25.18	23.72	25.56
180000	23.61	22.70	22.88	22.65	21.63	21.97	22.07	22.58	23.17	25.28	23.50	25.83	24.98	24.03	25.36
190000	22.81	22.27	22.76	22.57	21.85	22.40	21.80	22.07	22.73	25.26	23.73	25.44	24.77	24.20	25.19
200000	21.78	21.84	22.40	22.72	21.91	22.27	21.61	22.28	22.38	24.69	23.76	24.58	24.32	23.71	24.94
210000	21.66	21.55	22.21	22.79	21.93	21.64	21.49	22.20	21.94	24.11	23.66	24.12	23.93	23.03	24.50
220000	21.69	21.89	22.08	22.40	21.92	21.52	21.44	21.91	23.41	23.70	23.72	24.18	23.97	22.76	23.86
230000	21.99	21.96	21.99	21.82	21.81	21.31	21.44	21.53	22.71	23.73	23.70	24.16	23.94	23.09	23.59
Daily Max	25.03	23.89	23.88	23.49	22.07	22.81	22.79	23.82	23.48	25.28	24.05	25.86	25.80	24.95	25.56
Daily Min	21.66	21.45	20.97	21.81	21.36	21.31	20.72	21.39	21.45	23.16	23.18	23.56	23.82	22.76	23.15
Average	22.89	22.32	22.33	22.67	21.75	22.00	21.60	22.44	22.48	24.26	23.60	24.40	24.73	24.01	24.21

Caldron Falls Bridge Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	23.84	25.03	23.76	23.93	23.84	23.43	23.80	23.17	23.03	23.12	21.83	21.66	21.94	22.55	22.79	22.33
10000	24.13	24.87	23.73	23.82	23.83	23.38	23.74	23.08	22.96	22.96	21.78	21.61	21.88	22.45	22.66	22.18
20000	24.16	24.43	23.65	23.69	23.81	23.38	23.68	23.11	22.93	22.82	21.71	21.58	21.87	22.30	22.61	22.14
30000	23.95	24.25	23.54	23.62	23.66	23.43	23.64	23.11	22.90	22.74	21.47	21.61	21.80	22.37	22.49	22.07
40000	23.89	23.87	23.48	23.57	23.51	23.46	23.50	23.05	22.89	22.99	21.19	21.56	21.77	22.48	22.36	21.99
50000	23.66	23.78	23.46	23.58	23.45	23.46	23.45	23.05	22.88	23.00	21.14	21.56	21.81	22.51	22.29	21.90
60000	23.48	23.80	23.44	23.49	23.47	23.48	23.38	23.02	22.91	22.97	21.10	21.46	21.79	22.49	22.29	21.84
70000	23.46	23.53	23.43	23.44	23.44	23.47	23.36	23.00	22.95	23.00	21.10	21.49	21.81	22.39	22.13	21.83
80000	23.70	23.54	23.56	23.53	23.49	23.44	23.57	23.09	23.12	23.12	21.25	21.67	21.87	22.53	22.13	21.91
90000	23.85	23.57	23.66	23.65	23.65	23.56	23.81	23.32	23.31	23.19	21.52	21.95	22.11	22.75	22.43	22.22
100000	23.98	23.42	23.79	23.78	23.85	24.04	24.01	23.49	23.52	23.24	21.97	22.37	22.41	22.95	22.63	22.53
110000	24.13	23.32	23.89	23.97	24.10	24.55	24.19	23.68	23.81	23.13	22.40	22.73	22.82	23.16	22.86	22.81
120000	24.20	23.26	24.07	24.15	24.24	24.86	24.37	23.77	24.02	22.97	22.78	23.08	23.11	23.41	23.05	22.99
130000	24.15	23.62	24.32	24.30	24.27	25.06	24.45	23.87	24.32	22.86	23.22	23.44	23.34	23.61	23.23	23.18
140000	24.35	23.72	24.26	24.43	24.28	24.96	24.42	23.94	24.49	22.55	23.33	23.38	23.42	23.69	23.39	23.37
150000	24.59	23.78	24.28	24.57	24.28	25.16	24.50	24.02	24.52	22.59	23.26	23.58	23.73	23.76	23.48	23.49
160000	24.59	23.71	24.30	24.71	24.12	25.23	24.32	23.96	24.46	22.62	22.76	23.57	23.82	23.80	23.52	23.52
170000	24.59	23.70	24.24	24.68	24.02	25.39	24.12	23.86	24.21	22.49	22.69	23.47	23.58	23.58	23.46	23.52
180000	24.55	23.75	24.06	24.71	23.95	25.23	23.94	23.70	24.01	22.57	22.46	23.20	23.44	23.60	23.32	23.51
190000	24.86	23.78	24.12	24.52	23.80	25.09	23.80	23.51	23.90	22.50	22.18	22.72	23.25	23.53	23.14	23.33
200000	24.92	23.76	24.19	24.26	23.63	24.86	23.59	23.32	23.69	22.28	21.97	22.37	23.09	23.45	22.94	23.00
210000	25.31	23.71	24.02	24.19	23.55	24.49	23.52	23.20	23.58	22.13	21.87	22.15	22.91	23.27	22.77	22.71
220000	25.65	23.75	23.92	24.06	23.48	24.20	23.47	23.09	23.48	22.04	21.78	22.02	22.71	23.11	22.61	22.60
230000	25.32	23.73	23.93	23.96	23.48	23.92	23.34	23.06	23.35	21.98	21.70	21.94	22.66	22.93	22.42	22.45
Daily Max	25.65	25.03	24.32	24.71	24.28	25.39	24.50	24.02	24.52	23.24	23.33	23.58	23.82	23.80	23.52	23.52
Daily Min	23.46	23.26	23.43	23.44	23.44	23.38	23.34	23.00	22.88	21.98	21.10	21.46	21.77	22.30	22.13	21.83
Average	24.30	23.82	23.88	24.03	23.80	24.23	23.83	23.39	23.55	22.74	22.02	22.34	22.62	23.03	22.79	22.64

Monthly average 22.26
 License Maximum Monthly Average 31.67

Caldron Falls Bridge Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	22 29	22 15	21 90	21 46	21 87	21 89	21 50	21 33	20 61	20 23	20 47	20 35	20 46	19 61	19 43
0															
10000	22 17	22 18	21 94	21 43	21 88	21 81	21 41	21 30	20 39	20 19	20 50	20 35	20 40	19 61	19 43
20000	22 16	22 17	21 76	21 40	21 83	21 71	21 31	21 24	20 39	20 20	20 49	20 35	20 36	19 61	19 46
30000	22 17	22 15	21 58	21 30	21 80	21 73	21 25	21 16	20 43	20 22	20 45	20 38	20 29	19 63	19 42
40000	22 20	22 14	21 41	21 16	21 77	21 66	21 20	21 07	20 49	20 22	20 41	20 33	20 28	19 68	19 37
50000	22 12	22 03	21 30	21 06	21 62	21 60	21 06	21 10	20 51	20 24	20 34	20 20	20 26	19 68	19 28
60000	22 06	21 93	21 25	20 99	21 59	21 51	21 07	21 05	20 53	20 23	20 30	20 19	20 24	19 64	19 23
70000	22 00	21 85	21 23	20 95	21 56	21 37	21 05	21 00	20 40	20 26	20 30	20 26	20 18	19 63	19 21
80000	22 01	21 84	21 17	21 00	21 55	21 55	21 07	21 01	20 25	20 29	20 36	20 31	20 22	19 70	19 28
90000	21 97	22 06	21 11	21 30	21 74	21 72	21 17	20 99	20 24	20 37	20 52	20 45	20 39	19 77	19 56
100000	22 03	22 37	21 07	21 70	21 82	22 01	21 27	20 78	20 25	20 45	20 73	20 60	20 59	19 89	19 86
110000	22 11	22 62	21 21	22 11	22 04	22 01	21 27	20 96	20 27	20 59	20 91	20 75	20 79	20 00	20 07
120000	22 16	22 77	21 60	22 35	22 33	21 95	21 19	21 41	20 28	20 67	21 06	20 72	20 95	20 04	20 24
130000	22 31	22 75	22 03	22 65	22 75	22 62	21 93	21 56	20 26	20 70	21 28	20 73	21 08	20 24	20 20
140000	22 46	22 81	22 14	22 96	23 07	22 85	22 42	21 46	20 24	20 68	21 42	20 72	21 00	20 22	20 30
150000	22 49	22 81	21 91	23 02	23 34	23 26	22 56	21 29	20 25	20 72	21 36	20 73	21 05	20 31	20 27
160000	22 61	22 83	21 58	22 87	23 44	23 36	22 33	21 09	20 34	20 76	21 39	20 71	20 84	20 30	20 19
170000	22 64	22 92	21 86	22 96	23 56	23 32	22 23	20 83	20 32	20 77	21 38	20 73	20 62	20 21	20 02
180000	22 55	22 80	22 10	22 78	23 31	23 18	21 99	20 61	20 28	20 74	21 16	20 69	20 40	20 09	19 86
190000	22 49	22 60	21 93	22 52	23 02	22 88	21 67	20 38	20 26	20 70	20 88	20 66	20 08	19 84	19 63
200000	22 38	22 52	21 69	22 28	22 71	22 57	21 49	20 28	20 27	20 68	20 80	20 59	19 86	19 67	19 46
210000	22 29	22 40	21 56	22 10	22 46	22 23	21 42	20 37	20 26	20 64	20 61	20 60	19 73	19 58	19 40
220000	22 23	22 21	21 52	21 95	22 27	21 99	21 43	20 45	20 28	20 54	20 48	20 56	19 64	19 48	19 35
230000	22 18	22 06	21 51	21 93	22 01	21 73	21 36	20 66	20 26	20 49	20 37	20 53	19 60	19 38	19 38
Daily Max	22 64	22 92	22 14	23 02	23 56	23 36	22 56	21 56	20 61	20 77	21 42	20 75	21 08	20 31	20 30
Daily Min	21 97	21 84	21 07	20 95	21 55	21 37	20 87	20 28	20 24	20 19	20 30	20 19	19 60	19 38	19 21
Average	22 25	22 37	21 60	21 93	22 31	22 19	21 51	20 97	20 34	20 48	20 75	20 52	20 39	19 83	19 66

Caldron Falls Bridge Temperature Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	19.42	19.46	19.43	19.91	19.72	19.88	19.97	19.47	19.22	18.74	18.28	17.93	17.45	17.19	17.37	17.31
10000	19.48	19.46	19.50	20.06	19.76	19.82	20.01	19.44	19.19	18.69	18.26	17.89	17.44	17.13	17.26	17.27
20000	19.53	19.50	19.48	20.00	19.79	19.64	19.99	19.46	19.20	18.62	18.18	17.83	17.42	17.09	17.15	17.28
30000	19.52	19.48	19.48	19.89	19.76	19.59	19.98	19.54	19.12	18.56	18.14	17.80	17.40	17.07	17.15	17.28
40000	19.51	19.44	19.47	19.77	19.77	19.58	19.97	19.56	19.07	18.54	18.11	17.78	17.38	17.07	17.21	17.26
50000	19.48	19.46	19.48	19.58	19.74	19.56	20.11	19.61	19.02	18.51	18.07	17.76	17.35	17.04	17.43	17.22
60000	19.47	19.48	19.52	19.44	19.75	19.52	20.18	19.66	19.00	18.45	18.05	17.73	17.32	16.96	17.55	17.20
70000	19.43	19.51	19.51	19.44	19.74	19.44	20.23	19.80	18.93	18.39	18.08	17.72	17.28	16.94	17.54	17.18
80000	19.52	19.65	19.58	19.64	19.75	19.44	20.31	19.74	18.95	18.43	18.10	17.70	17.30	16.93	17.58	17.20
90000	19.76	19.92	19.76	19.88	19.89	19.50	20.36	19.93	19.10	18.55	18.10	17.70	17.36	17.07	17.65	17.30
100000	20.08	20.13	20.03	20.14	20.10	19.62	20.55	20.09	19.30	18.75	18.17	17.67	17.48	17.31	17.84	17.47
110000	20.30	20.34	20.31	20.38	20.33	19.80	20.83	20.16	19.26	18.96	18.22	17.66	17.52	17.59	18.03	17.57
120000	20.43	20.47	20.35	20.59	20.52	20.08	21.21	20.17	19.34	19.00	18.29	17.65	17.50	17.77	18.20	17.61
130000	20.55	20.65	20.60	20.70	20.69	20.25	21.24	20.21	19.44	18.99	18.30	17.69	17.50	17.86	18.28	17.72
140000	20.68	20.58	20.83	20.62	20.75	20.37	21.25	20.05	19.44	19.01	18.24	17.67	17.75	17.95	18.16	17.76
150000	20.55	20.46	20.69	20.56	20.73	20.31	21.11	19.51	19.34	18.85	18.17	17.65	17.92	17.92	18.11	17.70
160000	20.30	20.27	20.42	20.35	20.80	20.25	21.39	19.08	19.31	18.69	18.09	17.63	17.92	17.99	18.10	17.98
170000	20.08	20.11	20.47	20.36	20.58	20.08	21.41	18.93	19.22	18.65	18.06	17.60	17.78	17.94	18.07	17.91
180000	19.76	19.93	20.23	20.27	20.34	20.02	21.00	19.09	19.11	18.55	18.07	17.58	17.60	17.93	18.00	17.82
190000	19.65	19.66	20.17	20.03	19.98	19.97	20.72	19.05	18.96	18.47	18.04	17.56	17.45	17.89	17.77	17.57
200000	19.54	19.48	20.00	19.89	19.73	19.88	20.37	18.95	18.90	18.41	18.05	17.52	17.41	17.76	17.73	17.41
210000	19.46	19.42	19.97	19.72	19.72	19.78	20.13	19.16	18.87	18.37	18.04	17.51	17.32	17.80	17.59	17.40
220000	19.44	19.37	19.93	19.71	19.72	19.85	19.71	19.23	18.81	18.34	17.99	17.49	17.28	17.66	17.51	17.48
230000	19.44	19.38	19.92	19.77	19.86	19.91	19.58	19.20	18.79	18.32	17.96	17.47	17.26	17.51	17.34	17.46
Daily Max	20.68	20.65	20.83	20.70	20.80	20.37	21.41	20.21	19.44	19.01	18.30	17.93	17.92	17.99	18.28	17.98
Daily Min	19.42	19.37	19.43	19.44	19.72	19.44	19.58	18.93	18.79	18.32	17.96	17.47	17.26	16.93	17.15	17.18
Average	19.81	19.82	19.96	20.03	20.06	19.84	20.48	19.55	19.12	18.62	18.13	17.67	17.47	17.47	17.69	17.47

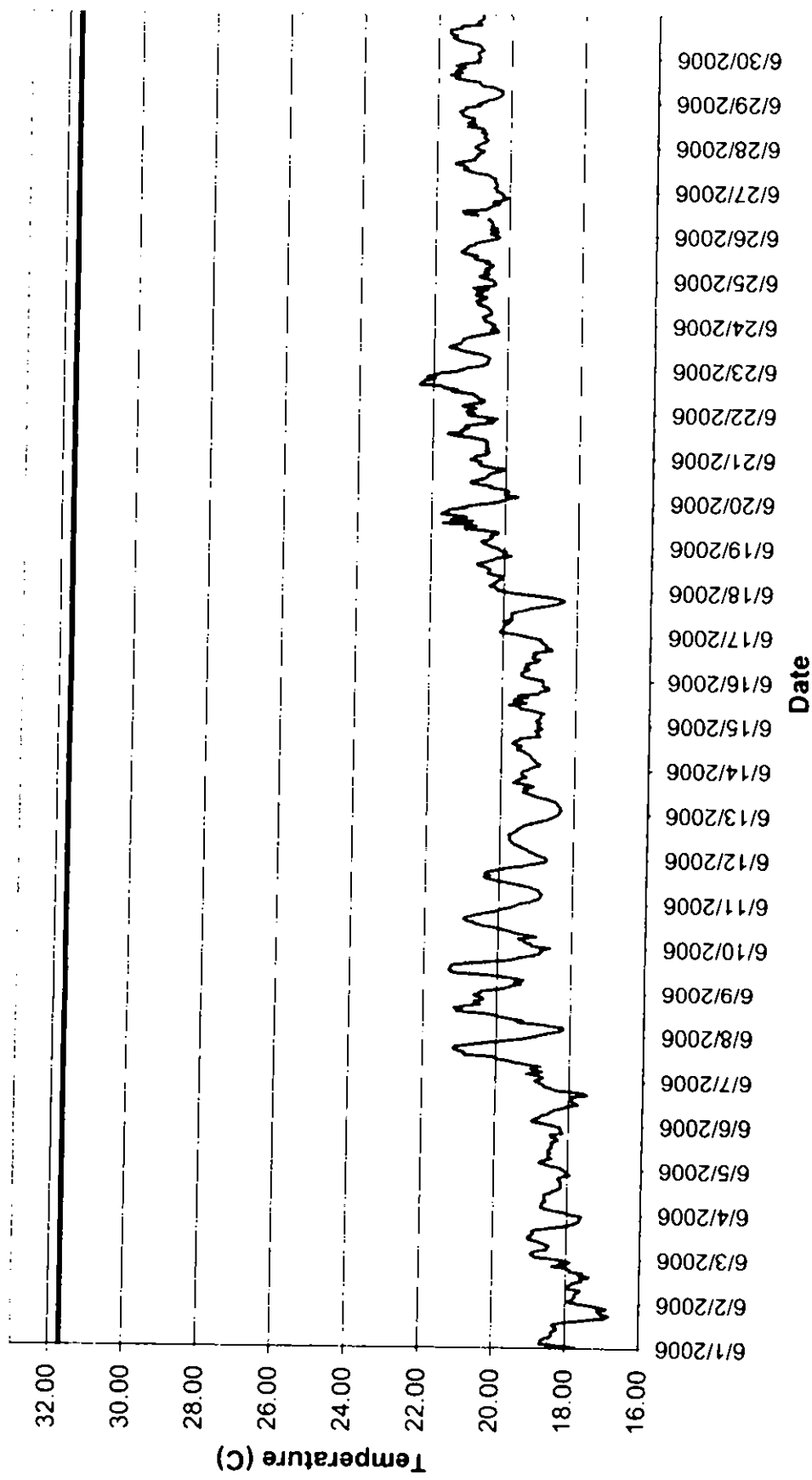
Monthly average 17.54
 License Maximum Monthly Average 31.67

Caldron Falls Bridge Temperature Summary - September 2006

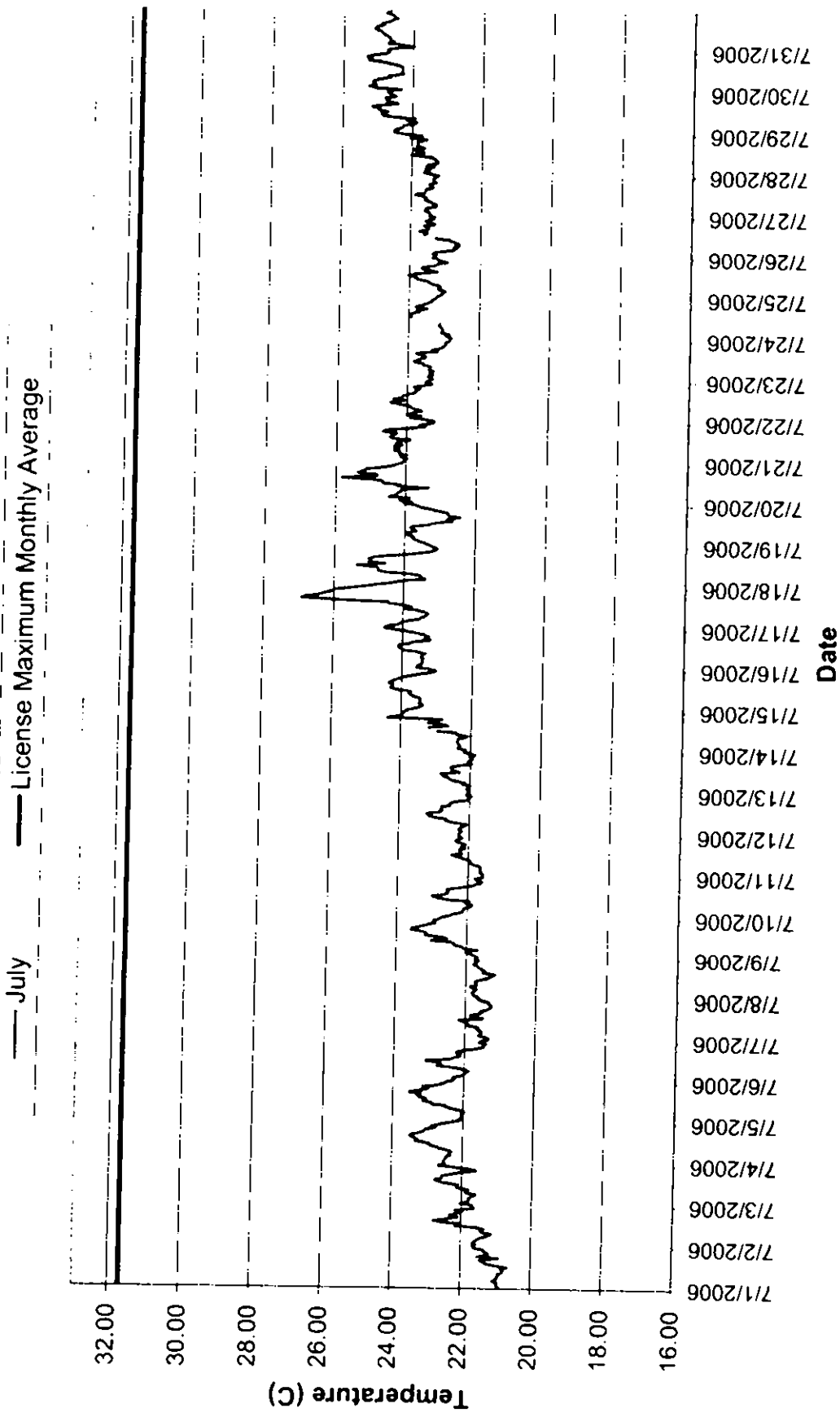
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	17.46	18.69	17.64	16.65	16.17	15.98	15.62	15.62	15.59	15.23	15.29	14.84	14.41	14.20
10000	17.50	18.76	17.52	16.59	16.12	15.93	15.66	15.58	15.51	15.20	15.26	14.79	14.39	14.20
20000	17.40	18.75	17.40	16.56	16.07	15.90	15.68	15.57	15.44	15.18	15.24	14.74	14.36	14.15
30000	17.44	18.64	17.37	16.50	16.01	15.88	15.63	15.62	15.38	15.14	15.22	14.69	14.31	14.13
40000	17.40	18.50	17.35	16.42	15.96	15.87	15.63	15.61	15.33	15.10	15.21	14.63	14.27	14.10
50000	17.33	18.33	17.31	16.39	15.90	15.86	15.64	15.62	15.30	15.06	15.18	14.58	14.24	14.08
60000	17.26	18.05	17.22	16.34	15.86	15.84	15.65	15.60	15.25	15.02	15.16	14.54	14.20	14.04
70000	17.22	17.75	17.13	16.28	15.84	15.81	15.67	15.53	15.19	14.99	15.15	14.50	14.13	14.03
80000	17.25	17.65	17.09	16.27	15.84	15.80	15.71	15.49	15.18	14.98	15.10	14.49	14.13	14.03
90000	17.50	17.80	17.17	16.39	15.96	15.81	15.75	15.48	15.20	15.07	15.09	14.53	14.20	14.06
100000	17.63	18.21	17.28	16.58	16.27	15.79	15.82	15.51	15.26	15.21	15.14	14.63	14.32	14.18
110000	17.84	18.56	17.39	16.73	16.52	15.76	15.92	15.60	15.38	15.38	15.24	14.79	14.50	14.28
120000	18.23	18.77	17.38	16.69	16.72	15.62	16.04	15.68	15.54	15.56	15.26	14.79	14.49	14.50
130000	18.68	18.87	17.38	16.76	16.88	15.55	16.23	15.77	15.64	15.67	15.36	14.77	14.50	14.55
140000	18.78	18.81	17.47	16.89	17.04	15.48	16.32	15.80	15.69	15.65	15.19	14.80	14.50	14.58
150000	18.84	18.77	17.44	17.07	17.03	15.48	16.37	15.88	15.63	15.63	15.20	14.88	14.52	14.59
160000	18.78	18.55	17.46	17.05	17.00	15.45	16.22	15.91	15.54	15.66	15.20	14.80	14.51	14.64
170000	18.95	18.38	17.33	16.92	16.72	15.48	16.07	15.88	15.51	15.59	15.14	14.79	14.46	14.57
180000	18.97	18.17	17.19	16.69	16.49	15.49	15.95	15.82	15.41	15.53	15.08	14.79	14.39	14.48
190000	19.15	18.03	17.03	16.53	16.37	15.48	15.93	15.78	15.39	15.46	15.05	14.74	14.34	14.47
200000	19.16	17.97	16.96	16.42	16.30	15.51	15.89	15.78	15.34	15.39	15.03	14.68	14.29	14.37
210000	19.14	17.88	16.86	16.34	16.23	15.55	15.89	15.68	15.28	15.35	14.99	14.60	14.26	14.30
220000	18.99	17.81	16.76	16.27	16.14	15.60	15.81	15.64	15.27	15.34	14.96	14.56	14.24	14.26
230000	18.76	17.73	16.70	16.22	16.05	15.60	15.71	15.62	15.26	15.33	14.90	14.46	14.23	14.21
Daily Max	19.16	18.87	17.64	17.07	17.04	15.98	16.37	15.91	15.69	15.67	15.36	14.88	14.52	14.64
Daily Min	17.22	17.65	16.70	16.22	15.84	15.45	15.62	15.48	15.18	14.98	14.90	14.46	14.13	14.03
Average	18.15	18.31	17.24	16.56	16.31	15.69	15.87	15.67	15.40	15.32	15.15	14.68	14.34	14.29

High Falls Tailrace - Water Temperature - June 2006

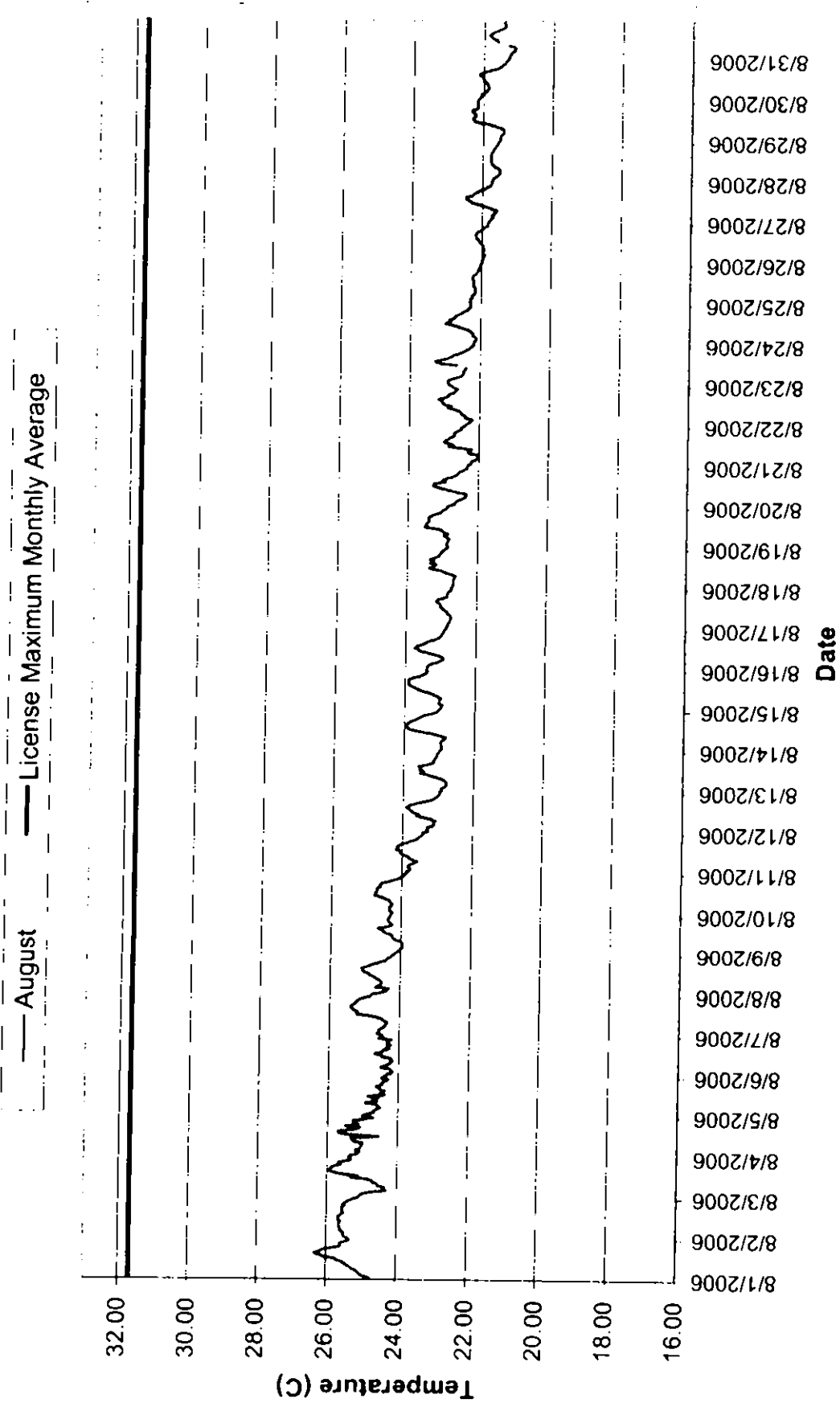
— June
— License Maximum Monthly Average



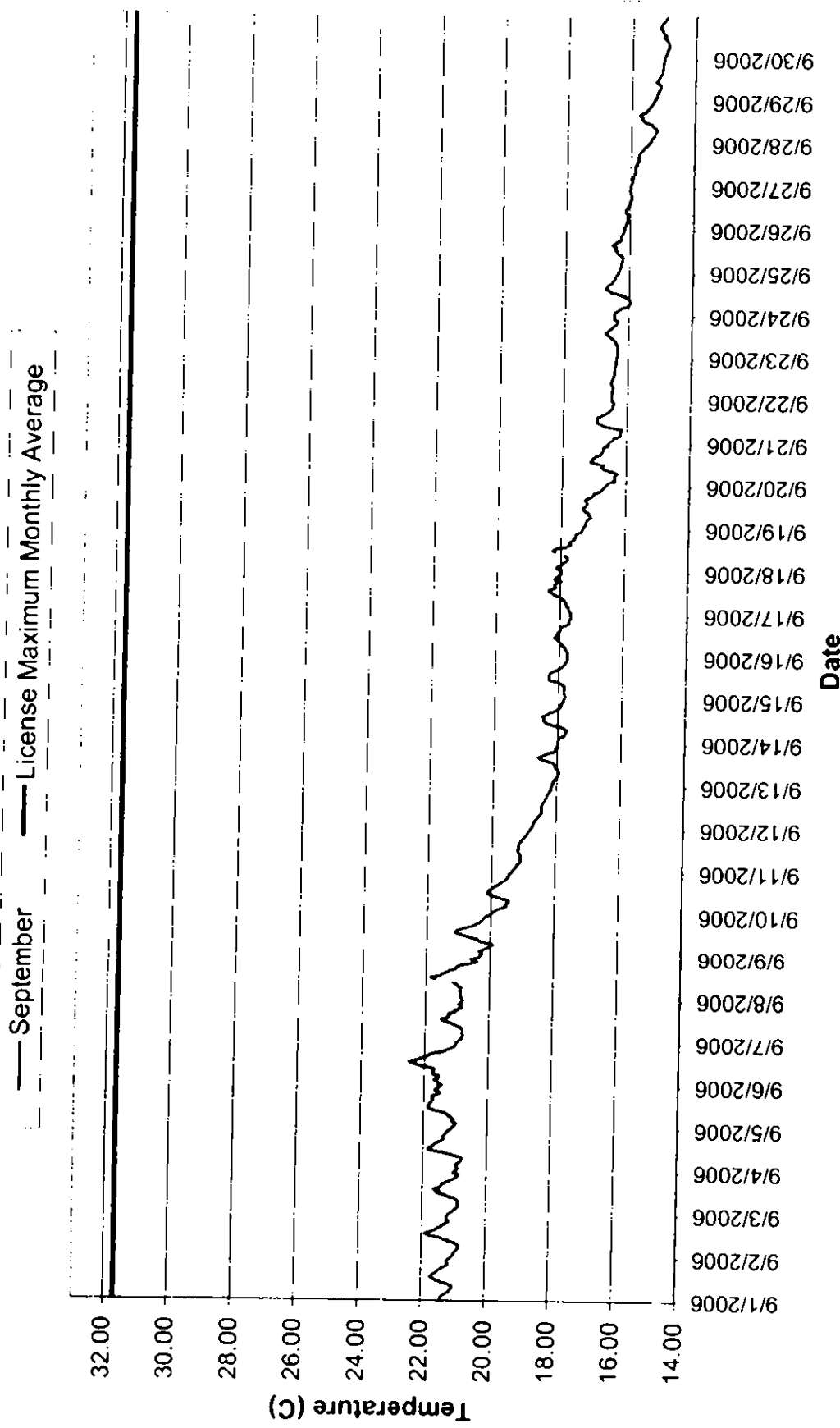
High Falls Tailrace - Water Temperature - July 2006



High Falls Tailrace - Water Temperature - August 2006



High Falls Tailrace - Water Temperature - September 2006



High Falls Tailrace Temperature Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	17.71	17.68	18.44	17.97	18.14	18.46	18.94	18.86	20.44	18.60	19.43	18.72	18.43	19.25	18.90
10000	18.10	17.94	18.84	18.08	18.71	18.78	18.71	18.78	18.61	20.47	19.11	19.16	18.83	18.39	19.20	18.94
20000	18.69	17.83	18.93	18.35	18.48	19.00	18.71	18.28	18.28	20.00	19.10	19.00	18.96	18.36	18.97	19.06
30000	18.66	17.76	18.97	18.62	18.62	18.93	18.85	18.20	19.76	19.29	19.31	18.88	19.20	18.37	18.94	19.00
40000	18.66	17.77	18.81	18.72	18.78	18.81	19.18	18.20	19.62	19.31	18.86	19.20	18.40	19.06	18.94	19.47
50000	18.53	17.77	18.55	18.70	18.68	18.74	18.76	18.51	19.36	19.44	18.85	19.28	18.44	19.10	18.94	19.43
60000	18.38	17.63	18.53	18.66	18.45	18.57	18.93	18.89	19.54	18.97	18.90	19.40	18.48	19.17	18.86	19.27
70000	18.35	17.60	18.48	18.60	18.53	18.50	19.07	19.42	19.28	19.24	18.93	19.48	18.58	19.19	19.01	19.40
80000	18.38	17.96	18.59	18.64	18.55	18.38	18.80	19.30	19.47	19.55	19.05	19.63	18.78	19.22	19.26	19.32
90000	18.33	17.94	18.74	18.63	18.48	18.20	19.12	19.65	19.81	19.68	19.22	19.67	18.98	19.35	19.51	19.38
100000	18.23	17.90	18.89	18.63	18.55	18.05	19.48	19.92	20.33	19.87	19.45	19.72	19.10	19.38	19.52	19.08
110000	18.26	17.78	19.05	18.51	18.53	17.75	19.67	20.11	21.16	20.09	19.70	19.75	19.29	19.56	19.81	18.99
120000	18.35	17.56	19.05	18.43	18.45	17.86	19.99	20.43	21.30	20.40	19.99	19.72	19.39	19.54	19.35	19.19
130000	18.25	17.61	18.95	18.30	18.48	17.93	20.10	21.09	21.31	20.61	20.23	19.76	19.27	19.46	19.69	19.18
140000	17.97	17.37	18.90	18.18	18.42	17.92	20.86	20.95	21.26	20.70	20.41	19.64	19.38	19.70	19.63	19.09
150000	17.45	17.65	18.96	18.20	18.46	17.97	20.87	21.15	21.25	20.88	20.25	19.54	19.11	19.65	19.30	19.16
160000	16.98	17.56	18.82	18.20	18.29	17.52	21.04	20.88	20.79	20.95	20.39	19.52	19.38	19.54	19.57	18.66
170000	16.83	17.90	18.36	18.18	18.31	17.62	21.16	20.47	20.02	20.81	20.31	19.43	19.65	19.47	19.00	18.70
180000	17.00	17.90	17.97	18.23	18.46	17.97	21.13	20.59	19.60	20.57	20.05	19.34	19.57	18.96	18.98	18.85
190000	17.07	17.99	17.81	18.27	18.49	18.39	20.72	20.61	19.42	20.34	19.80	19.18	19.46	19.04	18.74	18.81
200000	17.14	18.37	17.68	18.12	18.15	18.52	20.27	20.38	19.05	20.08	19.41	18.92	19.31	19.00	18.75	18.90
210000	16.89	18.10	17.67	17.95	18.22	18.70	19.82	20.38	18.87	19.94	19.19	18.74	19.42	19.10	18.90	18.97
220000	17.14	17.90	17.63	18.04	18.21	18.72	19.36	20.54	18.81	19.66	18.82	18.62	19.44	18.90	18.88	18.98
230000	17.39	18.12	17.61	18.07	18.24	18.83	19.03	20.63	18.84	19.52	18.71	18.48	19.41	19.02	18.90	19.17
Daily Max	18.69	18.37	19.05	18.72	18.78	19.00	21.16	21.15	21.31	20.95	20.41	19.76	19.65	19.70	19.81	19.49
Daily Min	16.83	17.37	17.61	17.95	18.14	17.52	18.71	18.20	18.81	18.60	18.71	18.48	18.36	18.90	18.74	18.66
Average	17.86	17.82	18.51	18.35	18.43	18.34	19.69	19.84	19.99	19.86	19.45	19.28	19.02	19.24	19.15	19.12

Monthly average Temp: 19.90
 License Maximum Temperature: 31.67 C

High Falls Tailrace Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0	19.44	19.97	20.21	20.89	20.88	21.19	20.38	20.43	20.32	20.38	20.97	20.77	20.88
10000	19.66	20.20	20.47	20.09	20.83	21.1	21.1	20.51	20.66	20.51	20.37	20.89	20.62	20.87
20000	20.10	20.23	20.58	19.92	20.52	21.03	20.74	20.66	20.8	20.3	20.43	20.78	20.44	20.91
30000	20.06	20.41	20.64	19.65	20.47	20.83	20.54	20.62	20.53	20.52	20.35	20.65	20.32	20.9
40000	20.00	20.28	20.41	20.01	20.58	21.22	20.57	20.71	20.68	20.35	20.37	20.62	20.26	20.77
50000	19.99	20.23	20.35	20.02	20.5	21.03	20.52	20.59	20.53	20.49	20.42	20.73	20.26	20.82
60000	19.97	20.14	20.41	19.91	20.57	20.72	20.5	20.46	20.66	20.46	20.44	20.71	20.25	20.83
70000	19.83	20.02	20.21	20.06	20.51	20.61	20.57	20.46	20.48	20.48	20.4	20.66	20.36	20.92
80000	20.00	20.06	20.18	20.43	20.55	20.76	20.69	20.5	20.42	20.52	20.52	20.81	20.48	21.11
90000	19.77	20.32	20.59	20.4	20.51	20.8	20.98	20.57	20.64	20.6	20.64	20.72	20.8	21.41
100000	19.77	20.45	21.1	20.83	20.63	20.87	21.28	20.61	20.53	20.95	20.95	20.77	20.84	21.5
120000	19.79	20.40	20.79	20.95	20.94	20.95	21.36	20.83	20.88	20.87	21.16	21.18	20.87	21.61
130000	19.69	20.52	21.68	20.76	21.33	21.5	21.6	20.78	20.95	21.23	21.28	20.97	21.22	21.5
140000	19.44	20.72	20.88	20.59	21.62	21.37	21.39	20.89	20.85	21.29	21.16	21.17	21.54	21.68
150000	19.25	20.73	21.47	20.48	21.22	21.72	21.28	20.64	21.17	20.69	21.31	21.01	21.44	21.68
160000	18.94	20.46	21.06	20.36	21.23	21.81	21.24	20.59	21.3	20.54	21.49	21.01	21.67	21.68
170000	18.64	20.33	21.35	20.1	21.02	22.38	21.2	20.91	21.24	20.48	21.3	21.19	21.35	21.37
180000	18.45	20.18	21.73	20.06	21.16	22.29	21.09	20.75	21.14	20.28	20.96	21.33	21.53	21.39
190000	18.34	19.81	21.57	20.41	20.8	22.25	20.81	20.86	21.14	20.47	21	21.33	21.39	20.83
200000	18.48	20.04	21.52	20.69	20.36	21.95	20.6	20.57	20.93	20.22	20.87	21.41	21.27	20.93
210000	18.72	19.97	21.1	20.75	20.52	22.17	20.25	20.96	20.92	20.06	20.92	21.24	21.53	20.89
220000	19.26	20.12	21.02	20.69	20.25	21.98	20.48	20.41	20.7	20.22	20.74	21.25	21.26	20.82
230000	19.69	20.19	20.73	20.98	20.58	21.78	20.31	20.35	20.38	20.17	20.75	20.83	20.86	20.78
Daily Max	20.10	20.73	21.73	20.98	21.62	22.38	21.60	20.96	21.30	21.29	21.49	21.41	21.67	21.68
Daily Min	18.34	19.81	20.18	19.65	20.25	20.61	20.25	20.35	20.27	20.06	20.35	20.62	20.25	20.77
Average	19.46	20.26	20.88	20.37	20.78	21.39	20.86	20.62	20.76	20.49	20.80	20.96	20.93	21.12

Missing data on 6/26 due to equipment change out.

High Falls Tailrace Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	20.90	21.65	21.69	22.51	22.37	22.47	21.60	21.55	21.75	22.81	21.60	22.28	22.11	22.05	23.85	23.25
10000	20.94	21.58	22.05	22.50	22.17	22.28	21.44	21.64	21.70	22.75	21.60	22.31	22.00	22.19	23.67	23.60
20000	20.97	21.65	21.82	22.53	22.07	22.31	21.33	21.63	21.72	22.47	21.60	22.25	22.04	22.15	23.47	23.55
30000	20.96	21.60	21.78	22.46	22.07	22.17	21.42	21.78	21.84	22.36	21.68	22.21	22.09	22.37	23.39	23.45
40000	21.08	21.50	21.81	22.46	22.02	22.00	21.61	21.81	21.94	22.15	21.64	22.31	22.08	22.32	23.50	23.43
50000	20.99	21.43	21.67	22.35	22.05	21.98	21.57	21.81	22.04	22.14	21.66	22.25	22.01	22.35	23.47	23.45
60000	20.96	21.26	21.60	22.37	22.05	21.87	21.52	21.70	21.69	22.09	21.65	22.13	22.21	22.37	23.46	23.42
70000	20.92	21.14	21.88	22.32	22.03	21.98	21.59	21.75	22.13	21.76	21.95	22.10	22.17	22.39	23.49	23.47
80000	20.94	21.36	21.90	22.44	22.28	22.23	21.66	21.87	22.09	21.88	21.91	22.40	22.43	22.37	23.65	23.43
90000	20.82	21.44	21.80	22.62	22.48	22.66	21.63	21.69	22.35	22.06	21.95	22.68	22.60	22.21	23.72	23.35
100000	20.78	21.35	22.11	22.80	22.53	22.77	21.93	21.71	22.37	21.95	22.00	22.65	22.64	22.10	23.78	23.61
110000	20.86	21.61	22.16	22.94	22.89	22.66	21.91	21.75	22.45	22.55	22.14	22.97	22.75	22.37	23.74	23.96
120000	20.68	22.16	22.11	22.96	22.92	22.69	22.00	21.57	23.02	22.80	22.28	23.17	22.84	22.44	24.12	24.02
130000	20.99	22.04	22.55	23.34	23.16	23.09	22.18	21.36	22.57	23.00	22.47	23.21	22.32	22.96	24.32	24.13
140000	21.28	22.60	22.70	23.30	23.06	22.38	21.51	21.28	22.72	22.68	22.19	23.21	22.52	23.21	24.26	24.09
150000	21.35	22.79	22.77	23.38	23.22	22.28	21.83	21.18	23.20	22.58	22.24	22.78	22.54	22.65	24.26	23.82
160000	21.45	22.41	22.57	23.50	23.31	22.12	21.86	21.52	23.16	22.53	22.27	22.82	22.56	22.76	24.36	23.70
170000	20.93	22.09	22.56	23.45	23.23	22.12	21.57	21.48	23.25	22.61	22.11	22.80	22.34	23.24	24.25	23.21
180000	21.52	22.33	22.30	23.22	23.53	22.24	21.58	21.54	23.58	22.25	22.22	22.55	21.96	22.93	24.13	23.38
190000	21.21	22.17	22.11	23.12	23.25	22.09	21.42	21.62	23.56	21.87	22.09	22.56	22.07	22.83	24.00	23.26
200000	21.22	21.97	21.59	23.04	23.01	21.68	21.30	21.70	23.32	21.75	22.21	22.40	22.01	24.39	23.82	23.42
210000	21.33	22.18	21.77	22.77	23.19	21.46	21.25	21.80	23.12	21.59	22.36	22.02	21.95	23.99	23.48	23.59
220000	21.35	21.63	22.15	22.87	22.77	21.48	21.31	21.74	22.91	21.66	22.38	22.05	22.03	23.96	23.18	23.87
230000	21.60	21.69	22.68	22.61	22.57	21.39	21.35	21.65	22.96	21.82	22.20	21.94	21.87	23.94	23.03	24.18
Daily Max	21.60	22.79	22.77	23.50	23.53	23.09	22.18	21.87	23.58	23.00	22.47	23.21	22.84	24.39	24.36	24.18
Daily Min	20.68	21.14	21.59	22.32	21.97	21.39	21.25	21.18	21.69	21.59	21.60	21.94	21.87	22.05	23.03	23.21
Average	21.08	21.82	22.09	22.83	22.67	22.16	21.60	21.63	22.56	22.26	22.01	22.49	22.26	22.77	23.77	23.61

Missing data on 7/6 due to equipment change out
 Monthly Average Temp 23.12
 License Maximum Temperature: 31.67 C

High Falls Tailrace Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	24.53	25.07	23.32	24.03	24.09	23.23	23.37	22.83	23.25	23.36	23.47	23.42	24.45	24.73	24.75
10000	24.44	24.75	23.44	23.82	24.04	23.42	23.30	22.78	23.23	23.25	23.48	23.67	24.54	24.34	24.54
20000	24.14	24.35	23.57	24.17	23.98	23.92	23.43	22.95	23.06	23.36	23.49	23.51	24.43	25.02	23.99
30000	24.04	24.05	23.70	23.87	24.15	23.63	23.28	22.85	23.06	23.27	23.62	23.62	24.28	25.26	24.21
40000	23.88	23.40	23.79	24.48	23.99	24.01	23.40	23.08	22.97	22.83	23.58	23.38	24.26	25.05	24.73
50000	23.55	23.53	23.75	24.27	24.21	23.81	23.28	23.05	23.19	22.68	23.29	23.60	23.98	25.14	24.57
60000	23.50	23.53	23.97	24.24	24.18	23.60	23.41	23.05	23.12	22.75	23.29	23.34	23.88	25.16	24.69
70000	23.33	23.83	23.98	24.12	24.36	23.78	23.38	23.08	23.16	22.61	23.39	23.26	24.17	24.96	24.68
80000	23.30	24.52	23.69	24.13	24.21	23.87	23.36	23.14	23.37	22.66	23.51	23.31	23.94	24.65	24.73
90000	23.37	24.75	23.74	23.35	24.36	23.96	23.55	23.13	23.45	22.81	23.62	23.36	24.47	24.72	24.81
100000	23.61	24.75	23.85	24.23	24.13	24.28	23.60	22.90	23.53	22.90	23.58	23.48	24.85	24.28	24.91
110000	23.96	24.82	23.73	24.15	24.30	24.50	23.83	23.28	23.77	23.28	23.67	24.00	24.89	24.31	24.92
120000	23.77	25.35	23.33	24.66	24.23	24.06	23.73	23.71	23.84	23.77	23.90	23.69	24.71	24.31	25.03
130000	23.97	24.55	23.07	24.66	23.89	24.41	23.54	23.93	24.04	23.62	23.64	23.68	24.94	24.31	25.11
140000	24.41	25.01	22.65	24.97	24.40	24.16	23.52	23.95	23.86	23.53	23.61	23.98	24.96	24.32	25.07
150000	24.46	24.97	22.83	25.82	24.48	24.13	23.62	23.92	23.23	23.76	23.60	23.66	25.17	24.46	24.85
160000	25.83	25.02	22.44	24.82	24.34	23.91	23.79	23.71	23.43	23.51	23.39	23.82	24.87	24.63	24.90
170000	26.90	24.79	22.76	24.87	24.28	23.76	23.17	23.79	23.64	23.49	23.42	23.86	24.43	24.93	24.69
180000	26.78	24.23	22.78	25.38	24.70	23.77	23.33	23.49	23.67	23.64	23.50	23.83	24.74	25.28	24.59
190000	26.39	23.71	22.80	25.22	24.50	23.65	23.06	23.81	23.27	23.31	23.30	23.85	24.67	25.19	24.48
200000	26.21	23.25	23.12	25.13	23.83	23.83	23.00	23.66	23.21	23.51	23.36	23.59	24.79	25.33	24.56
210000	26.01	23.12	23.29	24.72	23.48	23.60	22.95	23.51	22.93	23.59	23.39	24.05	24.49	25.13	24.61
220000	25.95	23.07	23.57	24.41	23.65	23.30	22.95	23.37	23.17	23.35	23.33	23.73	24.63	24.75	24.79
230000	25.55	23.23	23.70	24.22	23.26	23.50	22.85	23.34	23.22	23.33	23.22	24.11	24.68	24.70	24.67
Daily Max	26.90	25.35	23.98	25.82	24.70	24.50	23.83	23.95	24.04	23.76	23.90	24.11	25.17	25.33	25.11
Daily Min	23.30	23.07	22.44	23.35	23.26	23.23	22.85	22.78	22.93	22.61	23.22	23.26	23.88	24.28	23.99
Average	24.66	24.24	23.37	24.49	24.13	23.84	23.36	23.35	23.36	23.23	23.49	23.66	24.55	24.79	24.70

Missing data on 7/24 due to equipment failure. Had difficulty calibrating new monitor.
Missing Data on 7/26 due to equipment change out.

High Falls Tailrace Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	24.75	25.09	25.39	25.02	24.37	24.51	24.76	24.18	24.29	23.87	23.42	22.95	22.97	23.02	23.39
10000	24.82	25.50	25.07	25.34	24.90	24.33	24.65	24.52	24.11	24.26	23.86	23.26	22.89	22.92	22.97	23.36
20000	24.99	25.51	25.02	25.14	24.70	24.19	24.57	24.39	24.05	24.33	23.76	23.30	22.93	22.92	22.95	23.36
30000	25.04	25.51	24.80	25.08	24.69	24.20	24.60	24.32	24.01	24.36	23.78	23.29	22.82	22.94	22.92	23.29
40000	25.10	25.54	24.33	25.20	24.61	24.26	24.53	24.70	23.95	24.35	23.83	23.14	22.76	22.94	23.02	23.11
50000	25.16	25.62	24.39	25.09	24.51	24.51	24.43	24.61	23.97	24.29	23.79	23.10	22.77	22.96	23.01	23.01
60000	25.27	25.61	24.35	25.05	24.59	24.37	24.43	24.55	23.94	24.26	23.69	23.11	22.78	22.93	23.01	22.93
70000	25.32	25.64	24.56	25.02	24.65	24.26	24.35	24.53	23.96	24.33	23.55	23.06	22.85	22.84	22.97	22.92
80000	25.41	25.65	24.56	25.02	24.93	24.21	24.37	24.57	24.00	24.36	23.70	23.21	22.96	22.81	23.04	23.02
90000	25.47	25.64	24.69	25.22	24.60	24.19	24.44	24.67	24.15	24.47	23.78	23.39	23.15	22.98	23.15	23.19
100000	25.56	25.60	24.73	25.31	24.74	24.24	24.53	24.77	24.23	24.60	23.83	23.62	23.34	23.20	23.27	23.41
110000	25.73	25.67	24.89	25.33	24.57	24.49	24.66	24.87	24.25	24.76	23.95	23.55	23.53	23.45	23.47	23.61
120000	25.72	25.66	25.32	24.55	24.86	24.50	24.92	24.89	24.25	24.76	24.06	23.70	23.43	23.71	23.59	23.63
130000	26.03	25.65	25.12	25.36	24.38	24.69	25.23	25.02	24.40	24.72	24.03	23.77	23.54	23.87	23.67	23.73
140000	26.19	25.58	25.62	25.70	24.51	24.46	25.20	25.07	24.51	24.71	24.18	23.82	23.52	23.93	23.79	23.64
150000	26.34	25.52	25.78	25.70	24.39	24.46	25.30	25.11	24.54	24.71	24.11	23.91	23.58	23.97	23.89	23.50
160000	26.19	25.56	25.95	25.28	24.51	24.26	25.36	24.99	24.68	24.61	24.16	23.82	23.30	23.91	23.90	23.42
170000	26.10	25.54	25.90	25.07	24.59	24.36	25.41	24.83	24.33	24.63	24.04	23.65	23.13	23.83	23.88	23.29
180000	25.85	25.56	25.88	25.49	24.63	24.23	25.34	24.70	24.25	24.59	23.88	23.46	23.14	23.72	23.89	23.11
190000	25.61	25.48	25.73	25.12	24.46	24.35	25.27	24.56	24.31	24.40	23.76	23.24	23.13	23.63	23.78	23.06
200000	25.61	25.53	25.61	25.25	24.47	24.34	25.25	24.43	24.35	24.24	23.63	23.11	23.07	23.55	23.61	22.99
210000	25.59	25.44	25.68	25.28	24.39	24.22	25.15	24.37	24.38	24.08	23.54	23.04	23.06	23.42	23.48	22.97
220000	25.44	25.38	25.39	25.00	24.30	24.60	25.01	24.30	24.36	23.96	23.48	22.98	23.06	23.25	23.38	22.92
230000	25.34	25.25	25.31	24.70	24.48	24.47	24.85	24.24	24.33	23.96	23.42	22.95	23.01	23.08	23.37	22.91
Daily Max	26.34	25.67	25.95	25.70	25.02	24.69	25.41	25.11	24.68	24.76	24.18	23.91	23.58	23.97	23.90	23.73
Daily Min	24.75	25.25	24.33	24.55	24.30	24.19	24.35	24.24	23.94	23.96	23.42	22.95	22.76	22.81	22.92	22.91
Average	25.53	25.54	25.16	25.19	24.60	24.36	24.85	24.66	24.23	24.42	23.82	23.37	23.11	23.32	23.38	23.24

Monthly Average Temp 23.35
 License Maximum Temperature 31.67 C

High Falls Tailrace Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	22.86	22.73	22.84	22.88	22.32	22.43	22.82	22.19	22.31	22.01	21.82	21.73	21.53	22.17	21.32
10000	22.84	22.69	22.85	22.81	22.31	22.37	22.89	22.18	22.29	21.97	21.77	21.71	21.51	22.15	21.28
20000	22.82	22.68	22.88	22.64	22.21	22.30	22.89	22.18	22.32	21.99	21.74	21.68	21.48	22.09	21.27
30000	22.81	22.66	22.85	22.63	22.22	22.22	22.90	22.12	22.30	21.94	21.67	21.64	21.49	22.07	21.25
40000	22.76	22.68	22.85	22.57	22.09	22.19	22.77	22.13	22.25	21.97	21.72	21.56	21.46	22.05	21.22
50000	22.75	22.68	22.80	22.44	22.04	22.40	22.59	22.15	22.26	21.91	21.65	21.51	21.41	21.97	21.19
60000	22.73	22.64	22.85	22.37	22.02	22.41	22.50	22.21	22.20	21.95	21.63	21.51	21.41	21.91	21.11
70000	22.72	22.60	22.95	22.33	22.04	22.48	22.46	22.21	21.95	21.95	21.57	21.49	21.41	21.87	21.10
80000	22.73	22.69	22.84	22.36	22.27	22.52	22.46	22.28	22.17	21.94	21.69	21.54	21.47	21.87	21.13
90000	22.80	22.85	22.95	22.61	22.30	22.56	22.44	22.35	22.16	21.95	21.80	21.64	21.60	21.87	21.28
100000	22.83	23.00	23.01	22.85	22.19	22.76	22.39	22.51	22.17	21.95	21.98	21.70	21.81	21.89	
110000	22.90	23.18	23.18	23.03	22.56	22.89	22.65	22.65	22.22	22.00	22.16	21.75	22.05	21.95	21.58
120000	22.95	23.36	23.18	23.18	22.85	22.79	22.65	22.80	22.23	22.03	22.31	21.76	22.23	22.01	21.63
130000	23.02	23.23	23.46	23.27	22.73	23.02	23.12	23.01	22.21	22.07	22.37	21.77	22.27	22.00	21.73
140000	23.02	23.16	23.49	23.25	22.96	23.04	23.27	22.84	22.22	22.10	22.46	21.75	22.31	22.02	21.79
150000	23.04	23.33	23.40	22.93	22.99	23.07	23.13	22.89	22.24	22.16	22.46	21.78	22.22	22.12	21.85
160000	23.15	23.23	23.40	23.03	22.88	23.18	22.92	22.73	22.25	22.16	22.27	21.76	22.20	22.11	21.78
170000	23.11	23.33	23.40	22.89	22.84	22.93	22.81	22.72	22.22	22.17	22.24	21.75	22.27	21.95	21.66
180000	22.97	23.19	23.39	22.74	22.69	22.90	22.74	22.62	22.15	22.14	22.16	21.72	22.32	21.79	21.55
190000	22.83	23.10	23.28	22.62	22.72	22.84	22.60	22.53	22.13	22.07	22.08	21.69	22.30	21.62	21.46
200000	22.83	23.06	23.16	22.58	22.70	22.72	22.51	22.49	22.09	22.01	21.93	21.67	22.16	21.52	21.38
210000	22.82	23.02	23.02	22.52	22.60	22.66	22.41	22.36	22.07	21.93	21.86	21.62	22.14	21.45	21.38
220000	22.78	22.98	22.99	22.43	22.51	22.61	22.32	22.35	22.05	21.84	21.77	21.59	22.16	21.39	21.41
230000	22.72	22.92	22.88	22.34	22.50	22.75	22.26	22.28	22.02	21.83	21.73	21.57	22.14	21.36	21.41
Daily Max	23.15	23.36	23.51	23.27	22.99	23.18	23.27	23.01	22.32	22.17	22.46	21.78	22.32	22.17	21.85
Daily Min	22.72	22.60	22.80	22.33	22.02	22.19	22.26	22.12	22.02	21.83	21.57	21.49	21.41	21.36	21.10
Average	22.87	22.96	23.09	22.72	22.48	22.67	22.69	22.45	22.20	22.00	21.95	21.66	21.89	21.88	21.42

Missing data on 8/23 and 8/31 due to equipment change out

High Falls Tailrace Temperature Summary - September 2006

Time HHMMSS	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	21.40	21.05	21.16	20.97	21.11	21.44	20.99	20.86	20.34	20.05	19.35	18.79	18.15	18.00	17.84	17.74
10000	21.40	20.99	21.08	20.91	21.06	21.57	20.93	20.90	20.34	19.97	19.33	18.76	18.13	17.98	17.81	17.73
20000	21.35	20.98	20.99	20.92	21.00	21.60	20.87	20.91	20.25	19.89	19.28	18.73	18.11	17.97	17.78	17.74
30000	21.24	20.95	20.91	20.97	20.98	21.69	20.83	20.90	20.24	19.80	19.21	18.71	18.08	17.96	17.81	17.74
40000	21.18	20.88	20.87	20.97	21.12	21.55	20.82	20.93	20.35	19.65	19.20	18.70	18.05	17.78	17.84	17.79
50000	21.09	20.85	20.88	20.83	21.07	21.55	20.84	20.91	20.24	19.52	19.12	18.65	18.01	17.77	17.82	17.81
60000	21.05	20.83	20.87	20.80	21.13	21.75	20.83	20.90	20.09	19.55	19.11	18.60	17.97	17.76	17.80	17.85
70000	21.01	20.85	20.87	20.76	21.20	21.73	20.83	20.98	20.00	19.43	19.11	18.56	17.95	17.72	17.81	17.90
80000	21.03	20.97	20.93	20.85	21.26	21.74	20.84	20.99	19.90	19.43	19.12	18.52	17.95	17.79	17.83	17.96
90000	21.15	21.11	21.02	21.04	21.34	21.69	20.93	21.15	20.15	19.61	19.08	18.47	17.96	17.92	17.90	18.00
100000	21.36	21.29	21.23	21.29	21.66	21.92	21.06	21.15	20.37	19.78	19.12	18.47	18.03	18.11	18.03	18.06
110000	21.52	21.45	21.30	21.55	21.81	22.19	21.18	21.72	20.41	20.00	19.15	18.46	18.07	18.31	18.27	18.17
120000	21.62	21.72	21.58	21.84	21.89	22.35	21.38	21.85	20.69	20.12	19.19	18.46	18.07	18.43	18.31	18.04
130000	21.72	21.91	21.48	21.85	21.85	22.50	21.51	21.58	20.87	20.07	19.15	18.46	18.14	18.44	18.30	18.07
140000	21.67	21.79	21.66	21.73	21.80	22.26	21.28	21.51	21.02	20.06	19.17	18.45	18.33	18.45	18.29	18.07
150000	21.58	21.61	21.47	21.65	21.77	22.09	21.25	21.38	21.11	19.95	19.16	18.42	18.49	18.48	18.25	17.97
160000	21.50	21.53	21.43	21.57	21.73	21.92	21.27	21.23	21.01	19.89	19.13	18.37	18.60	18.34	18.18	17.99
170000	21.43	21.42	21.38	21.45	21.77	21.83	21.06	21.08	20.77	19.76	19.09	18.35	18.47	18.24	18.05	17.96
180000	21.36	21.31	21.22	21.36	21.75	21.65	21.04	21.07	20.61	19.68	19.06	18.31	18.31	18.09	17.94	17.81
190000	21.22	21.21	21.08	21.39	21.58	21.40	20.86	20.97	20.46	19.60	19.00	18.29	18.14	17.96	17.87	17.68
200000	21.15	21.15	20.99	21.35	21.50	21.24	20.86	20.68	20.33	19.53	18.95	18.24	18.07	17.92	17.82	17.70
210000	21.19	21.21	20.92	21.30	21.67	21.13	20.96	20.41	20.27	19.49	18.92	18.22	18.07	17.94	17.80	17.68
220000	21.18	21.22	20.87	21.24	21.64	21.04	20.88	20.52	20.21	19.44	18.88	18.19	17.99	17.89	17.76	17.64
230000	21.13	21.20	21.04	21.18	21.54	21.03	20.84	20.62	20.18	19.43	18.84	18.18	18.00	17.86	17.74	17.65
Daily Max	21.72	21.91	21.66	21.85	21.89	22.50	21.51	21.85	21.11	20.12	19.35	18.79	18.60	18.48	18.31	18.17
Daily Min	21.01	20.83	20.87	20.76	20.98	21.03	20.82	20.41	19.90	19.43	18.84	18.18	17.95	17.72	17.74	17.64
Average	21.31	21.23	21.13	21.24	21.47	21.70	21.01	21.05	20.43	19.74	19.11	18.47	18.13	18.05	17.95	17.86

Missing data on 9/08 and 9/18 due to equipment change out

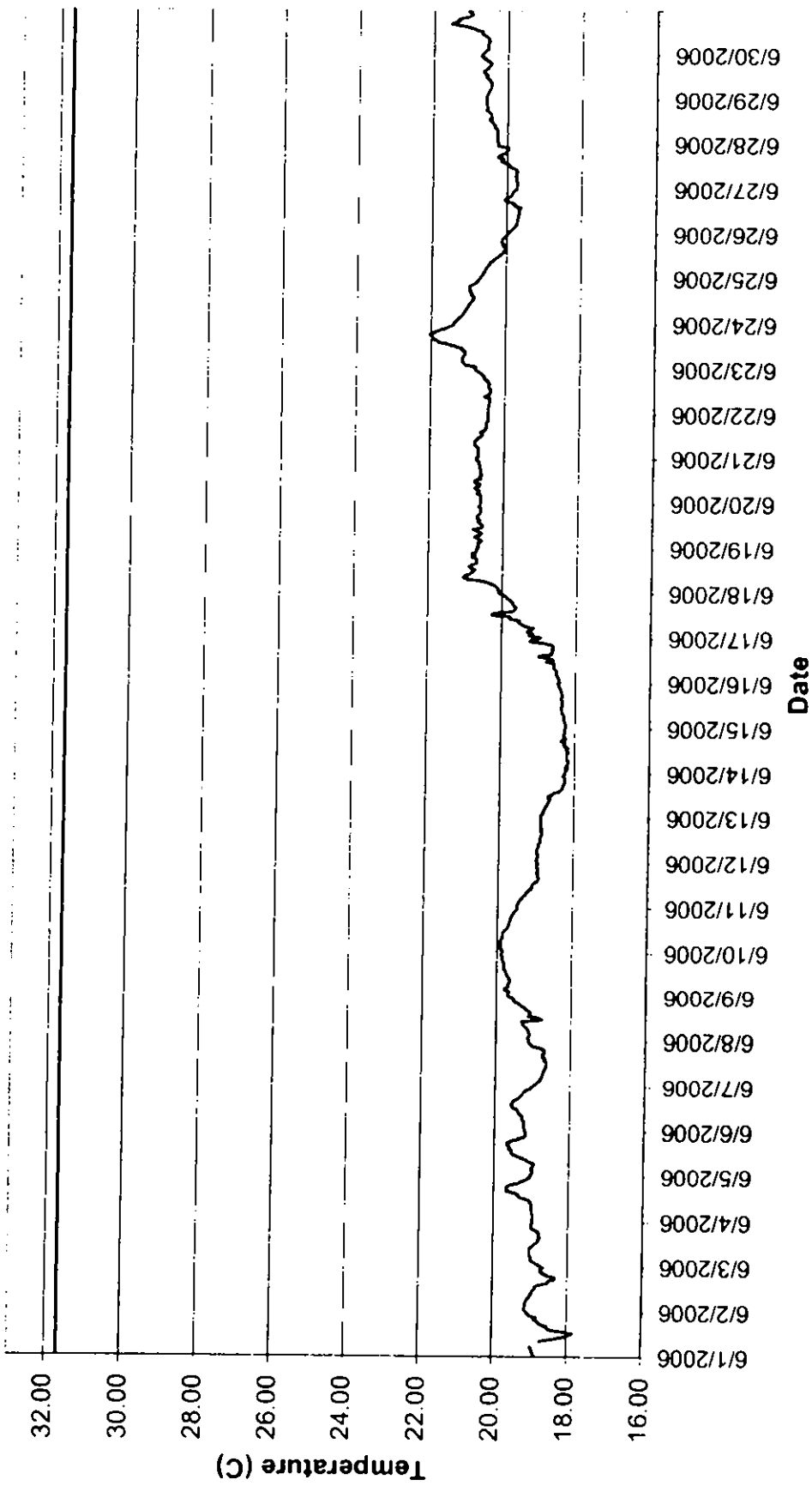
Monthly Average Temp: 18.29
License Maximum Temperature: 31.67 C

High Falls Tailrace Temperature Summary - September 2006

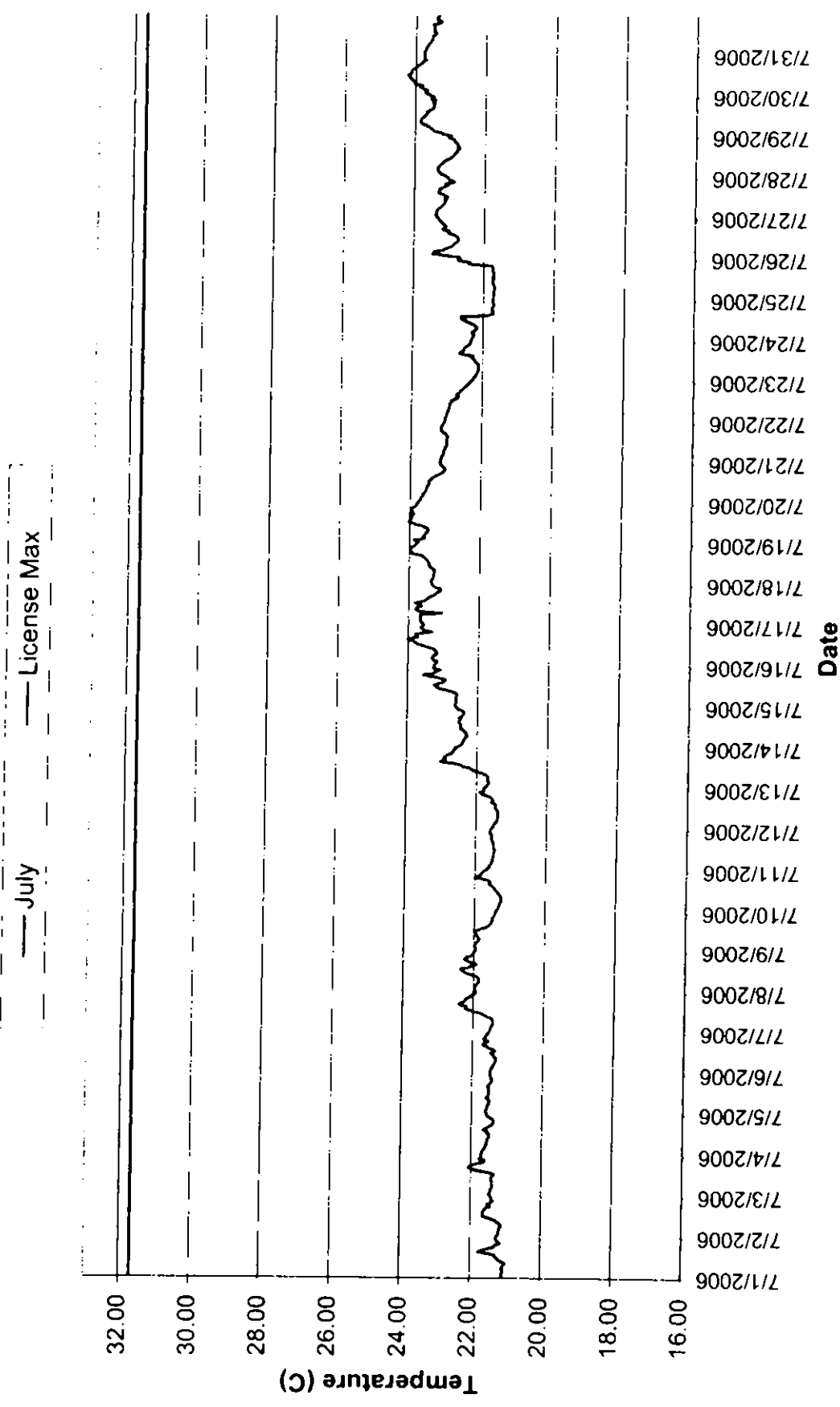
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	17.65	18.01	17.33	16.65	16.58	16.47	16.36	16.43	16.33	16.17	15.99	15.45	15.29	14.98
10000	17.66	17.97	17.30	16.59	16.52	16.48	16.32	16.44	16.31	16.17	15.98	15.39	15.27	14.98
20000	17.70	18.13	17.24	16.54	16.46	16.48	16.34	16.39	16.30	16.14	15.96	15.36	15.22	14.95
30000	17.72	18.08	17.25	16.32	16.38	16.48	16.31	16.31	16.25	16.11	15.95	15.35	15.22	14.93
40000	17.74	17.98	17.21	16.34	16.26	16.47	16.32	16.21	16.26	16.11	15.94	15.28	15.21	14.90
50000	17.78	17.92	17.20	16.36	16.17	16.46	16.33	16.03	16.25	16.08	15.93	15.25	15.18	14.89
60000	17.80	17.81	17.06	16.36	16.19	16.47	16.33	16.00	16.23	16.09	15.91	15.24	15.15	14.86
70000	17.82	17.79	17.08	16.26	16.17	16.45	16.33	15.95	16.20	16.07	15.88	15.21	15.10	14.84
80000	17.87	17.78	17.14	16.36	16.14	16.46	16.35	15.96	16.20	16.05	15.86	15.20	15.09	14.86
90000	17.94	17.87	17.13	16.54	16.41	16.48	16.38	15.98	16.21	16.09	15.83	15.25	15.09	14.88
100000	18.01	17.87	17.24	16.72	16.66	16.50	16.43	16.06	16.28	16.14	15.84	15.33	15.17	14.90
110000	18.16	18.18	17.33	16.77	16.83	16.49	16.50	16.15	16.38	16.12	15.87	15.35	15.24	14.93
120000	18.25	18.26	17.31	16.68	16.93	16.47	16.55	16.33	16.39	16.08	15.80	15.53	15.19	15.04
130000	18.34	18.14	17.25	16.94	16.93	16.43	16.65	16.53	16.45	16.06	15.81	15.59	15.13	14.94
140000	18.37	17.82	17.19	17.12	16.95	16.44	16.73	16.63	16.42	16.01	15.75	15.67	15.13	15.02
150000	18.14	17.69	17.20	17.07	16.93	16.41	16.63	16.73	16.54	16.01	15.75	15.64	15.09	15.06
160000	18.16	17.73	17.28	17.02	16.75	16.41	16.57	16.69	16.47	16.00	15.77	15.75	15.05	15.06
170000	18.17	17.70	17.21	16.93	16.65	16.41	16.50	16.63	16.39	15.96	15.75	15.63	15.05	15.14
180000	18.13	17.57	17.06	16.80	16.56	16.41	16.43	16.54	16.28	15.96	15.73	15.54	15.04	15.11
190000	17.99	17.60	17.00	16.76	16.50	16.39	16.37	16.50	16.28	15.96	15.70	15.50	15.04	15.08
200000	18.19	17.51	16.99	16.73	16.45	16.37	16.33	16.45	16.28	15.98	15.65	15.45	15.03	15.04
210000	18.12	17.54	16.79	16.71	16.45	16.37	16.34	16.43	16.24	16.00	15.60	15.42	15.02	15.00
220000	18.01	17.39	16.75	16.71	16.41	16.37	16.45	16.40	16.21	16.01	15.56	15.37	15.01	14.94
230000	17.96	17.35	16.69	16.55	16.42	16.35	16.45	16.35	16.18	16.00	15.48	15.33	15.01	14.92
Daily Max	18.37	18.26	17.33	17.12	16.95	16.50	16.73	16.73	16.54	16.17	15.99	15.75	15.29	15.14
Daily Min	17.65	17.35	16.69	16.26	16.14	16.35	16.31	15.95	16.18	15.96	15.48	15.20	15.01	14.84
Average	17.99	17.82	17.13	16.66	16.53	16.44	16.43	16.34	16.31	16.06	15.80	15.42	15.13	14.97

Johnson Falls Tailwater - Water Temperatures 2006

— June — License Max.

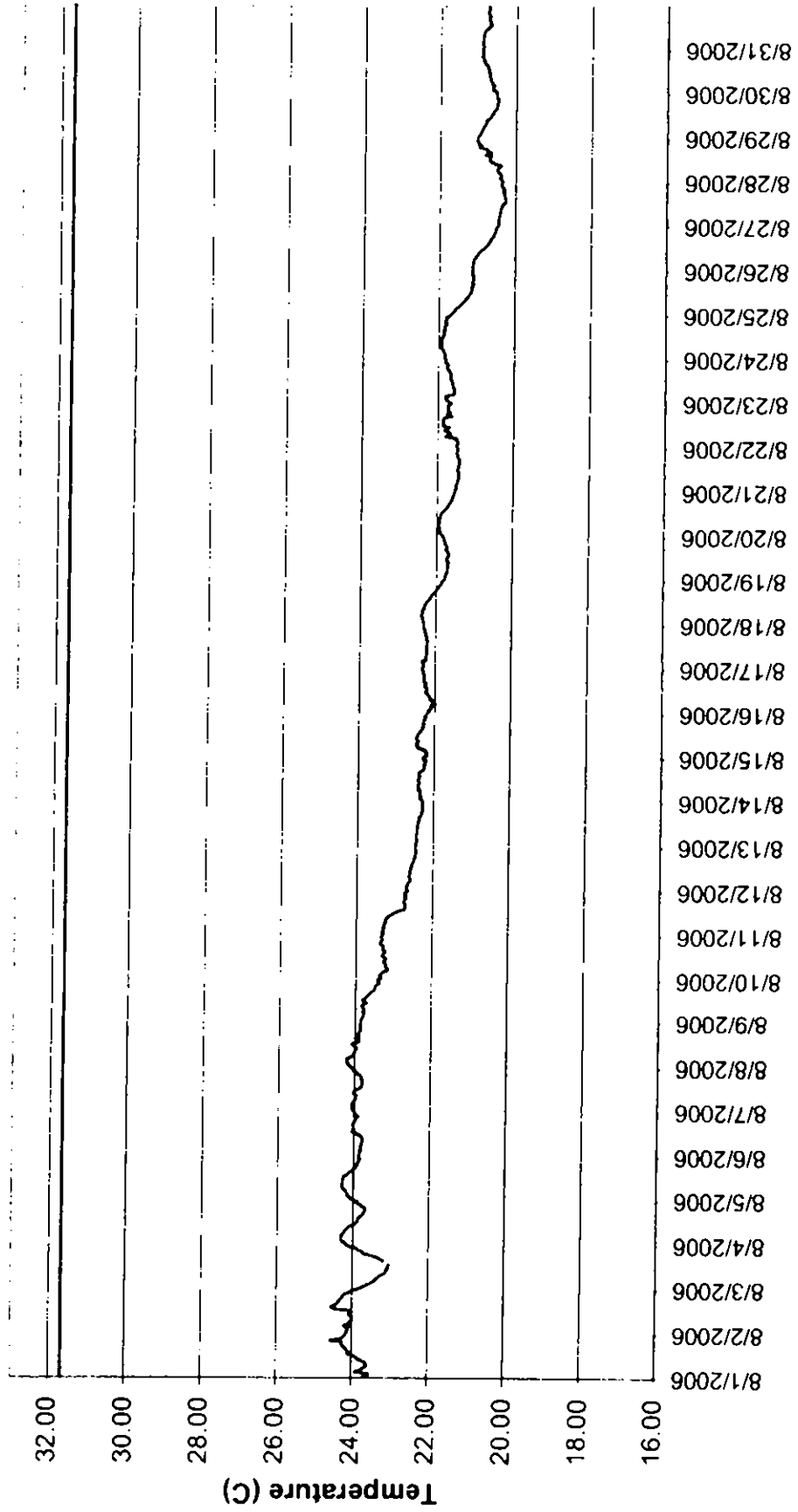


Johnson Falls Tailwater - Water Temperatures 2006



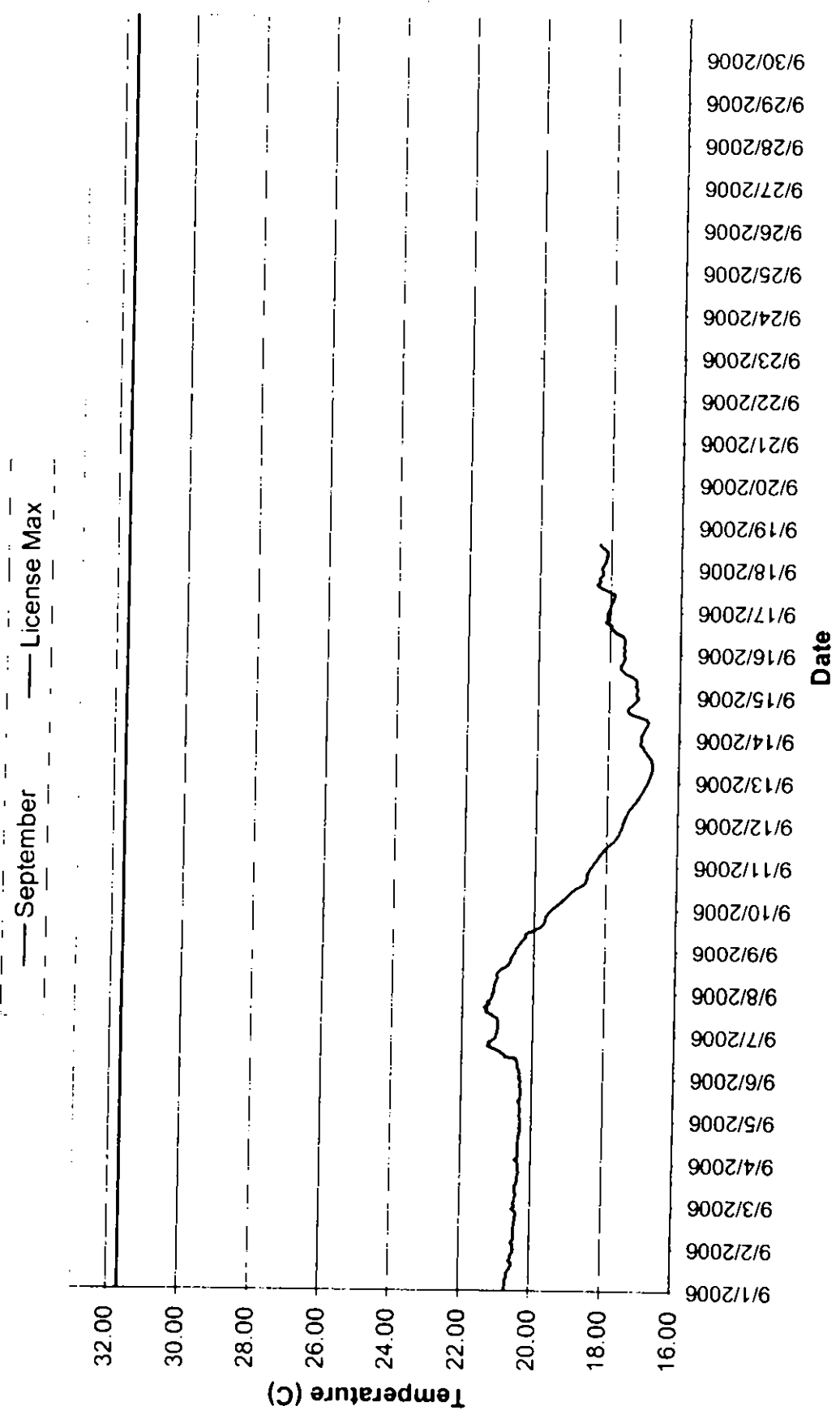
Johnson Falls Tailwater - Water Temperatures 2006

— August — License Max



Date

Johnson Falls Tailwater - Water Temperatures 2006



Johnson Falls Tailwater Temperature Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	18.87	19.09	18.74	18.96	19.03	19.19	18.99	19.12	19.67	19.86	19.49	18.97	18.89	18.25	18.25	18.43
0																
10000	18.88	19.15	18.81	18.96	19.00	19.21	18.93	19.15	19.71	19.87	19.49	18.99	18.87	18.26	18.25	18.44
20000	18.90	19.14	18.90	18.94	18.97	19.22	18.86	19.13	19.68	19.91	19.46	18.98	18.84	18.18	18.26	18.46
30000	18.92	19.12	18.98	18.95	18.98	19.21	18.81	19.09	19.66	19.92	19.45	18.93	18.82	18.24	18.29	18.49
40000	18.94	19.12	18.99	18.96	19.02	19.22	18.79	19.13	19.80	19.91	19.41	18.94	18.80	18.20	18.30	18.51
50000	18.97	19.11	18.98	18.97	18.97	19.21	18.76	19.14	19.77	19.91	19.37	18.98	18.78	18.17	18.31	18.53
60000		19.08	19.02	18.97	18.94	19.27	18.74	19.17	19.69	19.92	19.31	18.99	18.76	18.16	18.31	18.50
70000		19.05	19.02	18.98	18.93	19.27	18.73	19.19	19.70	19.90	19.26	18.97	18.71	18.22	18.34	18.56
80000	18.73	19.00	19.03	18.97	19.09	19.28	18.72	19.28	19.66	19.86	19.23	18.94	18.69	18.22	18.36	18.59
90000	18.40	18.99	19.03	18.98	19.14	19.36	18.69	19.29	19.64	19.87	19.18	18.93	18.67	18.22	18.37	18.58
100000	18.13	18.93	18.98	19.02	19.28	19.38	18.67	19.31	19.66	19.86	19.10	18.92	18.65	18.20	18.38	18.58
110000	17.96	18.94	18.92	19.04	19.39	19.41	18.65	18.78	19.69	19.84	19.09	18.89	18.71	18.16	18.37	18.79
120000	17.84	18.86	18.86	19.21	19.52	19.49	18.65	18.85	19.72	19.79	19.08	18.89	18.60	18.23	18.35	18.59
130000	18.09	18.87	18.80	19.34	19.53	19.54	18.65	19.14	19.75	19.73	19.04	18.89	18.52	18.18	18.35	18.78
140000	18.43	18.78	18.79	19.35	19.54	19.56	18.71	19.10	19.75	19.70	18.94	18.87	18.40	18.27	18.35	19.00
150000	18.53	18.54	18.74	19.44	19.60	19.53	18.68	19.08	19.79	19.70	18.92	18.85	18.33	18.30	18.38	18.63
160000	18.52	18.52	18.78	19.66	19.59	19.50	18.76	19.15	19.82	19.68	18.93	18.86	18.32	18.25	18.36	18.66
170000	18.69	18.34	18.77	19.65	19.65	19.40	18.75	19.22	19.80	19.66	18.96	18.88	18.31	18.38	18.36	18.61
180000	18.77	18.34	18.78	19.66	19.66	19.33	18.68	19.26	19.82	19.65	18.95	18.86	18.28	18.24	18.37	18.63
190000	18.79	18.52	18.84	19.56	19.51	19.29	18.71	19.36	19.82	19.62	18.97	18.88	18.25	18.29	18.38	18.59
200000	18.88	18.64	18.96	19.36	19.38	19.26	18.77	19.39	19.86	19.60	18.94	18.87	18.26	18.32	18.40	18.65
210000	18.83	18.72	18.98	19.27	19.21	19.21	19.01	19.52	19.85	19.57	18.95	18.88	18.25	18.27	18.42	18.83
220000	19.00	18.73	18.99	19.14	19.16	19.14	19.08	19.54	19.87	19.54	18.98	18.89	18.31	18.27	18.44	19.25
230000	19.05	18.65	18.95	19.05	19.16	19.04	19.12	19.55	19.89	19.49	18.93	18.89	18.25	18.27	18.48	19.15
	Missing data due to equipment malfunction 6/1															
Daily Max	19.05	19.15	19.03	19.66	19.66	19.56	19.12	19.55	19.89	19.92	19.49	18.99	18.89	18.38	18.48	19.25
Daily Min	17.84	18.34	18.74	18.94	18.93	19.04	18.65	18.78	19.64	19.49	18.92	18.85	18.25	18.16	18.25	18.43
Average	18.64	18.84	18.90	19.18	19.26	19.31	18.79	19.21	19.75	19.77	19.14	18.91	18.55	18.24	18.35	18.66

Monthly average: 19.90
License Maximum: 31.67 C

Johnson Falls Tailwater Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	18.93	20.10	20.66	20.62	20.75	20.44	20.82	21.39	20.71	19.96	19.74	20.25	20.58	20.69
10000	19.26	20.09	20.69	20.63	20.69	20.44	20.80	21.35	20.67	19.92	19.74	20.26	20.58	20.65
20000	19.17	20.12	20.66	20.62	20.71	20.44	21.07	21.29	20.63	19.86	19.73	20.29	20.56	20.59
30000	19.31	20.15	20.68	20.62	20.71	20.44	21.12	21.24	20.61	19.82	19.72	20.27	20.53	20.53
40000	19.23	20.23	20.56	20.61	20.70	20.43	21.16	21.19	20.57	19.77	19.74	20.29	20.51	20.55
50000	19.13	20.34	20.68	20.73	20.70	20.43	21.16	21.14	20.55	19.73	19.76	20.27	20.49	20.55
60000	19.47	20.52	20.77	20.64	20.72	20.41	21.14	21.12	20.51	19.73	19.74	20.28	20.46	20.53
70000	19.41	20.91	20.64	20.70	20.81	20.39	21.12	21.09	20.48	19.71	19.77	20.26	20.45	20.50
80000	19.56	21.06	20.56	20.79	20.81	20.40	21.07	21.05	20.44	19.70	19.75	20.30	20.43	20.52
90000	19.52	20.99	20.70	20.66	20.81	20.56	21.08	21.02	20.39	19.70	19.73	20.34	20.46	20.54
100000	19.80	20.85	20.81	20.63	20.74	20.42	21.16	21.01	20.32	19.68	19.73	20.35	20.50	20.63
110000	19.77	20.85	20.57	20.78	20.70	20.39	21.19	20.94	20.25	19.68	19.81	20.40	20.52	20.72
120000	20.29	20.73	20.55	20.80	20.61	20.40	21.35	20.91	20.19	19.69	19.93	20.43	20.59	20.69
130000	20.21	20.84	20.60	20.61	20.60	20.39	21.54	20.88	20.12	19.69	19.96	20.49	20.55	20.86
140000	19.68	20.92	20.69	20.65	20.65	20.44	21.79	20.86	20.08	19.62	20.08	20.43	20.64	20.98
150000	19.65	20.78	20.62	20.59	20.53	20.42	21.85	20.94	20.04	19.80	20.16	20.44	20.66	21.19
160000	19.62	20.69	20.71	20.61	20.51	20.41	21.97	20.91	20.04	19.79	20.10	20.46	20.56	21.54
170000	19.69	20.70	20.71	20.64	20.48	20.46	21.96	20.98	20.07	19.94	20.26	20.50	20.53	21.43
180000	19.71	20.71	20.66	20.62	20.47	20.51	22.04	20.96	20.10	20.06	20.21	20.58	20.49	21.31
190000	19.72	20.82	20.61	20.67	20.50	20.57	21.92	20.98	20.12	20.03	20.04	20.53	20.45	21.34
200000	19.78	20.74	20.62	20.64	20.44	20.57	21.81	20.96	20.13	19.89	20.02	20.56	20.51	21.07
210000	19.88	20.84	20.60	20.68	20.44	20.63	21.65	20.86	20.11	19.86	19.97	20.57	20.60	20.98
220000	19.90	20.71	20.67	20.66	20.44	20.70	21.51	20.79	20.06	19.85	19.98	20.60	20.65	21.00
230000	20.02	20.73	20.63	20.75	20.46	20.80	21.41	20.75	20.01	19.78	20.25	20.58	20.72	21.08
Daily Max	20.29	21.06	20.81	20.80	20.81	20.80	22.04	21.39	20.71	20.06	20.26	20.60	20.72	21.54
Daily Min	18.93	20.09	20.55	20.59	20.44	20.39	20.80	20.75	20.01	19.62	19.72	20.25	20.43	20.50
Average	19.61	20.64	20.65	20.66	20.62	20.48	21.40	21.03	20.30	19.80	19.91	20.41	20.54	20.85

Johnson Falls Tailwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0 21.10	21.25	21.45	21.72	21.58	21.50	21.56	21.93	21.96	21.40	21.74	21.59	21.80	22.63	22.60	23.24
10000	21.07	21.21	21.48	21.70	21.59	21.48	21.53	21.96	21.95	21.37	21.65	21.55	21.74	22.52	22.65	23.23
20000	21.10	21.19	21.47	21.69	21.61	21.49	21.51	21.97	21.97	21.33	21.61	21.51	21.70	22.43	22.63	23.20
30000	21.05	21.19	21.43	21.66	21.58	21.47	21.50	21.96	21.98	21.32	21.60	21.48	21.67	22.41	22.62	23.16
40000	21.08	21.18	21.44	21.62	21.57	21.43	21.48	21.90	21.98	21.29	21.56	21.45	21.66	22.40	22.62	23.29
50000	21.09	21.17	21.39	21.59	21.57	21.40	21.45	21.85	21.93	21.28	21.54	21.40	21.69	22.36	22.63	23.31
60000	21.08	21.13	21.38	21.58	21.52	21.37	21.44	21.85	21.90	21.26	21.52	21.39	21.68	22.34	22.62	23.29
70000	21.03	21.13	21.40	21.57	21.51	21.34	21.44	21.85	21.86	21.25	21.51	21.38	21.69	22.29	22.60	23.20
80000	21.01	21.18	21.41	21.56	21.50	21.32	21.45	21.87	21.86	21.26	21.50	21.38	21.72	22.30	22.61	23.17
90000	21.08	21.26	21.40	21.56	21.54	21.33	21.50	21.95	21.90	21.28	21.49	21.38	21.83	22.31	22.72	23.22
100000	21.16	21.32	21.44	21.53	21.59	21.39	21.60	22.14	21.92	21.31	21.49	21.38	22.01	22.37	22.89	23.25
110000	21.23	21.47	21.42	21.50	21.54	21.42	21.70	22.23	21.95	21.35	21.47	21.39	22.13	22.41	23.11	23.37
120000	21.27	21.63	21.37	21.50	21.54	21.50	21.79	22.31	22.00	21.40	21.47	21.43	22.18	22.48	23.17	23.55
130000	21.30	21.64	21.34	21.55	21.50	21.36	21.99	22.36	21.93	21.44	21.49	21.47	22.37	22.48	23.23	23.72
140000	21.48	21.66	21.50	21.56	21.54	21.40	22.15	22.17	21.77	21.47	21.50	21.43	22.46	22.45	23.10	23.79
150000	21.76	21.63	21.79	21.67	21.51	21.54	22.22	22.02	21.65	21.51	21.49	21.46	22.71	22.52	22.98	23.87
160000	21.65	21.61	21.99	21.55	21.53	21.61	22.19	21.92	21.57	21.61	21.49	21.58	23.04	22.52	22.91	24.02
170000	21.48	21.54	22.07	21.47	21.56	21.70	22.40	22.10	21.53	21.57	21.53	21.52	22.89	22.47	23.05	23.73
180000	21.33	21.44	22.02	21.41	21.51	21.66	22.35	22.19	21.53	21.59	21.54	21.54	22.94	22.52	23.25	23.80
190000	21.27	21.54	21.87	21.36	21.48	21.56	22.24	22.27	21.48	21.76	21.57	21.61	22.90	22.43	23.56	23.77
200000	21.15	21.42	21.63	21.37	21.45	21.68	22.22	22.20	21.51	22.01	21.54	21.71	22.83	22.39	23.29	23.31
210000	21.20	21.36	21.61	21.40	21.43	21.66	22.14	22.10	21.45	21.86	21.55	21.84	22.69	22.38	23.17	23.52
220000	21.25	21.41	21.77	21.49	21.47	21.63	22.04	22.03	21.43	21.83	21.61	21.90	22.69	22.42	23.07	23.62
230000	21.27	21.42	21.70	21.56	21.48	21.59	21.95	22.00	21.42	21.80	21.59	21.78	22.64	22.56	23.27	23.64
Daily Max	21.76	21.66	22.07	21.72	21.61	21.70	22.40	22.36	22.00	22.01	21.74	21.90	23.04	22.63	23.56	24.02
Daily Min	21.01	21.13	21.34	21.36	21.43	21.32	21.44	21.85	21.42	21.25	21.47	21.38	21.66	22.29	22.60	23.16
Average	21.23	21.37	21.57	21.55	21.53	21.49	21.83	22.05	21.77	21.48	21.54	21.52	22.24	22.43	22.93	23.47

Monthly average: 22.47
 License Maximum: 31.67 C

Johnson Falls Tailwater Temperature Summary - July 2006

Time HHMMSS	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	23.57	23.35	23.78	23.8	23.17	23.06	22.32	22.34	21.75	22.68	23.32	23.08	22.98	23.56	23.77
10000	23.60	23.35	23.75	23.74	23.17	23.06	22.28	22.32	21.72	22.71	23.37	23.15	23.22	23.67	23.78
20000	23.66	23.37	23.86	23.72	23.14	23.05	22.25	22.29	21.73	22.71	23.38	23.26	23.29	23.74	23.77
30000	23.67	23.33	23.56	23.7	23.14	23.03	22.21	22.27	21.72	23.46	23.36	23.31	23.47	23.66	23.74
40000	23.66	23.31	23.62	23.66	23.09	23.01	22.19	22.25	21.73	23.4	23.35	23.34	23.54	23.78	23.72
50000	23.67	23.31	23.58	23.64	23.08	23	22.16	22.32	21.71	23.2	23.32	23.34	23.6	23.89	23.69
60000	23.67	23.30	23.53	23.6	23.07	22.97	22.14	22.25	21.71	23.07	23.26	23.32	23.67	23.81	23.66
70000	23.06	23.28	23.48	23.57	23.05	22.96	22.11	22.17	21.71	22.94	23.21	23.27	23.79	24.03	23.61
80000	23.69	23.28	23.47	23.55	23.04	22.94	22.12	22.18	21.71	22.88	23.17	23.22	23.85	24.05	23.58
90000	23.79	23.33	23.52	23.54	23.02	22.93	22.12	22.24	21.73	22.83	23.13	23.18	23.85	24.09	23.55
100000	23.79	23.38	23.63	23.52	22.98	22.93	22.13	22.32	21.75	22.75	23.11	23.1	23.83	24.17	23.53
110000	23.64	23.44	23.79	23.45	22.99	22.91	22.18	22.44	21.74	22.75	23.15	23.01	23.78	24.17	23.53
120000	23.66	23.43	23.93	23.48	22.98	22.89	22.22	22.52	21.72	22.74	23.05	22.93	23.7	24.23	23.47
130000	23.83	23.47	24.03	23.45	22.99	22.83	22.24	22.64	21.76	22.79	23.13	22.89	23.69	24.14	23.42
140000	23.59	23.48	23.98	23.41	22.99	22.7	22.3	22.64	21.71	22.89	23.22	22.86	23.67	24.13	23.5
150000	23.48	23.55	23.95	23.35	22.96	22.74	22.27	21.85	21.72	23.03	23.33	22.79	23.62	24.11	23.49
160000	23.45	23.59	23.95	23.25	22.96	22.74	22.58	21.71	21.72	23.01	23.29	22.8	23.51	24.02	23.47
170000	23.36	23.66	23.9	23.16	23.04	22.67	22.68	21.73	21.76	23.19	23.29	22.73	23.47	23.98	23.48
180000	23.25	23.90	23.9	23.08	23.11	22.62	22.55	21.77	21.74	23.15	23.17	22.8	23.48	23.91	23.52
190000	23.22	23.98	23.95	23.04	23.16	22.58	22.53	21.77	21.75	23.09	23.06	22.77	23.44	23.84	23.29
200000	23.11	23.96	23.96	23.02	23.16	22.52	22.52	21.73	21.78	23.14	23.13	22.82	23.51	23.77	23.3
210000	23.09	23.97	23.91	23.06	23.14	22.48	22.45	21.71	22.41	23.22	22.88	22.88	23.42	23.72	23.4
220000	23.22	23.91	23.84	23.13	23.12	22.41	22.37	21.72	22.39	23.24	22.98	22.89	23.56	23.79	23.41
230000	23.30	23.83	23.81	23.16	23.1	22.38	22.35	21.74	22.75	23.3	23.04	23.06	23.46	23.76	23.34
Daily Max	23.83	23.98	24.03	23.80	23.17	23.06	22.68	22.64	22.75	23.46	23.38	23.34	23.85	24.23	23.78
Daily Min	23.06	23.28	23.47	23.02	22.96	22.38	22.11	21.71	21.71	22.68	22.88	22.73	22.98	23.56	23.29
Average	23.50	23.53	23.78	23.42	23.07	22.81	22.30	22.12	21.83	23.03	23.20	23.03	23.56	23.92	23.54

Johnson Falls Tailwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	23.70	24.14	23.84	24.17	24.02	23.86	24.00	24.10	23.43	23.31	22.66	22.46	22.28	22.29	22.19
10000	23.56	24.13	23.72	24.22	24.08	23.85	24.05	24.15	23.86	23.33	23.29	22.70	22.47	22.30	22.19	22.18
20000	23.55	24.11	23.61	24.30	24.15	23.84	24.06	24.19	23.83	23.37	23.32	22.70	22.44	22.38	22.21	22.11
30000	23.90	24.09	23.51	24.32	24.16	23.84	24.07	24.22	23.81	23.36	23.29	22.67	22.42	22.33	22.20	22.11
40000	23.74	24.21	23.41	24.30	24.19	23.83	24.05	24.22	23.79	23.30	23.29	22.67	22.45	22.36	22.25	22.12
50000	23.70	24.07	23.39	24.29	24.21	23.82	24.02	24.11	23.78	23.17	23.28	22.61	22.45	22.38	22.41	21.98
60000	23.59	24.08	23.33	24.26	24.28	23.81	23.99	24.06	23.81	23.19	23.27	22.60	22.44	22.34	22.46	22.05
70000	23.62	23.98	23.26	24.23	24.31	23.80	23.97	24.02	23.78	23.23	23.25	22.63	22.42	22.43	22.49	22.06
80000	23.64	24.00	23.19	24.17	24.31	23.78	23.96	24.00	23.81	23.20	23.24	22.63	22.43	22.39	22.42	22.13
90000	23.74	23.99	23.12	24.13	24.29	23.77	23.96	23.97	23.82	23.26	23.23	22.62	22.42	22.42	22.43	22.14
100000	23.82	24.08	23.12	24.04	24.29	23.79	24.03	23.98	23.82	23.26	23.17	22.62	22.42	22.37	22.47	22.18
110000	23.89	24.00	23.05	23.95	24.28	23.84	24.00	24.01	23.71	23.20	23.09	22.60	22.42	22.39	22.46	22.21
120000	23.96	24.02	23.08	23.89	24.27	23.95	23.91	24.09	23.76	23.26	23.01	22.60	22.40	22.42	22.43	22.26
130000	24.12	24.44	23.05	23.87	24.25	24.05	23.83	24.01	23.83	23.31	22.91	22.57	22.39	22.38	22.42	22.20
140000	24.09	24.54	23.87	23.87	24.15	24.00	23.82	23.89	23.74	23.27	22.73	22.56	22.37	22.38	22.36	22.22
150000	24.13	24.48	23.19	23.79	24.11	24.02	23.79	23.90	23.71	23.24	22.73	22.53	22.39	22.38	22.33	22.28
160000	24.17	24.39	23.26	23.75	24.04	24.01	23.79	23.89	23.64	23.29	22.74	22.52	22.34	22.39	22.29	22.23
170000	24.23	24.35	23.35	23.72	23.96	24.03	23.80	23.92	23.61	23.28	22.73	22.50	22.32	22.28	22.30	22.28
180000	24.27	24.32	23.49	23.69	23.96	24.00	23.82	23.91	23.54	23.29	22.76	22.48	22.31	22.27	22.27	22.28
190000	24.25	24.28	23.71	23.68	23.91	23.97	23.83	23.86	23.50	23.36	22.74	22.47	22.29	22.26	22.29	22.28
200000	24.56	24.24	23.75	23.74	23.90	23.97	23.89	23.87	23.48	23.36	22.71	22.46	22.28	22.24	22.29	22.28
210000	24.29	24.19	23.86	23.81	23.87	23.89	23.94	23.87	23.47	23.32	22.75	22.46	22.28	22.25	22.24	22.29
220000	24.23	24.09	23.90	23.89	23.85	23.96	24.01	23.87	23.39	23.32	22.70	22.46	22.30	22.20	22.26	22.31
230000	24.18	23.96	24.08	23.90	23.85	24.00	24.05	23.86	23.39	23.34	22.73	22.48	22.29	22.28	22.22	22.32
			Missing data due to equipment change 8/3													
Daily Max	24.56	24.54	24.08	24.32	24.31	24.05	24.07	24.22	23.86	23.43	23.32	22.70	22.47	22.43	22.49	22.32
Daily Min	23.55	23.96	23.05	23.68	23.85	23.77	23.79	23.86	23.39	23.17	22.70	22.46	22.28	22.20	22.19	21.98
Average	23.96	24.17	23.45	24.00	24.11	23.90	23.94	24.00	23.70	23.29	23.01	22.58	22.38	22.34	22.33	22.20

Monthly average: 22.37
License Maximum: 31.67 C

Johnson Falls Tailwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	0 22 35	22 32	21 81	21 83	21 54	21 48	21 65	21 82	21 7	21 12	20 47	20 35	21 01	20 53	20 9
10000	22 31	22 32	21 78	21 87	21 53	21 5	21 73	21 84	21 64	21 12	20 46	20 36	21	20 55	20 87
20000	22 30	22 33	21 77	21 91	21 5	21 47	21 79	21 83	21 6	21 12	20 45	20 43	20 94	20 63	20 87
30000	22 31	22 34	21 76	21 92	21 5	21 47	21 82	21 84	21 57	21 12	20 45	20 38	20 94	20 63	20 9
40000	22 34	22 36	21 74	21 94	21 49	21 49	21 79	21 85	21 52	21 11	20 45	20 4	20 9	20 59	20 89
50000	22 25	22 37	21 71	21 94	21 48	21 5	21 57	21 88	21 46	21 1	20 44	20 42	20 88	20 64	20 89
60000	22 25	22 36	21 72	21 95	21 46	21 8	21 59	21 91	21 41	21 09	20 42	20 5	20 86	20 66	20 89
70000	22 24	22 36	21 71	21 94	21 45	21 66	21 58	21 93	21 38	21 06	20 41	20 5	20 82	20 68	20 87
80000	22 24	22 34	21 71	21 94	21 45	21 68	21 58	21 93	21 3	21 02	20 4	20 44	20 79	20 69	20 87
90000	22 24	22 31	21 69	21 96	21 45	21 81	21 61	21 93	21 3	20 99	20 4	20 39	20 79	20 71	20 86
100000	22 23	22 30	21 69	21 91	21 45	21 82	21 61	21 91	21 23	20 94	20 37	20 55	20 74	20 71	20 83
110000	22 23	22 28	21 73	21 91	21 45	21 69	21 64	21 92	21 22	20 89	20 36	20 67	20 69	20 7	20 76
120000	22 23	22 25	21 73	21 9	21 46	21 87	21 64	21 9	21 17	20 84	20 34	20 68	20 66	20 74	20 73
130000	22 22	22 20	21 7	21 85	21 45	21 86	21 66	21 86	21 15	20 78	20 27	20 69	20 62	20 73	20 66
140000	22 22	22 17	21 67	21 8	21 44	21 85	21 68	21 87	21 15	20 73	20 26	20 67	20 6	20 75	20 7
150000	22 21	22 14	21 69	21 75	21 42	21 87	21 67	21 84	21 15	20 7	20 26	20 81	20 54	20 77	20 7
160000	22 23	22 11	21 73	21 73	21 42	21 83	21 66	21 86	21 11	20 66	20 3	20 66	20 53	20 82	20 75
170000	22 23	22 06	21 76	21 7	21 41	21 63	21 69	21 84	21 1	20 65	20 3	20 74	20 51	20 84	20 7
180000	22 25	22 01	21 73	21 66	21 45	21 76	21 72	21 84	21 12	20 6	20 28	20 79	20 51	20 87	20 71
190000	22 25	21 98	21 75	21 63	21 46	21 68	21 77	21 79	21 1	20 57	20 33	20 98	20 49	20 88	20 75
200000	22 27	21 95	21 77	21 6	21 48	21 74	21 77	21 83	21 09	20 56	20 29	20 91	20 47	20 92	20 74
210000	22 27	21 90	21 78	21 58	21 49	21 73	21 74	21 8	21 1	20 53	20 34	20 99	20 49	20 87	20 75
220000	22 30	21 87	21 81	21 57	21 48	21 74	21 8	21 82	21 12	20 52	20 38	21 01	20 53	20 89	20 71
230000	22 32	21 85	21 81	21 55	21 47	21 73	21 82	21 79	21 12	20 51	20 38	21 03	20 53	20 9	20 75
Daily Max	22 35	22 37	21 81	21 96	21 54	21 87	21 82	21 93	21 70	21 12	20 47	21 03	21 01	20 92	20 90
Daily Min	22 21	21 85	21 67	21 55	21 41	21 47	21 57	21 79	21 09	20 51	20 26	20 35	20 47	20 53	20 66
Average	22 26	22 19	21 74	21 81	21 47	21 69	21 69	21 86	21 28	20 85	20 37	20 64	20 70	20 74	20 79

Johnson Falls Tailwater Temperature Summary - September 2006

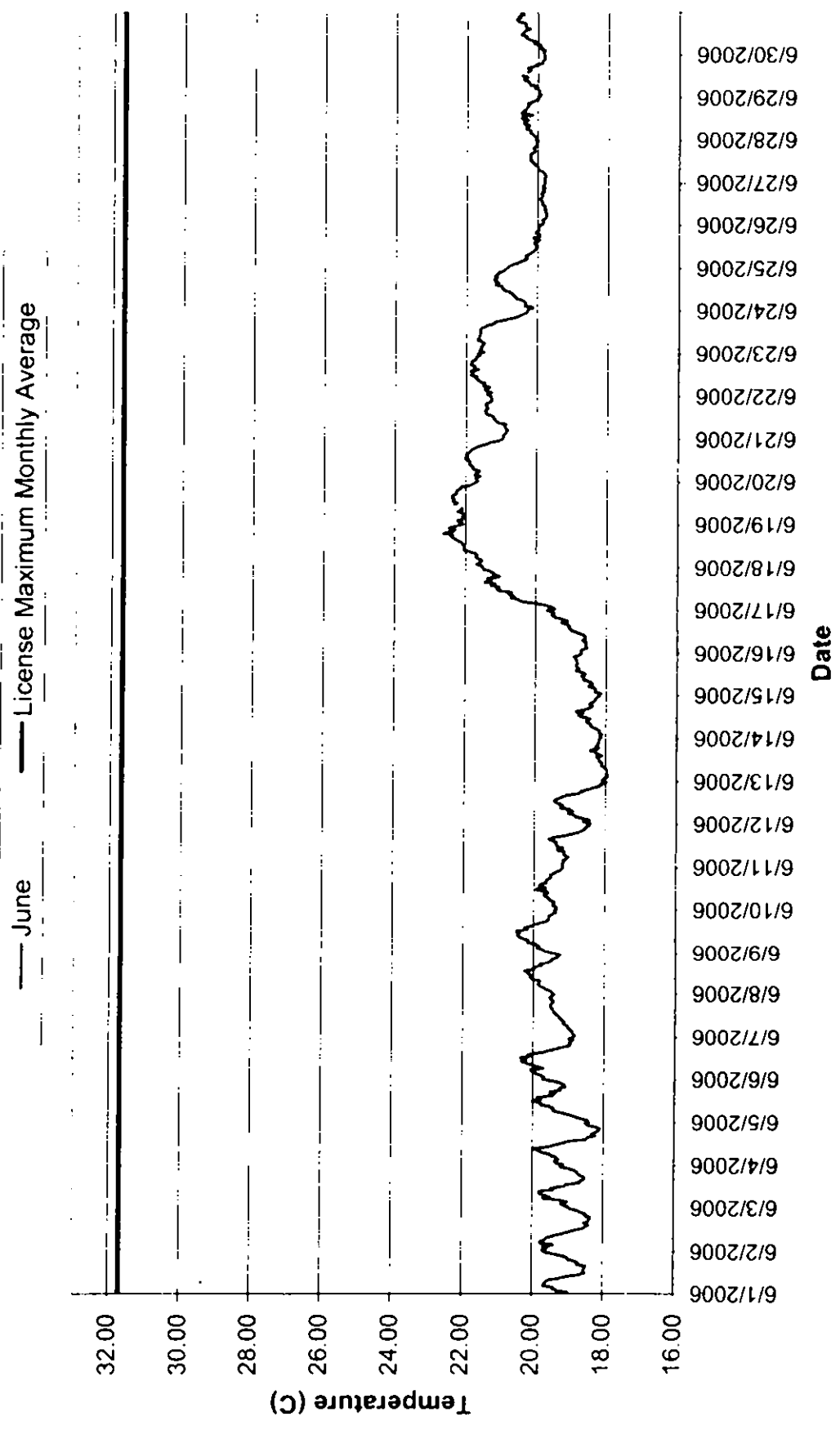
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0 20.71	20.49	20.44	20.37	20.31	20.36	21.04	21.12	20.52	19.49	18.40	17.55	16.86	17.06	17.17	17.60
10000	20.69	20.47	20.48	20.38	20.32	20.35	21.03	21.14	20.50	19.44	18.37	17.54	16.84	17.06	17.23	17.60
20000	20.68	20.46	20.46	20.46	20.33	20.36	21.01	21.12	20.48	19.37	18.33	17.51	16.82	17.07	17.22	17.56
30000	20.69	20.53	20.45	20.38	20.34	20.35	21.01	21.11	20.44	19.30	18.29	17.50	16.81	17.04	17.22	17.59
40000	20.66	20.48	20.45	20.36	20.33	20.37	20.99	21.11	20.40	19.25	18.26	17.47	16.79	17.01	17.21	17.60
50000	20.68	20.46	20.43	20.36	20.33	20.38	20.98	21.09	20.37	19.19	18.23	17.45	16.77	16.99	17.21	17.58
60000	20.67	20.46	20.42	20.37	20.32	20.41	20.99	21.07	20.33	19.14	18.19	17.43	16.76	16.96	17.25	17.58
70000	20.63	20.45	20.42	20.36	20.33	20.42	21.00	21.04	20.29	19.09	18.16	17.41	16.75	16.93	17.22	17.56
80000	20.64	20.45	20.45	20.37	20.34	20.43	20.99	21.02	20.25	19.04	18.12	17.38	16.74	16.90	17.23	17.58
90000	20.64	20.47	20.43	20.38	20.34	20.42	21.01	21.03	20.23	18.99	18.09	17.34	16.74	16.89	17.22	17.59
100000	20.62	20.45	20.43	20.38	20.35	20.44	21.02	21.04	20.24	18.94	18.04	17.29	16.75	16.88	17.26	17.63
110000	20.60	20.47	20.46	20.37	20.39	20.46	21.12	21.02	20.16	18.87	17.99	17.25	16.76	16.92	17.32	17.74
120000	20.55	20.45	20.41	20.38	20.33	20.79	21.16	20.97	20.02	18.78	17.94	17.21	16.77	17.02	17.43	17.84
130000	20.54	20.45	20.39	20.36	20.33	20.79	21.27	20.92	19.92	18.69	17.88	17.17	16.79	17.14	17.54	17.89
140000	20.51	20.46	20.39	20.36	20.32	20.88	21.35	20.79	19.82	18.61	17.82	17.14	16.83	17.33	17.60	17.93
150000	20.50	20.43	20.36	20.35	20.32	20.93	21.29	20.74	19.77	18.56	17.78	17.11	16.86	17.42	17.64	17.99
160000	20.54	20.43	20.37	20.34	20.31	21.04	21.39	20.70	19.72	18.57	17.73	17.08	16.91	17.45	17.69	17.95
170000	20.58	20.44	20.38	20.34	20.30	21.17	21.29	20.68	19.70	18.54	17.70	17.05	16.93	17.46	17.69	18.06
180000	20.54	20.40	20.35	20.31	20.31	21.28	21.24	20.65	19.69	18.54	17.66	17.02	16.98	17.44	17.66	18.12
190000	20.54	20.40	20.35	20.30	20.33	21.22	21.29	20.66	19.69	18.54	17.64	16.99	17.00	17.35	17.62	18.07
200000	20.52	20.41	20.35	20.34	20.34	21.27	21.21	20.62	19.67	18.52	17.63	16.97	17.03	17.30	17.59	18.08
210000	20.47	20.44	20.36	20.32	20.33	21.17	21.18	20.60	19.62	18.51	17.60	16.94	17.10	17.27	17.58	18.05
220000	20.48	20.52	20.37	20.31	20.32	21.09	21.17	20.57	19.60	18.47	17.58	16.91	17.08	17.21	17.56	18.07
230000	20.45	20.46	20.37	20.30	20.33	21.04	21.16	20.54	19.54	18.45	17.57	16.89	17.07	17.17	17.59	18.09
Daily Max	20.71	20.53	20.48	20.46	20.39	21.28	21.39	21.14	20.52	19.49	18.40	17.55	17.10	17.46	17.69	18.12
Daily Min	20.45	20.40	20.35	20.30	20.30	20.35	20.98	20.54	19.54	18.45	17.57	16.89	16.74	16.88	17.17	17.56
Average	20.59	20.46	20.41	20.36	20.33	20.73	21.13	20.89	20.04	18.87	17.96	17.23	16.86	17.14	17.41	17.81

Monthly average: 19.16
License Maximum: 31.67 C

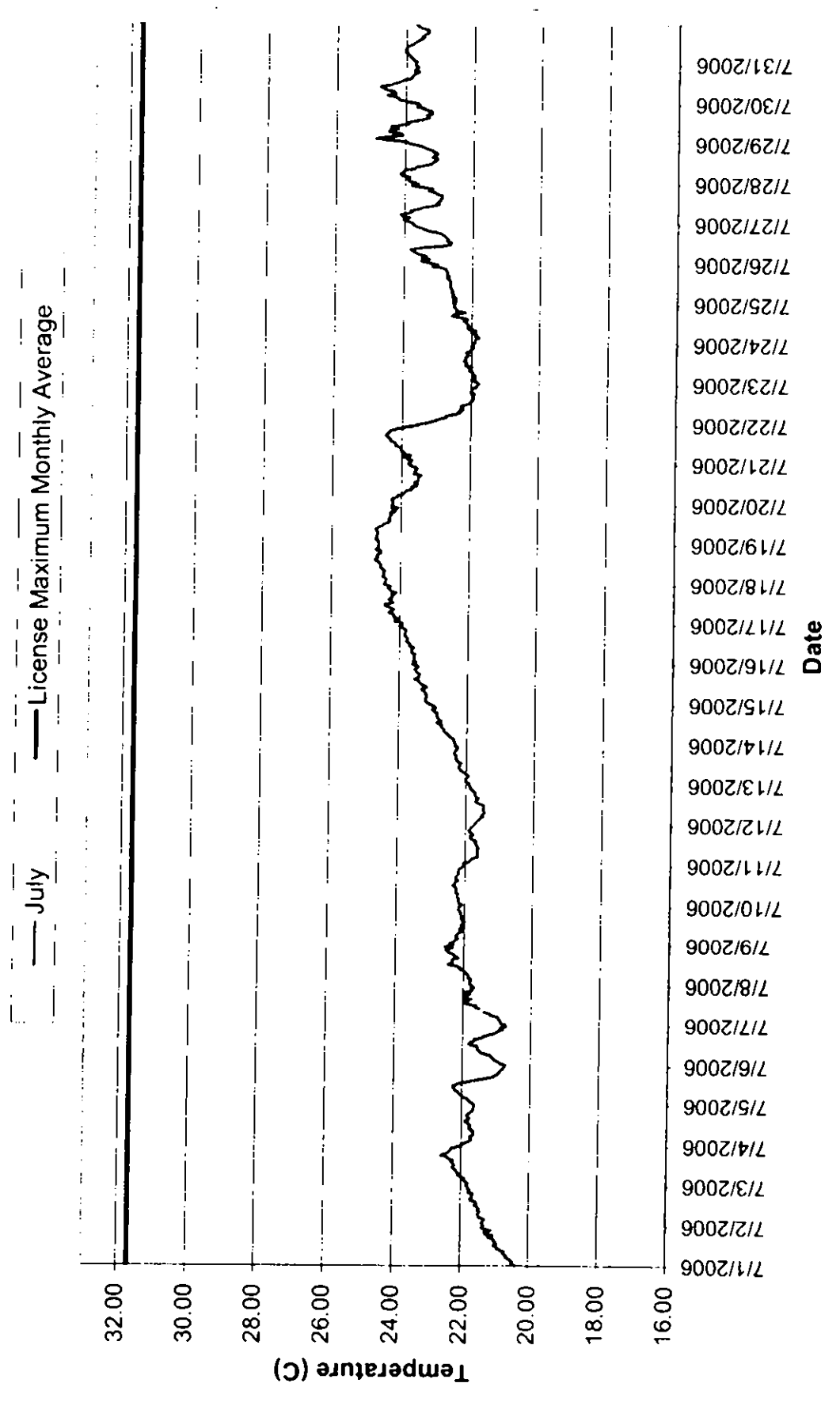
Johnson Falls Tailwater Temperature Summary - September 2006

Time HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	18.06	18.26												
10000	18.04	18.23												
20000	18.01	18.21												
30000	18.00	18.17												
40000	17.98	18.15												
50000	17.96	18.13												
60000	17.93	18.13												
70000	17.91	18.11												
80000	17.89	18.09												
90000	17.88	18.10												
100000	17.92	18.12												
110000	18.02	18.17												
120000	18.13	18.23												
130000	18.24	18.30												
140000	18.32	18.31												
150000	18.38													
160000	18.30													
170000	18.29													
180000	18.31													
190000	18.31													
200000	18.23													
210000	18.23													
220000	18.21													
230000	18.23													
	Missing data due to equipment failure. No data/files when datasonde was retrieved. 9/18-9/30													
Daily Max	18.38	18.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Min	17.88	18.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	18.12	18.18	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Sandstone Rapids Tailwater - Water Temperatures 2006

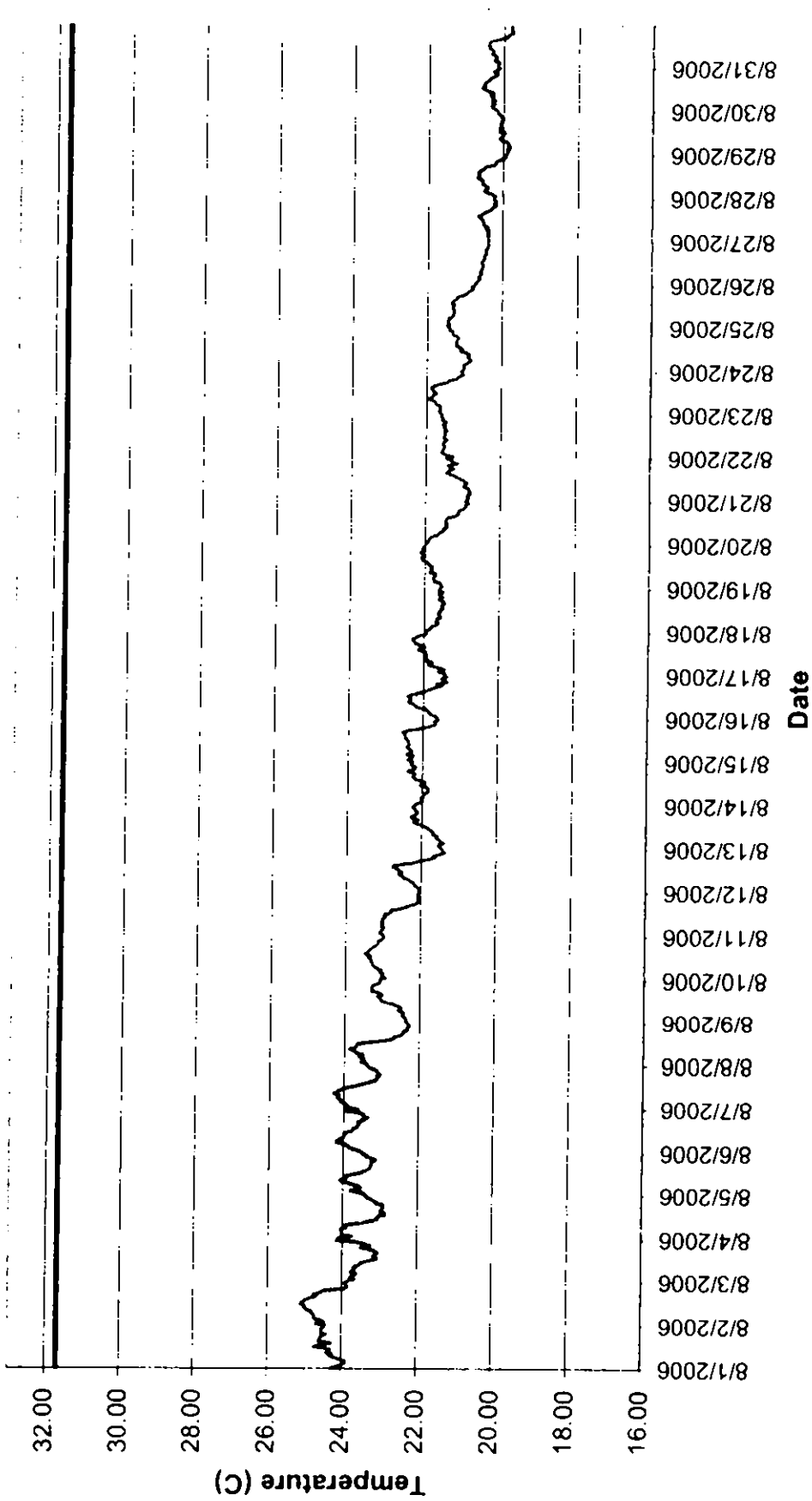


Sandstone Rapids Tailwater - Water Temperatures 2006



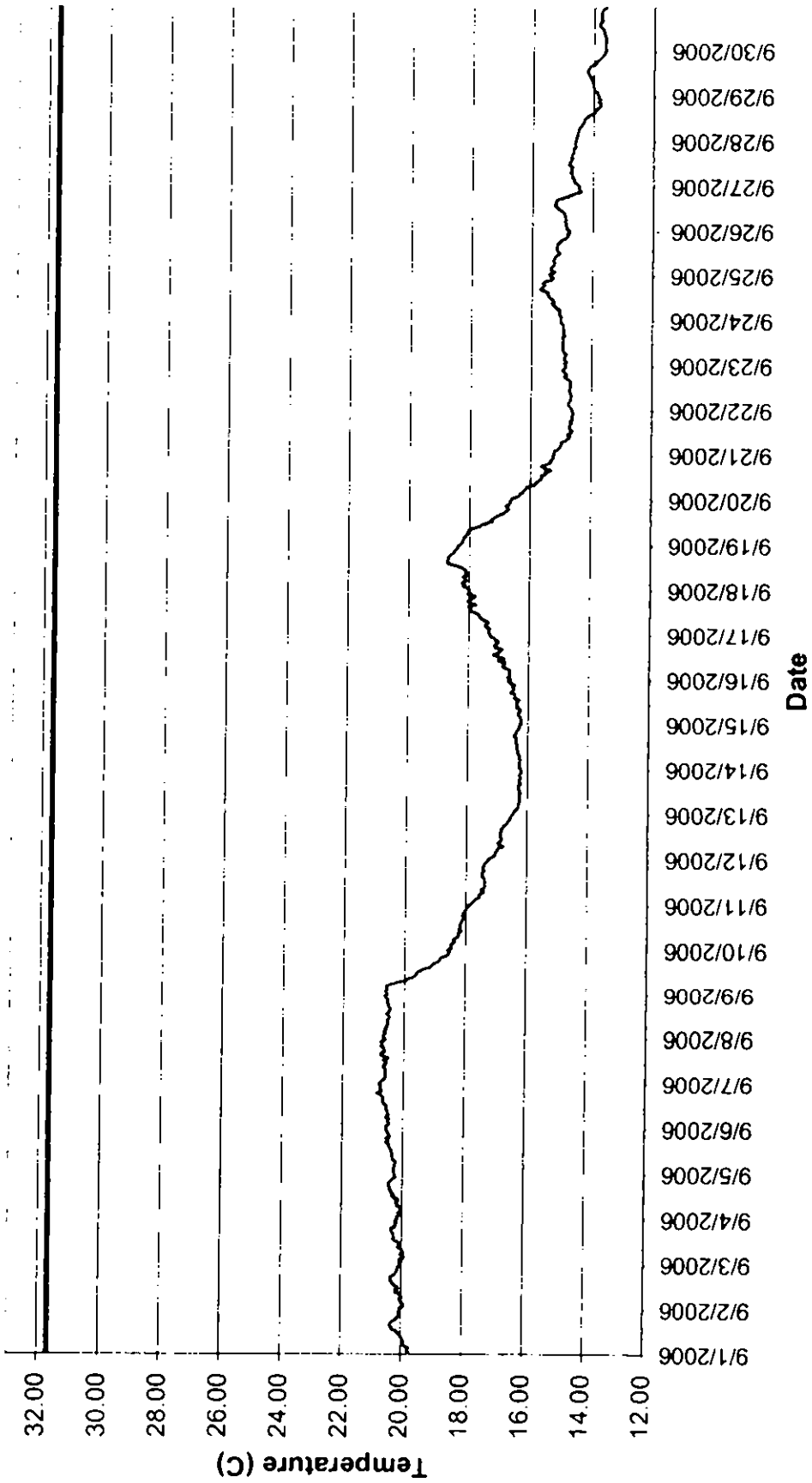
Sandstone Rapids Tailwater - Water Temperatures 2006

— August — License Maximum Monthly Average



Sandstone Rapids Tailwater - Water Temperatures 2006

— September — License Maximum Monthly Average



Sandstone Tailwater Temperature Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	18.97	19.71	18.98	19.12	18.42	19.72	18.87	19.45	19.52	19.35	19.20	18.43	18.10	18.14	18.18
10000	19.26	19.57	19.10	19.31	18.44	19.68	18.83	19.51	19.69	19.37	19.23	18.64	18.05	18.18	18.15	18.72
20000	19.41	19.69	19.20	19.38	18.66	19.75	18.86	19.63	19.77	19.48	19.17	18.45	17.94	18.11	18.31	18.69
30000	19.41	19.41	19.00	19.27	18.77	19.91	18.91	19.70	19.92	19.43	19.19	18.73	17.95	18.21	18.32	18.55
40000	19.69	19.76	19.26	19.31	18.95	19.96	18.92	19.81	19.85	19.43	19.09	18.85	17.97	18.18	18.32	18.58
50000	19.65	19.77	19.70	19.45	19.11	20.06	19.02	19.87	19.96	19.55	19.04	18.93	17.96	18.24	18.50	18.59
60000	19.61	19.61	19.51	19.52	19.39	19.71	19.02	19.85	20.17	19.56	19.14	19.06	17.97	18.36	18.39	18.56
70000	19.49	19.58	19.68	19.73	19.43	19.88	19.06	19.80	20.16	19.67	19.17	18.91	18.00	18.45	18.38	18.68
80000	19.21	19.37	19.81	19.85	19.40	20.04	19.17	20.00	20.27	19.72	19.14	19.02	18.09	18.41	18.51	18.62
90000	19.07	19.17	19.81	19.96	19.53	20.18	19.12	20.10	20.39	19.60	19.34	19.29	18.12	18.57	18.65	18.60
100000	18.65	19.02	19.41	19.50	19.76	20.32	19.23	20.00	20.46	19.67	19.19	19.21	18.11	18.49	18.63	18.63
110000	18.50	18.81	19.48	19.35	19.77	20.18	19.25	20.14	20.40	19.93	19.33	19.29	18.20	18.45	18.69	18.78
120000	18.56	18.59	19.10	19.16	20.01	20.36	19.28	20.14	20.50	19.67	19.39	19.42	18.19	18.69	18.60	18.90
130000	18.54	18.47	19.05	18.96	19.75	20.02	19.37	20.25	20.17	19.84	19.38	19.45	18.25	18.78	18.67	19.00
140000	18.52	18.40	18.65	18.51	19.88	20.14	19.42	19.96	20.26	19.82	19.45	19.35	18.11	18.64	18.66	19.07
150000	18.47	18.53	18.66	18.45	19.45	19.75	19.44	19.99	20.03	19.65	19.60	19.20	18.24	18.86	18.77	19.04
160000	18.73	18.41	18.53	18.23	19.37	19.58	19.47	19.78	19.92	19.66	19.52	19.10	18.29	18.60	18.81	19.14
170000	18.69	18.39	18.53	18.34	19.50	19.36	19.50	19.82	19.69	19.56	19.13	18.77	18.43	18.44	18.87	19.27
180000	18.81	18.35	18.62	18.22	19.23	19.20	19.50	19.60	19.58	19.52	18.93	18.68	18.19	18.39	18.81	19.10
190000	18.97	18.51	18.71	18.13	19.26	18.99	19.43	19.49	19.58	19.55	18.72	18.53	18.28	18.48	18.85	19.27
200000	19.00	18.48	18.74	18.10	19.08	18.95	19.45	19.47	19.58	19.45	18.62	18.35	18.24	18.38	18.83	19.45
210000	19.15	18.65	18.80	18.19	19.14	18.98	19.54	19.33	19.49	19.36	18.58	18.16	18.21	18.31	18.88	19.53
220000	19.42	18.71	18.97	18.38	19.22	18.87	19.54	19.28	19.37	19.25	18.54	18.13	18.20	18.30	18.92	19.48
230000	19.63	18.94	19.21	18.52	19.41	19.00	19.42	19.26	19.43	19.19	18.45	17.97	18.20	18.24	18.74	19.50
Daily Max	19.69	19.77	19.81	19.96	20.01	20.36	19.54	20.25	20.50	19.93	19.60	19.45	18.43	18.86	18.92	19.53
Daily Min	18.47	18.35	18.53	18.10	18.42	18.87	18.83	19.26	19.37	19.19	18.45	17.97	17.94	18.11	18.15	18.55
Average	19.06	19.00	19.10	18.96	19.29	19.69	19.23	19.76	19.92	19.55	19.11	18.83	18.14	18.41	18.61	18.94

Monthly average: 20.21
License Maximum: 31.67 C

Sandstone Tailwater Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0	19.69	21.50	22.07	21.66	20.97	21.30	21.67	20.27	20.89	19.93	20.06	20.01	19.83
10000	19.46	21.55	22.13	22.13	21.69	20.95	21.40	21.49	20.26	20.83	19.84	20.04	19.92	19.85
20000	19.63	21.69	22.23	22.23	21.71	20.96	21.28	21.63	20.13	20.73	19.85	20.13	19.97	19.80
30000	19.74	21.57	22.07	22.07	21.60	20.88	21.44	21.58	20.36	20.59	19.86	20.16	19.97	19.95
40000	20.03	21.52	22.10	22.10	21.74	20.86	21.48	21.58	20.34	20.46	19.77	20.21	19.99	19.94
50000	20.43	21.62	22.00	22.00	21.69	20.82	21.34	21.53	20.34	20.31	19.75	20.22	20.10	19.93
60000	20.48	21.72	22.09	22.09	21.62	20.89	21.51	21.48	20.44	20.28	19.76	20.33	20.04	20.12
70000	20.71	21.66	22.23	22.23	21.80	20.90	21.46	21.56	20.59	20.35	19.75	20.33	20.23	20.08
80000	20.62	21.74	22.08	22.08	21.79	20.87	21.58	21.69	20.63	20.25	19.80	20.23	20.25	20.23
90000	20.78	21.92	22.12	22.12	21.85	21.07	21.65	21.64	20.69	20.17	19.77	20.41	20.30	20.36
100000	20.69	22.06			21.91	21.14	21.73	21.63	20.73	20.09	19.81	20.40	20.40	20.33
110000	21.03	22.01	22.32	22.32	21.87	21.20	21.70	21.61	20.82	20.07	19.78	20.26	20.28	20.49
120000	21.11	22.04	22.23	22.23	21.90	21.22	21.86	21.59	20.97	20.02	19.88	20.15	20.47	20.41
130000	21.06	22.08	22.35	22.35	22.03	21.28	21.81	21.60	21.00	20.02	19.86	20.21	20.44	20.39
140000	21.28	22.13	22.32	22.32	21.94	21.44	21.88	21.62	21.01	20.09	19.91	20.16	20.28	20.23
150000	21.16	22.21	22.38	22.38	21.99	21.44	21.65	21.48	21.19	20.08	19.92	20.47	20.21	20.35
160000	21.45	22.31	22.38	22.38	21.94	21.46	21.79	21.41	21.10	19.95	19.87	20.20	20.28	20.36
170000	21.28	22.40	22.26	22.26	21.87	21.38	21.74	21.26	21.18	20.13	19.85	20.34	20.16	20.34
180000	21.37	22.37	22.26	22.26	21.84	21.41	21.86	21.17	21.23	19.93	19.90	20.28	20.00	20.53
190000	21.02	22.63	22.25	22.25	21.74	21.45	21.82	20.95	21.12	19.95	19.81	20.28	19.88	20.62
200000	21.19	22.37	22.16	22.16	21.61	21.42	21.83	20.67	21.20	20.06	19.86	20.28	19.88	20.51
210000	21.22	22.29	22.11	22.11	21.43	21.29	21.71	20.53	21.12	19.98	19.80	20.19	19.82	20.58
220000	21.31	22.47	21.85	21.85	21.29	21.27	21.72	20.44	21.08	19.97	19.86	20.06	19.83	20.40
230000	21.49	22.25	21.78	21.78	21.08	21.30	21.62	20.30	20.95	19.98	19.81	19.99	19.83	20.50
Daily Max	21.49	22.63	22.38	22.38	22.03	21.46	21.88	21.69	21.23	20.89	19.93	20.47	20.45	20.62
Daily Min	19.46	21.50	21.78	21.78	21.08	20.82	21.28	20.30	20.13	19.93	19.75	19.99	19.82	19.80
Average	20.76	22.00	22.16	22.16	21.73	21.16	21.63	21.34	20.78	20.22	19.83	20.26	20.09	20.26

Missing data on 6/19 and 6/29 due to equipment change.

Sandstone Tailwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0	20.39	21.32	21.85	21.96	21.64	20.74	20.78	21.79	22.30	22.14	22.03	21.73	21.90	22.34	23.61
10000	20.49	21.36	21.79	21.94	21.69	20.89	20.91	21.82	22.42	22.07	22.05	21.71	21.92	22.35	23.18	23.51
20000	20.46	21.38	21.86	21.81	21.79	20.97	20.89	21.80	22.30	22.16	21.90	21.67	21.99	22.37	23.22	23.58
30000	20.52	21.29	21.92	21.72	21.80	21.08	20.95	21.78	22.27	22.18	21.84	21.62	22.01	22.40	23.22	23.57
40000	20.60	21.33	21.90	21.71	21.87	21.09	20.98	21.86	22.17	22.16	21.81	21.58	21.99	22.45	23.19	23.55
50000	20.67	21.47	22.00	21.76	21.99	21.15	21.00	21.87	22.23	22.20	21.63	21.50	21.93	22.50	23.17	23.58
60000	20.66	21.48	22.08	21.65	22.00	21.20	21.19	21.88	22.24	22.22	21.66	21.53	21.96	22.54	23.21	23.54
70000	20.75	21.50	22.09	21.64	22.12	21.45	21.25	21.95	22.19	22.20	21.64	21.46	22.05	22.62	23.22	23.64
80000	20.70	21.45	22.13	21.66	22.12	21.49	21.39	21.98	22.14	22.26	21.66	21.46	22.12	22.68	23.27	23.63
90000	20.81	21.49	22.14	21.72	22.20	21.55	21.55	22.08	22.02	22.23	21.65	21.50	22.17	22.66	23.34	23.65
100000	20.92	21.48	22.25	21.79	22.22	21.57	21.52	22.11	22.13	22.26	21.61	21.48	22.22	22.72	23.18	23.57
110000	20.93	21.53	22.25	21.74	22.27	21.58	21.65	22.22	22.10	22.26	21.66	21.46	22.20	22.76	23.24	23.71
120000	21.02	21.58	22.18	21.75	22.27	21.77	21.61	22.45	22.07	22.35	21.66	21.51	22.19	22.73	23.35	23.70
130000	20.94	21.54	22.23	21.80	22.14	21.84	21.86	22.33	22.09	22.31	21.72	21.64	22.15	22.89	23.39	23.70
140000	20.96	21.56	22.31	21.90	21.89	21.66	21.95	22.33	22.04	22.28	21.71	21.71	22.28	22.75	23.42	23.79
150000	21.03	21.71	22.23	21.82	21.68	21.65	21.85	22.33	21.98	22.19	21.73	21.69	22.27	22.82	23.55	23.76
160000	21.02	21.71	22.36	21.78	21.41	21.45	21.79	22.14	22.06	22.26	21.86	21.63	22.32	22.83	23.42	23.76
170000	21.18	21.65	22.42	21.84	21.09	21.35	21.95	22.25	22.09	22.26	21.87	21.71	22.30	22.90	23.41	23.84
180000	21.04	21.68	22.58	21.85	21.04	21.19	21.90	22.31	22.08	22.21	21.78	21.73	22.34	22.90	23.38	23.84
190000	21.26	21.64	22.46	21.77	20.97	21.03	21.80	22.41	22.09	22.19	21.80	21.75	22.35	22.88	23.49	23.83
200000	21.28	21.79	22.38	21.69	20.93	20.99	21.94	22.47	22.12	22.18	21.88	21.74	22.33	22.96	23.50	23.81
210000	21.10	21.74	22.31	21.67	20.88	20.83	21.75	22.53	22.12	22.18	21.89	21.83	22.27	23.02	23.54	23.81
220000	21.29	21.80	22.30	21.66	20.82	20.90	21.78	22.33	22.17	22.16	21.85	21.88	22.25	22.92	23.46	23.91
230000	21.37	21.81	22.13	21.65	20.79	20.75	21.68	22.56	22.17	22.08	21.81	21.88	22.33	22.97	23.46	24.00
Daily Max	21.37	21.81	22.58	21.96	22.27	21.84	21.95	22.56	22.42	22.35	22.05	21.88	22.35	23.02	23.55	24.00
Daily Min	20.39	21.29	21.79	21.64	20.79	20.74	20.78	21.78	21.98	22.07	21.61	21.46	21.90	22.34	23.07	23.51
Average	20.89	21.55	22.17	21.76	21.65	21.26	21.49	22.15	22.15	22.21	21.78	21.64	22.16	22.71	23.33	23.70

Missing data on 7/7 due to equipment change.

Monthly average: 22.74
 License Maximum: 31.67 C

Sandstone Tailwater Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	0 23.91	24.47	24.65	24.25	23.79	23.47	21.77	21.95	22.49	23.03	23.75	23.61	23.89	23.68	23.73
10000	23.92	24.43	24.64	24.24	23.76	23.22	21.84	21.89	22.55	23.27	23.78	23.79	23.96	23.94	23.69
20000	24.15	24.43	24.64	24.25	23.70	23.09	21.93	21.91	22.46	23.52	23.92	23.89	24.39	24.16	23.78
30000	24.05	24.41	24.74	24.30	23.82	22.90	21.88	21.87	22.55	23.25	24.04	23.91	24.85	24.23	23.85
40000	24.18	24.44	24.71	24.15	23.94	22.70	21.97	21.79	22.47	23.50	23.85	23.85	24.52	24.31	23.86
50000	24.17	24.51	24.71	24.13	23.73	22.72	21.88	21.91	22.59	23.34	24.08	24.10	24.07	24.55	23.92
60000	24.17	24.47	24.66	23.96	23.95	22.46	21.94	21.86	22.54	23.59	24.11	24.14	24.13	24.28	23.94
70000	24.32	24.48	24.67	23.90	23.95	22.30	21.96	22.01	22.58	23.68	23.81	24.02	24.49	24.36	24.04
80000	24.23	24.46	24.69	23.85	24.04	22.35	22.05	22.56	23.75	23.68	23.84	24.04	24.45	24.55	23.99
90000	24.16	24.49	24.74	23.67	24.01	22.21	22.06	22.60	23.82	23.82	23.60	23.74	24.20	24.65	24.01
100000	24.33	24.58	24.65	23.71	24.07	22.31	21.98	22.12	22.61	23.38	23.45	23.64	24.43	24.73	23.96
110000	24.41	24.58	24.53	23.57	24.21	22.28	22.17	22.07	22.66	22.88	23.16	23.36	24.18	24.43	23.84
120000	24.44	24.58	24.52	23.53	24.18	22.09	22.14	22.13	22.61	22.65	23.00	23.22	23.91	24.34	23.76
130000	24.21	24.60	24.38	23.64	24.22	22.01	22.13	22.15	22.64	22.62	23.06	23.17	23.90	24.17	23.71
140000	24.25	24.68	24.31	23.51	24.35	21.97	22.21	22.25	22.65	22.75	22.97	23.07	23.60	24.05	23.60
150000	24.32	24.75	24.37	23.52	24.33	21.90	22.16	22.12	22.66	22.70	22.95	23.05	23.36	23.84	23.48
160000	24.24	24.66	24.33	23.50	24.40	21.96	22.19	22.30	22.74	22.77	22.89	23.20	23.30	23.83	23.56
170000	24.21	24.71	24.32	23.42	24.47	21.93	22.09	22.58	22.68	22.84	22.93	23.09	23.39	23.78	23.46
180000	24.25	24.65	24.26	23.64	24.43	21.90	22.09	22.49	22.74	22.90	23.05	23.05	23.22	23.72	23.34
190000	24.12	24.58	24.32	23.60	24.37	22.01	22.14	22.18	22.72	22.98	23.11	23.17	23.22	23.62	23.38
200000	24.25	24.57	24.16	23.61	24.35	21.98	22.05	22.46	22.75	23.24	23.29	23.18	23.33	23.77	23.34
210000	24.31	24.72	24.26	23.54	24.17	21.96	21.99	22.45	22.76	23.42	23.19	23.38	23.48	23.66	23.56
220000	24.35	24.65	24.09	23.62	23.98	21.86	21.94	22.51	22.90	23.51	23.48	23.45	23.68	23.64	23.65
230000	24.28	24.65	24.30	23.73	23.69	21.83	22.00	22.54	23.18	23.68	23.79	23.63	23.59	23.74	23.69
Daily Max	24.44	24.75	24.74	24.30	24.47	23.47	22.21	22.58	23.18	23.82	24.11	24.14	24.85	24.73	24.04
Daily Min	23.91	24.41	24.09	23.42	23.69	21.83	21.77	21.79	22.46	22.62	22.89	23.05	23.22	23.62	23.34
Average	24.22	24.56	24.49	23.79	24.08	22.31	22.02	22.15	22.65	23.21	23.46	23.53	23.90	24.08	23.71

Sandstoen Tailwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	24.27	24.44	23.84	24.10	23.44	23.56	23.97	23.40	23.07	22.99	22.04	21.47	22.18	22.26	21.63
10000	24.13	24.68	23.66	23.73	23.56	23.71	23.89	23.55	22.35	22.93	23.01	22.04	21.54	22.11	22.39	21.67
20000	24.02	24.46	23.79	24.02	23.81	23.85	23.94	23.47	22.37	23.04	23.10	22.05	21.55	21.99	22.33	21.80
30000	23.88	24.56	23.71	24.03	23.52	23.88	24.09	23.50	22.42	22.99	23.04	22.11	21.41	22.02	22.25	21.83
40000	23.89	24.73	23.60	24.02	23.55	24.03	24.07	23.62	22.47	23.09	23.00	22.19	21.51	22.01	22.42	21.88
50000	24.02	24.74	23.77	24.04	23.61	24.21	24.11	23.50	22.43	23.02	22.98	22.18	21.53	21.95	22.31	21.94
60000	24.16	24.73	23.69	23.88	23.81	24.15	24.19	23.67	22.47	23.15	23.05	22.26	21.62	21.96	22.29	22.17
70000	24.32	24.81	23.65	23.91	23.95	24.04	24.11	23.77	22.59	23.23	23.00	22.35	21.60	21.83	22.39	22.23
80000	24.23	24.83	23.69	23.53	24.09	23.97	24.28	23.86	22.50	23.27	23.04	22.48	21.70	21.85	22.43	22.29
90000	24.39	24.95	23.54	23.29	23.90	23.99	24.21	23.69	22.52	23.28	23.04	22.49	21.68	21.84	22.36	22.39
100000	24.28	25.01	23.50	23.06	23.98	23.89	24.08	23.68	22.66	23.32	22.98	22.61	21.77	21.89	22.38	22.35
110000	24.40	24.99	23.36	23.08	23.77	23.75	24.08	23.68	22.76	23.32	22.94	22.51	21.82	22.05	22.40	22.32
120000	24.74	25.11	23.16	22.98	23.60	23.76	23.80	23.29	22.96	23.40	22.97	22.60	21.90	21.94	22.41	22.41
130000	24.50	25.04	23.06	22.85	23.44	23.61	23.57	22.91	23.03	23.32	22.81	22.63	21.99	21.94	22.47	22.32
140000	24.26	24.98	23.18	22.98	23.32	23.63	23.37	22.66	23.06	23.48	22.80	22.77	22.17	22.15	22.48	22.08
150000	24.61	24.84	23.10	22.97	23.28	23.55	23.20	22.69	23.13	23.40	22.53	22.69	22.23	22.23	22.48	21.92
160000	24.61	24.68	23.04	22.92	23.27	23.63	23.10	22.49	23.00	23.36	22.40	22.27	22.08	22.26	22.55	21.83
170000	24.56	24.68	23.14	22.92	23.22	23.44	23.14	22.42	23.09	23.31	22.23	22.04	22.29	22.20	22.35	21.69
180000	24.55	24.54	23.28	22.92	23.25	23.34	23.03	22.44	23.29	23.25	22.09	21.83	22.25	22.25	22.05	21.51
190000	24.39	24.48	23.52	23.10	23.12	23.48	23.08	22.32	23.29	23.18	22.01	21.64	22.13	22.39	21.88	21.65
200000	24.54	23.91	23.25	23.11	23.18	23.46	23.12	22.33	23.29	23.13	22.08	21.68	22.12	22.23	21.69	21.36
210000	24.54	23.85	23.43	23.24	23.38	23.57	23.18	22.29	23.25	23.13	22.01	21.48	22.18	22.17	21.66	21.46
220000	24.55	23.88	23.61	23.35	23.39	23.93	23.32	22.26	23.10	23.06	22.08	21.37	22.18	22.29	21.70	21.52
230000	24.49	23.92	24.14	23.36	23.48	23.60	23.38	22.30	23.05	22.99	22.09	21.43	22.26	22.32	21.61	21.38
Daily Max	24.74	25.11	24.14	24.10	24.09	24.21	24.28	23.86	23.29	23.48	23.10	22.77	22.29	22.39	22.55	22.41
Daily Min	23.88	23.85	23.04	22.85	23.12	23.34	23.03	22.26	22.35	22.93	22.01	21.37	21.41	21.83	21.61	21.36
Average	24.35	24.62	23.49	23.39	23.54	23.75	23.67	23.07	22.81	23.20	22.68	22.16	21.87	22.09	22.23	21.90

Monthly average 22.06
License Maximum: 31.67 C

Sandstoen Tailwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	0	21.42	21.98	21.58	21.99	20.94	21.46	21.08	21.4	20.73	20.39	20.26	19.93	20.19	20.11
10000	21.45	21.91	21.54	21.93	20.88	21.27	21.63	21.02	21.46	20.73	20.37	20.22	19.91	20.23	20.19
20000	21.61	21.82	21.56	21.92	20.85	21.47	21.65	21.01	21.41	20.67	20.4	20.29	19.88	20.3	20.16
30000	21.44	21.80	21.59	21.89	20.9	21.58	21.64	21.02	21.47	20.6	20.4	20.43	19.9	20.33	20.12
40000	21.62	21.66	21.75	21.86	20.8	21.57	21.63	20.96	21.43	20.65	20.36	20.51	19.81	20.24	20.27
50000	21.78	21.63	21.75	21.77	20.85	21.54	21.64	20.91	21.44	20.63	20.42	20.46	19.88	20.32	20.26
60000	21.88	21.69	21.77	21.65	20.82	21.51	21.76	20.81	21.36	20.55	20.38	20.41	19.86	20.25	20.20
70000	21.78	21.67	21.71	21.62	20.86	21.52	21.75	20.87	21.3	20.6	20.46	20.5	19.9	20.33	20.26
80000	21.94	21.56	21.7	21.5	20.98	21.54	21.85	20.9	21.3	20.58	20.4	20.56	20.03	20.27	20.34
90000	21.90	21.59	21.87	21.52	20.96	21.52	21.93	20.86	21.27	20.55	20.51	20.55	20.11	20.36	20.28
100000	22.00	21.64	21.8	21.4	20.89	21.44	21.84	20.95	21.3	20.52	20.53	20.57	20.05	20.28	20.32
110000	21.90	21.57	21.83	21.47	20.97	21.53	21.83	21.11	21.32	20.54	20.52	20.7	20.02	20.4	20.41
120000	22.00	21.60	21.79	21.42	21.02	21.53	21.73	21.06	21.32	20.56	20.55	20.64	19.96	20.51	20.39
130000	21.95	21.49	21.88	21.46	21.12	21.5	21.8	21.09	21.28	20.53	20.58	20.64	20.13	20.6	20.42
140000	22.16	21.56	21.9	21.44	21.21	21.53	21.85	21.21	21.35	20.5	20.65	20.67	20.11	20.51	20.40
150000	21.98	21.53	21.97	21.41	21.35	21.45	21.88	21.22	21.31	20.48	20.55	20.62	20.09	20.54	20.32
160000	21.98	21.45	22.05	21.22	21.45	21.49	21.8	21.21	21.21	20.5	20.52	20.51	20.1	20.51	20.12
170000	22.16	21.53	22.1	21.1	21.37	21.54	21.62	21.2	21.21	20.43	20.37	20.5	20.08	20.4	19.90
180000	22.25	21.61	21.98	21.13	21.25	21.49	21.42	21.15	21.06	20.46	20.32	20.27	20.08	20.37	19.91
190000	22.27	21.51	22.04	21.1	21.35	21.56	21.41	21.18	20.95	20.46	20.26	20.22	20.02	20.31	19.81
200000	22.30	21.58	22.11	20.99	21.4	21.47	21.2	21.31	20.92	20.42	20.18	20.21	20	20.21	19.76
210000	22.20	21.61	22.07	20.91	21.14	21.58	21.15	21.32	20.84	20.4	20.26	20.12	20.06	20.17	19.81
220000	22.15	21.50	22.05	20.94	21.31	21.56	21.02	21.33	20.78	20.39	20.19	19.96	20.11	20.28	19.78
230000	21.92	21.62	22.03	20.83	21.31	21.58	21.04	21.4	20.82	20.4	20.23	19.93	20.15	20.22	19.82
Daily Max	22.30	21.98	22.11	21.99	21.45	21.58	21.93	21.40	21.47	20.73	20.65	20.70	20.15	20.60	20.42
Daily Min	21.42	21.45	21.54	20.83	20.80	21.27	21.02	20.81	20.78	20.39	20.18	19.93	19.81	20.17	19.76
Average	21.92	21.63	21.85	21.44	21.08	21.51	21.61	21.09	21.23	20.54	20.41	20.41	20.01	20.34	20.14

Sandstone Tailwater Temperature Summary - September 2006

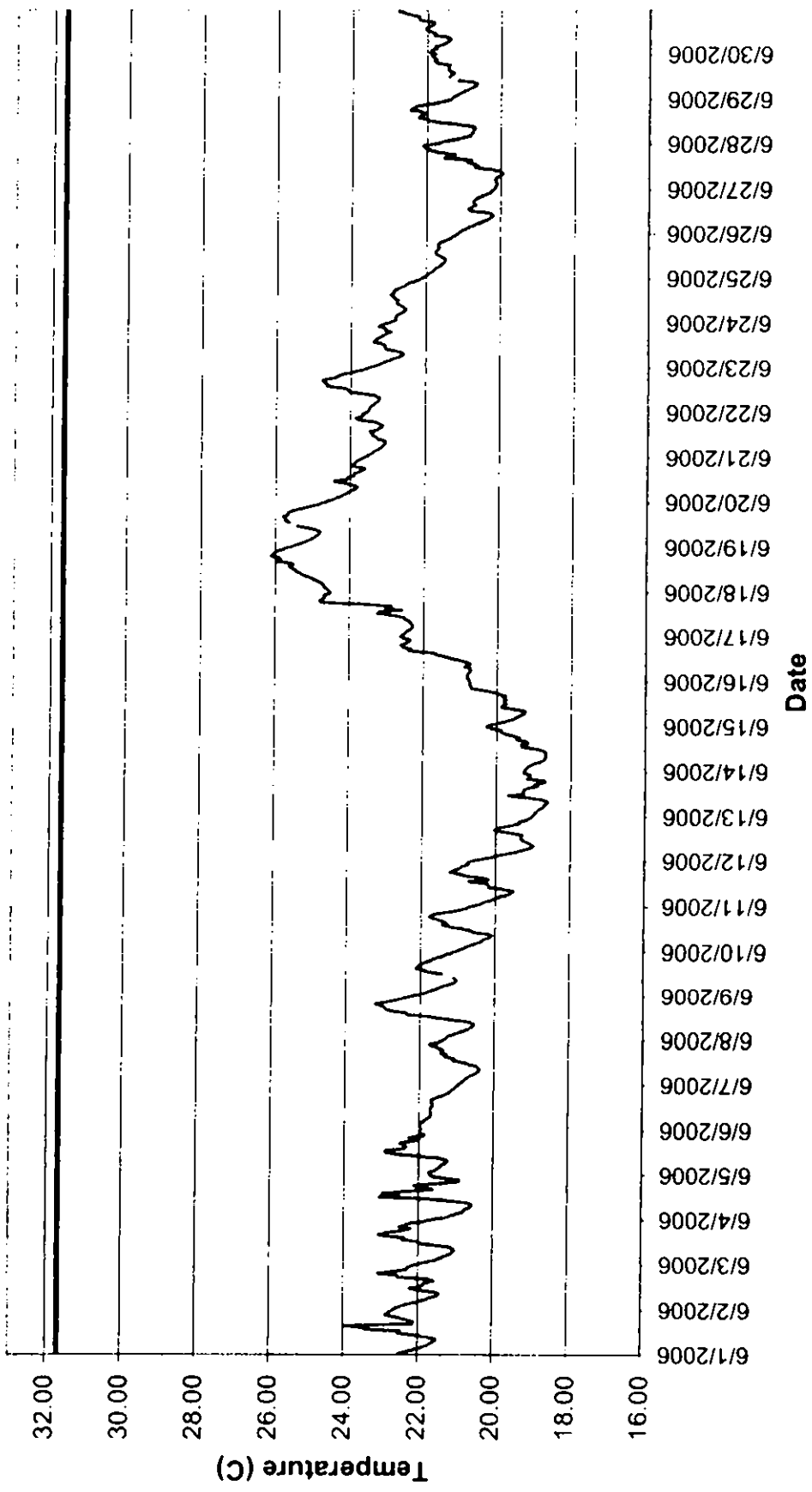
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	19.72	20.04	20.07	20.13	20.28	20.57	20.80	20.66	20.57	18.58	17.91	17.29	16.46	16.22	16.24	16.58
0	19.72	20.04	20.07	20.13	20.28	20.57	20.80	20.66	20.57	18.58	17.91	17.29	16.46	16.22	16.24	16.58
10000	19.78	19.93	20.00	20.17	20.26	20.57	20.75	20.69	20.59	18.46	17.78	17.18	16.45	16.29	16.26	16.59
20000	19.78	19.91	20.08	20.06	20.30	20.47	20.67	20.61	20.61	18.49	17.75	17.07	16.40	16.26	16.23	16.61
30000	19.73	19.98	19.92	20.13	20.29	20.48	20.61	20.65	20.56	18.48	17.66	17.04	16.32	16.27	16.25	16.65
40000	19.90	19.99	19.92	20.01	20.26	20.50	20.61	20.59	20.59	18.35	17.56	17.03	16.31	16.27	16.26	16.65
50000	19.96	20.06	20.04	20.05	20.25	20.45	20.58	20.62	20.57	18.42	17.59	16.99	16.30	16.25	16.32	16.62
60000	19.90	19.96	19.94	20.02	20.20	20.58	20.59	20.54	20.39	18.37	17.51	16.95	16.28	16.27	16.35	16.75
70000	19.93	20.03	19.99	20.19	20.28	20.47	20.60	20.56	20.17	18.26	17.41	16.76	16.26	16.29	16.25	16.86
80000	19.97	20.04	20.01	20.15	20.34	20.52	20.59	20.53	19.94	18.21	17.51	16.92	16.27	16.29	16.25	16.82
90000	20.00	20.19	20.12	20.21	20.33	20.51	20.64	20.57	19.85	18.24	17.42	16.96	16.25	16.35	16.38	16.77
100000	20.05	20.20	20.04	20.11	20.36	20.54	20.66	20.51	19.69	18.13	17.37	16.85	16.28	16.34	16.36	17.02
110000	20.11	20.10	20.07	20.22	20.36	20.58	20.56	20.48	19.61	18.22	17.41	16.83	16.25	16.36	16.40	16.80
120000	20.15	20.18	20.15	20.35	20.37	20.54	20.59	20.51	19.60	18.18	17.36	16.88	16.25	16.37	16.40	17.02
130000	20.28	20.28	20.30	20.28	20.39	20.65	20.66	20.58	19.49	18.20	17.40	16.86	16.28	16.35	16.30	17.18
140000	20.32	20.30	20.26	20.35	20.43	20.66	20.51	20.48	19.39	18.17	17.40	16.89	16.29	16.37	16.46	17.02
150000	20.36	20.35	20.28	20.38	20.45	20.68	20.70	20.47	19.16	18.13	17.47	16.84	16.31	16.40	16.44	16.95
160000	20.36	20.37	20.29	20.42	20.47	20.65	20.76	20.44	19.07	18.10	17.47	16.87	16.22	16.40	16.45	16.88
170000	20.30	20.36	20.31	20.41	20.55	20.69	20.63	20.51	19.03	18.03	17.46	16.77	16.27	16.40	16.59	17.13
180000	20.16	20.23	20.35	20.47	20.48	20.74	20.65	20.52	18.88	18.10	17.40	16.76	16.30	16.47	16.49	17.15
190000	20.16	20.17	20.34	20.44	20.56	20.87	20.67	20.53	18.83	18.09	17.46	16.66	16.22	16.40	16.47	17.07
200000	20.06	20.16	20.20	20.39	20.41	20.70	20.75	20.57	18.82	18.06	17.46	16.64	16.26	16.40	16.53	17.02
210000	20.02	20.12	20.21	20.32	20.48	20.75	20.72	20.54	18.60	18.02	17.39	16.58	16.27	16.36	16.45	17.11
220000	20.09	20.11	20.15	20.22	20.50	20.76	20.75	20.58	18.55	17.97	17.39	16.55	16.22	16.29	16.60	17.15
230000	20.03	20.05	20.22	20.25	20.53	20.77	20.60	20.64	18.52	17.91	17.28	16.53	16.23	16.30	16.66	17.28
Daily Max	20.36	20.37	20.35	20.47	20.56	20.87	20.80	20.69	20.61	18.58	17.91	17.29	16.46	16.47	16.66	17.28
Daily Min	19.72	19.91	19.92	20.01	20.20	20.45	20.51	20.44	18.52	17.91	17.28	16.53	16.22	16.22	16.23	16.58
Average	20.05	20.13	20.14	20.24	20.38	20.61	20.65	20.56	19.63	18.22	17.49	16.86	16.29	16.33	16.39	16.91
Monthly average:	17.22															
License Maximum:	31.67 C															

Sandstone Tailwater Temperature Summary - September 2006

Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	17.30	18.00	18.33	16.62	15.26	14.64	14.85	15.03	15.37	14.77	14.46	14.57	13.83	13.59
0														
10000	17.33	18.06	18.25	16.59	15.21	14.66	14.91	15.05	15.44	14.86	14.53	14.56	13.86	13.61
20000	17.35	18.22	18.23	16.39	15.22	14.72	14.82	15.02	15.25	14.86	14.62	14.56	13.9	13.62
30000	17.31	18.15	18.2	16.36	15.13	14.78	14.91	15.08	15.36	14.9	14.63	14.53	13.99	13.62
40000	17.41	18.25	18.18	16.26	15.03	14.75	14.92	15.07	15.4	14.88	14.65	14.53	13.98	13.6
50000	17.47	18.10	18.12	16.23	15.02	14.71	14.89	15.1	15.33	14.92	14.7	14.49	14.02	13.61
60000	17.36	18.13	18.09	16.14	14.98	14.68	14.84	15.07	15.27	14.91	14.7	14.49	14.02	13.61
70000	17.39	18.20	18.07	16.12	14.99	14.68	14.92	15.18	15.26	14.91	14.74	14.45	14.01	13.59
80000	17.54	18.04	18.04	15.86	14.83	14.67	14.95	15.24	15.29	14.92	14.68	14.39	14.05	13.63
90000	17.62	18.13	17.91	15.82	14.74	14.69	14.97	15.33	15.29	14.94	14.74	14.36	14.07	13.65
100000	17.66	18.11	17.66	15.75	14.71	14.72	14.95	15.26	15.23	14.96	14.67	14.32	14.08	13.67
110000	17.69	18.18	17.6	15.67	14.8	14.73	14.96	15.29	15.18	15.05	14.78	14.29	14.14	13.68
120000	17.82	18.29	17.4	15.62	14.68	14.73	14.98	15.39	15.09	15.14	14.8	14.28	14.18	13.7
130000	17.95	18.49	17.23	15.64	14.62	14.69	14.95	15.42	15.13	15.2	14.76	14.2	14.22	13.79
140000	17.94	18.71	17.25	15.48	14.72	14.73	14.95	15.48	15.19	15.26	14.72	14.09	14.19	13.8
150000	18.02	18.74	17.15	15.51	14.73	14.7	14.97	15.46	15.19	15.23	14.69	13.96	14.14	13.81
160000	17.77	18.71	17.04	15.31	14.71	14.71	14.89	15.58	15.17	15.22	14.72	13.95	14.14	13.71
170000	17.94	18.71	16.89	15.53	14.65	14.82	14.95	15.74	15.17	15.15	14.69	13.88	13.94	13.74
180000	18.03	18.66	16.81	15.64	14.7	14.9	14.92	15.67	15.06	14.96	14.64	13.81	13.93	13.75
190000	17.95	18.58	16.7	15.46	14.63	14.82	14.95	15.58	15.04	14.73	14.65	13.75	13.84	13.76
200000	17.81	18.52	16.72	15.32	14.62	14.87	14.95	15.64	14.92	14.6	14.65	13.76	13.77	13.75
210000	17.81	18.48	16.8	15.35	14.64	14.93	14.95	15.59	14.81	14.39	14.57	13.84	13.71	13.74
220000	18.05	18.40	16.66	15.26	14.59	14.97	14.96	15.35	14.84	14.45	14.61	13.77	13.66	13.7
230000	17.98	18.40	16.67	15.24	14.61	14.84	15.04	15.3	14.76	14.46	14.61	13.84	13.64	13.59
Daily Max	18.05	18.74	18.33	16.62	15.26	14.97	15.04	15.74	15.44	15.26	14.80	14.57	14.22	13.81
Daily Min	17.30	18.00	16.66	15.24	14.59	14.64	14.82	15.02	14.76	14.39	14.46	13.75	13.64	13.59
Average	17.69	18.34	17.50	15.80	14.83	14.76	14.93	15.33	15.17	14.90	14.67	14.19	13.97	13.68

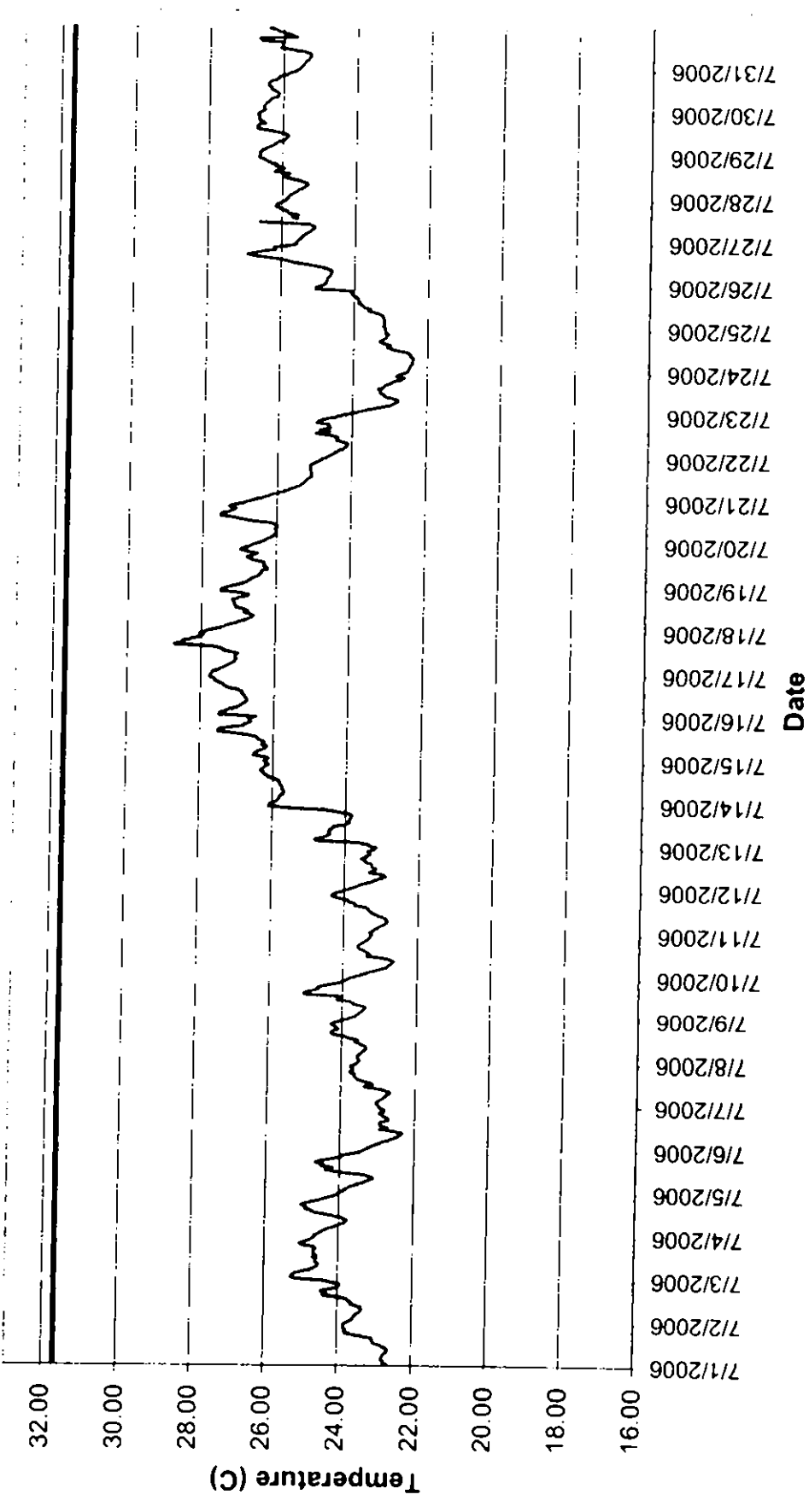
Potato Rapids Headwater - Water Temperatures 2006

— June — License Maximum Monthly Average



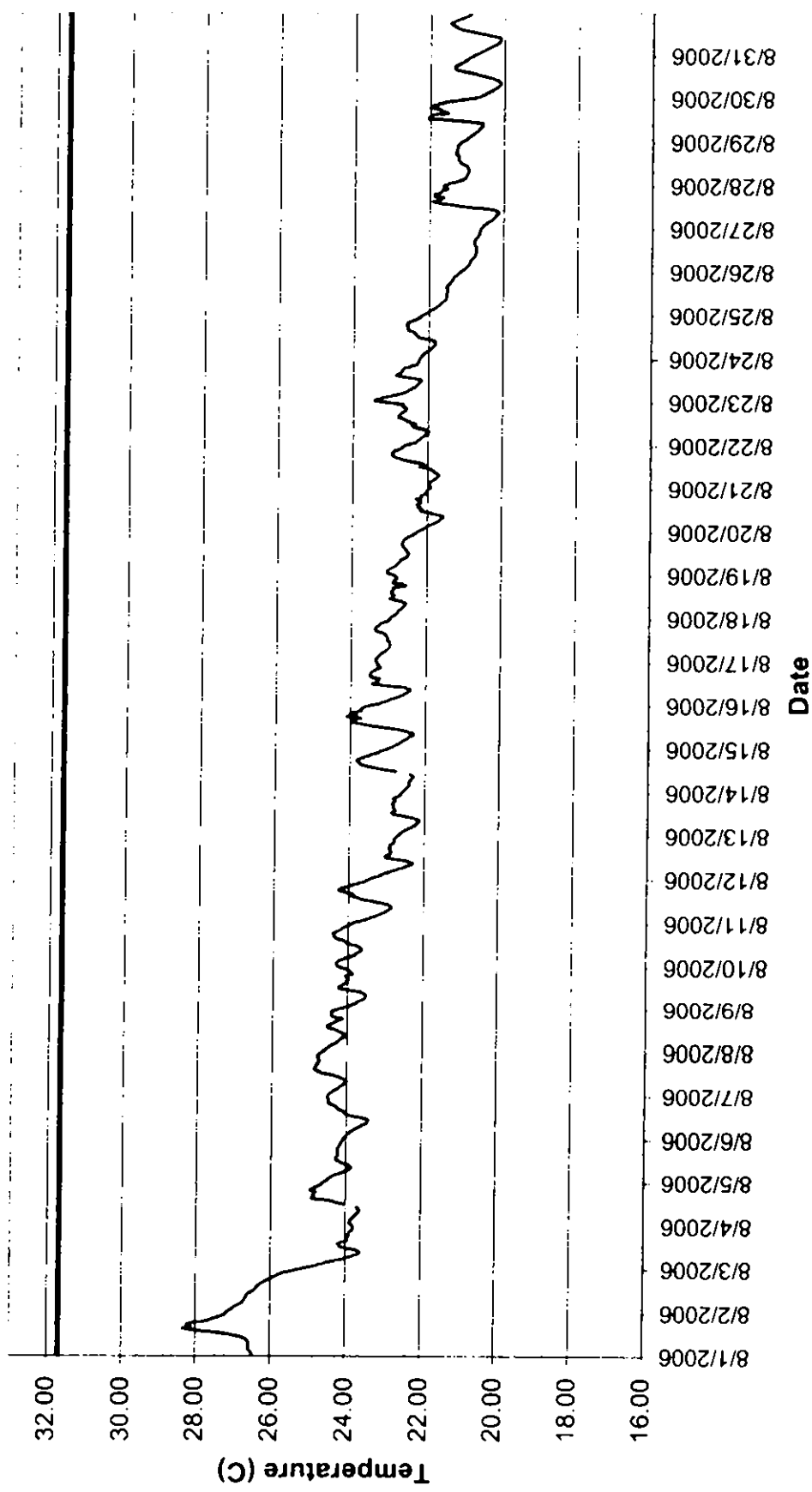
Potato Rapids Headwater - Water Temperatures 2006

— July — License Maximum Monthly Average



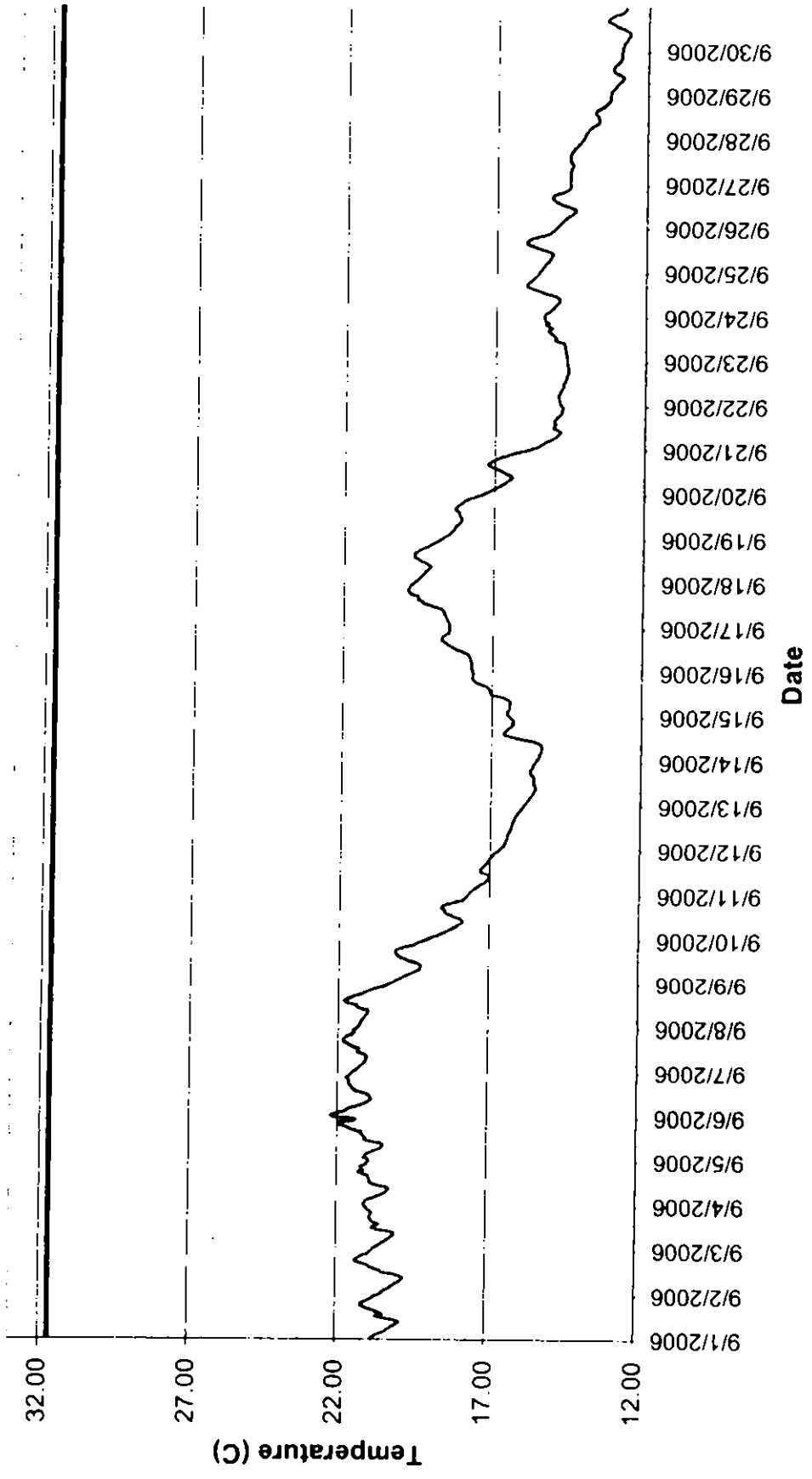
Potato Rapids Headwater - Water Temperatures 2006

August License Maximum Monthly Average



Potato Rapids Headwater - Water Temperatures 2006

— September — License Maximum Monthly Average



Potato Rapids Headwater Temperature Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	22.50	22.66	21.98	21.69	21.95	20.93	21.32	22.13	21.02	20.61	20.63	19.04	19.26	20.27	20.76
10000	22.33	22.53	21.79	21.29	21.73	21.96	20.89	21.26	21.92	20.88	20.42	20.34	18.98	19.23	20.13	20.78
20000	22.00	22.38	21.53	21.14	21.55	21.96	20.82	21.13	21.76	20.79	20.29	20.13	18.94	19.17	19.90	20.82
30000	21.95	22.19	21.42	20.95	21.51	21.98	21.00	21.00	21.66	20.62	20.12	19.91	18.88	19.09	19.67	20.82
40000	21.80	21.99	21.29	20.82	21.44	21.89	20.70	20.84	21.56	20.50	19.98	19.66	18.82	18.96	19.54	20.79
50000	21.69	21.81	21.16	20.76	21.39	21.82	20.58	20.70	21.42	20.39	19.88	19.40	18.76	18.83	19.43	20.75
60000	21.60	21.68	21.09	20.65	21.31	21.75	20.50	20.61	21.27	20.30	19.68	19.25	18.69	18.74	19.33	20.72
70000	21.51	21.51	21.03	20.57	21.23	21.68	20.43	20.55	21.08	20.17	19.54	19.06	18.64	18.69	19.27	20.75
80000	21.51	21.42	21.05	20.58	21.26	21.68	20.37	20.55	21.02	20.08	19.54	18.97	18.63	18.67	19.24	20.88
90000	21.76	21.51	21.17	20.73	21.50	21.69	20.40	20.70	21.03	20.18	19.83	19.06	18.81	18.68	19.50	20.71
100000	22.14	21.88	21.55	21.30	22.01	21.72	20.48	21.08	21.11	20.55	20.19	19.17	19.13	18.68	19.87	20.81
110000	22.52	22.21	21.90	21.80	22.63	21.70	20.68	21.51	21.11	20.72	20.18	19.28	19.69	18.74	19.81	21.03
120000	22.45	21.95	22.03	23.04	22.86	21.66	20.79	21.78	21.42	20.94	20.23	19.34	19.25	18.93	19.75	21.24
130000	23.33	21.85	22.41	22.53	22.91	21.63	21.11	22.32	21.79	21.30	20.73	19.31	19.29	19.32	19.82	21.40
140000	23.49	21.82	22.38	22.96	22.41	21.65	21.07	22.39	21.91	21.43	20.19	19.30	19.26	19.35	19.75	21.64
150000	23.96	21.56	22.85	22.17	22.34	21.69	21.32	22.77	22.11	21.30	20.37	19.59	19.17	19.16	19.82	21.72
160000	22.13	21.75	23.06	21.61	22.39	21.65	21.27	22.92	22.05	21.43	20.78	19.86	18.88	19.21	19.77	22.40
170000	22.11	22.53	22.81	21.82	22.51	21.50	21.43	22.95	21.98	21.58	20.99	20.03	18.98	19.47	19.94	22.34
180000	22.25	22.55	22.41	22.12	22.23	21.37	21.36	23.02	21.86	21.78	21.23	19.91	18.68	19.41	20.09	22.52
190000	22.43	23.07	22.19	21.56	21.99	21.28	21.43	23.21	21.75	21.71	21.09	19.66	18.72	19.58	20.35	22.61
200000	22.67	22.69	22.50	20.92	22.26	21.18	21.60	22.93	21.63	21.59	20.97	19.39	19.16	19.79	20.70	22.48
210000	22.86	22.31	22.34	20.91	21.84	21.11	21.73	22.65	21.47	21.17	20.94	19.39	19.09	19.86	20.70	22.36
220000	22.77	22.28	22.20	21.26	21.94	21.06	21.54	22.51	21.32	20.92	20.75	19.22	19.10	19.91	20.74	22.35
230000	22.72	22.15	21.87	21.63	21.98	21.00	21.39	22.32	21.16	20.74	20.78	19.09	19.27	20.15	20.73	22.54
Daily Max	23.96	23.07	23.06	23.04	22.91	21.98	21.73	23.21	22.13	21.78	21.23	20.63	19.69	20.15	20.74	22.61
Daily Min	21.51	21.42	21.03	20.57	21.23	21.00	20.37	20.55	21.02	20.08	19.54	18.97	18.63	18.67	19.24	20.71
Average	22.36	22.10	21.92	21.45	21.95	21.61	20.98	21.79	21.58	20.92	20.39	19.54	18.99	19.20	19.92	21.47
					Monthly average:											
					License Maximum:											
						22.33										
						31.67 C										

Missing data due to equipment change 6/9

Potato Rapids Headwater Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0	24 53	25 58	24 64	23 65	23 60	23 53	22 98	22 09	21 13	20 16	21 65	21 36	21 78
10000	22.61	24.59	25.41	24.50	23.54	23.53	23.38	22.85	22.01	21.06	20.15	21.54	21.27	21.92
20000	22.46	24.66	25.27	24.38	23.46	23.51	23.24	22.79	21.93	20.97	20.09	21.20	21.17	21.88
30000	22.42	24.69	25.16	24.27	23.36	23.48	23.12	22.82	21.87	20.87	20.13	21.01	21.08	21.75
40000	22.33	24.74	25.04	24.17	23.28	23.41	22.99	22.77	21.80	20.75	20.15	20.85	21.00	21.79
50000	22.29	24.79	24.96	24.06	23.21	23.35	22.85	22.68	21.73	20.63	20.15	20.79	20.89	21.62
60000	22.30	24.93	24.87	23.94	23.14	23.28	22.72	22.58	21.66	20.50	20.10	20.76	20.78	21.51
70000	22.35	25.02	24.83	23.83	23.08	23.22	22.60	22.53	21.59	20.38	19.98	20.74	20.70	21.42
80000	22.38	25.17	24.80	23.79	23.05	23.23	22.61	22.57	21.54	20.27	19.95	20.70	20.65	21.37
90000	22.48	25.28	24.93	23.93	23.07	23.37	22.77	22.66	21.48	20.21	20.02	20.73	20.78	21.46
100000	22.53	25.36	25.13	24.21	23.27	23.68	23.07	22.77	21.50	20.23	20.23	21.07	21.16	21.82
110000	22.78	25.45	25.41	24.44	23.32	24.01	23.08	22.78	21.55	20.35	20.71	21.49	21.41	21.77
120000	23.25	25.50	25.41	24.08	23.42	24.08	23.08	22.75	21.67	20.80	20.63	21.96	21.41	21.90
130000	23.21	25.64	25.62	24.08	23.41	24.18	23.20	22.87	21.76	20.88	20.73	21.99	21.33	22.04
140000	22.59	25.52	25.75	23.90	23.49	24.64	23.40	22.86	21.74	20.79	20.90	22.22	21.27	22.04
150000	23.02	25.59	25.73	23.89	23.27	24.62	23.34	22.95	21.69	20.67	20.80	22.13	21.40	21.89
160000	22.86	25.94	25.80	23.78	23.20	24.67	23.23	22.85	21.66	20.73	21.52	22.04	21.44	21.84
170000	23.64	25.85	25.68	23.63	23.13	24.77	23.17	22.88	21.67	20.74	21.37	22.17	21.44	21.84
180000	24.73	25.92	25.69	23.63	23.23	24.63	23.06	22.81	21.69	20.68	21.25	22.45	21.40	22.19
190000	24.81	26.12	25.58	23.92	23.34	24.36	22.92	22.64	21.61	20.62	21.66	22.34	21.72	22.23
200000	24.71	26.08	25.40	23.92	23.70	24.32	23.08	22.56	21.48	20.49	21.86	22.27	21.81	22.22
210000	24.66	26.02	25.17	23.87	23.86	24.16	23.07	22.48	21.37	20.36	21.99	21.98	21.75	22.42
220000	24.67	25.89	24.98	23.81	23.69	23.88	23.27	22.34	21.28	20.27	22.09	21.64	21.81	22.65
230000	24.53	25.73	24.81	23.73	23.71	23.69	23.16	22.20	21.20	20.23	22.10	21.47	21.89	22.77
Daily Max	24.81	26.12	25.80	24.64	23.86	24.77	23.53	22.98	22.09	21.13	22.10	22.45	21.89	22.77
Daily Min	22.29	24.53	24.80	23.63	23.05	23.22	22.60	22.20	21.20	20.21	19.95	20.70	20.65	21.37
Average	23.17	25.38	25.29	24.02	23.37	23.90	23.08	22.71	21.65	20.61	20.78	21.55	21.28	21.92

Missing data on 6/19 and 6/29 due to equipment change.

Potato Rapids Headwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0	23.72	25.16	24.65	23.98	23.32	22.99	23.54	23.88	23.79	23.24	24.02	23.15	26.06	26.24	26.47
10000	22.74	23.62	25.27	24.58	23.90	23.23	23.02	23.53	23.75	23.64	23.29	23.87	23.32	25.95	26.12	27.49
20000	22.75	23.59	25.23	24.51	23.82	23.15	23.04	23.56	23.65	23.48	23.24	23.72	23.38	25.85	26.15	27.47
30000	22.80	23.55	25.13	24.39	23.72	22.99	22.96	23.58	23.59	23.29	23.13	23.61	23.71	25.82	26.53	27.31
40000	22.78	23.52	24.95	24.26	23.61	22.86	22.87	23.53	23.54	23.12	23.06	23.44	24.76	25.80	26.48	27.21
50000	22.76	23.45	24.77	24.15	23.48	22.72	22.81	23.47	23.48	22.96	22.97	23.28	24.83	25.76	26.45	27.02
60000	22.73	23.40	24.65	24.01	23.34	22.58	22.77	23.41	23.42	22.80	22.87	23.16	24.61	25.70	26.31	26.93
70000	22.66	23.35	24.56	23.87	23.19	22.45	22.68	23.33	23.37	22.74	22.82	23.00	24.46	25.70	26.20	26.84
80000	22.63	23.36	24.53	23.79	23.08	22.36	22.69	23.33	23.44	22.67	22.85	22.89	24.41	25.74	26.17	26.75
90000	22.64	23.49	24.61	23.80	23.14	22.34	22.82	23.41	23.63	22.63	22.86	22.97	24.45	25.72	26.31	26.72
100000	22.74	23.64	24.63	23.95	23.37	22.59	23.11	23.56	23.74	22.74	23.04	23.33	24.43	25.77	26.24	26.76
110000	22.84	23.63	24.59	24.14	23.82	22.94	23.38	23.64	23.78	22.98	23.16	23.20	24.33	25.79	26.32	26.80
120000	22.98	23.72	24.69	24.35	24.12	22.73	23.16	23.56	23.84	22.88	23.23	23.14	24.33	25.82	26.42	26.81
130000	23.03	23.75	24.59	24.66	24.38	22.87	23.16	23.78	24.02	23.28	23.30	23.24	24.02	25.82	26.44	26.88
140000	23.06	24.05	24.67	24.77	24.17	22.95	23.42	23.93	23.99	23.37	23.33	23.26	23.90	25.95	26.70	26.87
150000	23.06	24.40	24.68	24.91	24.50	22.93	23.54	24.20	25.05	23.44	23.43	23.29	23.91	26.10	27.09	26.99
160000	23.27	24.29	24.66	24.89	24.43	22.71	23.62	24.29	25.05	23.57	23.70	23.42	23.87	26.15	27.52	27.22
170000	23.59	24.45	24.61	25.02	24.66	22.70	23.64	24.24	24.84	23.60	23.71	23.47	23.85	26.26	27.49	27.37
180000	23.78	24.28	24.68	24.91	24.49	22.82	23.65	24.09	24.64	23.60	23.86	23.55	23.82	26.25	27.23	27.39
190000	23.79	24.05	24.94	24.74	24.24	22.86	23.76	24.14	24.67	23.52	23.90	23.47	23.91	26.34	26.82	27.51
200000	23.77	23.95	25.05	24.52	23.97	22.94	23.71	24.17	24.53	23.45	24.10	23.33	24.20	26.26	26.78	27.61
210000	23.83	23.95	24.89	24.35	23.94	22.80	23.67	24.30	24.17	23.33	24.33	23.32	24.62	26.20	26.60	27.64
220000	23.84	24.16	24.77	24.18	23.65	22.83	23.75	24.20	24.01	23.29	24.32	23.40	25.65	26.10	26.65	27.75
230000	23.83	24.38	24.69	24.05	23.46	22.94	23.61	24.06	23.91	23.28	24.20	23.24	26.10	26.19	26.68	27.74
Daily Max	23.84	24.45	25.27	25.02	24.66	23.32	23.76	24.30	25.05	23.79	24.33	24.02	26.10	26.34	27.52	27.75
Daily Min	22.63	23.35	24.53	23.79	23.08	22.34	22.68	23.33	23.37	22.63	22.82	22.89	23.15	25.70	26.12	26.47
Average	23.11	23.82	24.79	24.39	23.85	22.82	23.24	23.79	24.01	23.25	23.41	23.36	24.25	25.96	26.58	27.15

Monthly average: 24.86
 License Maximum: 31.67 C

Potato Rapids Headwater Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	0	27.71	27.77	27.32	27.32	24.79	24.26	22.55	23.15	24.87	25.59	25.85	26.61	26.60	25.58
10000	27.68	27.55	27.13	26.59	26.75	24.68	24.07	22.51	23.18	24.78	25.53	25.83	26.59	26.51	25.53
20000	27.51	27.38	26.93	26.46	26.57	24.57	23.87	22.49	23.20	24.77	25.47	25.77	26.60	26.50	25.49
30000	27.40	27.25	26.77	26.22	26.23	24.48	23.63	22.47	23.18	24.74	25.44	25.69	26.54	26.53	25.45
40000	27.30	27.08	26.71	26.14	26.09	24.40	23.39	22.45	23.17	24.74	25.37	25.61	26.42	26.49	25.41
50000	27.22	26.97	26.63	26.07	25.92	24.32	23.17	22.40	23.17	24.70	25.30	25.54	26.31	26.47	25.36
60000	27.14	26.82	26.54	26.04	25.77	24.21	22.99	22.41	23.21	24.65	25.22	25.45	26.24	26.40	25.31
70000	27.07	26.65	26.44	26.00	25.63	24.15	22.87	22.39	23.22	24.62	25.15	25.35	26.16	26.35	25.27
80000	27.05	26.58	26.39	26.01	25.50	24.10	22.77	22.38	23.27	24.61	25.09	25.29	26.08	26.28	25.25
90000	27.10	26.65	26.42	26.04	25.39	24.14	22.77	22.47	23.40	24.67	25.12	25.32	25.95	26.15	25.29
100000	27.07	26.85	26.23	25.97	25.31	24.40	23.03	22.47	23.63	24.89	25.23	25.51	25.88	26.12	25.48
110000	27.01	26.76	26.24	26.03	25.27	24.43	23.14	22.54	23.56	25.13	26.58	25.72	25.84	26.14	25.83
120000	27.25	26.87	26.34	26.17	25.22	24.37	23.19	22.79	23.73	25.41	26.58	25.92	25.90	26.21	26.07
130000	27.40	27.06	26.31	26.63	25.16	24.54	23.27	22.97	23.77	25.66	25.58	25.95	26.12	26.31	26.02
140000	27.47	27.11	26.34	26.99	25.08	24.99	23.25	23.10	23.88	25.93	25.72	25.80	26.41	26.33	26.05
150000	27.76	27.12	26.58	27.18	25.07	24.60	23.32	23.00	23.85	26.21	25.54	26.21	26.68	26.38	26.02
160000	28.73	27.13	26.72	27.54	25.09	24.87	23.17	23.21	23.89	26.58	25.80	26.10	26.70	26.42	26.59
170000	28.49	27.18	26.80	27.49	25.10	24.58	23.12	23.29	23.89	26.92	25.85	25.95	26.65	26.36	26.65
180000	28.51	27.03	26.59	27.31	25.11	24.62	22.99	23.20	23.97	26.69	25.97	26.19	26.48	26.22	25.65
190000	28.30	26.83	26.50	27.18	25.12	24.63	22.93	23.13	24.05	26.49	26.08	26.14	26.57	26.14	25.78
200000	28.08	26.73	26.72	27.11	25.13	24.97	22.75	23.10	24.07	26.15	26.17	26.29	26.54	26.12	25.89
210000	27.94	26.98	26.99	27.30	25.06	24.89	22.62	23.05	24.06	26.19	26.14	26.44	26.64	25.91	26.14
220000	28.07	27.49	26.87	27.18	24.98	24.72	22.85	23.14	25.06	25.83	26.00	26.51	26.63	25.82	26.21
230000	27.92	27.47	26.72	26.92	24.90	24.49	22.76	23.14	25.04	25.58	25.91	26.63	26.69	25.68	26.38
Daily Max	28.73	27.77	27.32	27.54	26.75	24.99	24.26	23.29	25.06	26.92	26.58	26.63	26.70	26.60	26.65
Daily Min	27.01	26.58	26.23	25.97	24.90	24.10	22.62	22.38	23.15	24.61	25.09	25.29	25.84	25.68	25.25
Average	27.63	27.05	26.63	26.62	25.49	24.54	23.17	22.78	23.69	25.45	25.65	25.88	26.39	26.27	25.78

Missing data due to equipment change 7/27

Potato Rapids Headwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	26.47	27.16	25.16	23.81	24.61	24.08	24.50	24.19	24.29	23.85	23.44	22.70	22.60	23.03	23.48
10000	26.49	27.03	24.94	23.85	24.54	24.04	24.46	24.58	24.02	24.31	23.68	23.32	22.66	22.56	22.92	23.25
20000	26.52	27.03	24.75	23.89	24.49	23.99	24.41	24.52	23.91	24.33	23.52	23.19	22.60	22.51	22.81	23.12
30000	26.57	26.95	24.57	23.86	24.41	23.93	24.31	24.44	23.79	24.23	23.36	23.05	22.52	22.45	22.71	22.97
40000	26.57	26.86	24.38	23.84	24.31	23.87	24.25	24.36	23.73	24.12	23.24	22.91	22.42	22.43	22.64	22.83
50000	26.57	26.79	24.17	23.78	24.19	23.79	24.19	24.27	23.64	23.97	23.13	22.76	22.33	22.42	22.57	22.71
60000	26.57	26.73	23.99	23.74	24.07	23.72	24.12	24.22	23.55	23.84	23.02	22.62	22.26	22.41	22.48	22.59
70000	26.58	26.70	23.81	23.68	23.97	23.62	24.05	24.14	23.53	23.77	22.93	22.45	22.19	22.38	22.39	22.50
80000	26.59	26.66	23.68	23.64	23.87	23.51	24.00	24.04	23.53	23.68	22.87	22.32	22.13	22.34	22.31	22.42
90000	26.64	26.63	23.61	23.65	23.86	23.45	24.06	24.04	23.56	23.64	22.86	22.29	22.15	22.31	22.34	22.43
100000	26.76	26.60	23.66	23.71	23.94	23.42	24.16	24.15	23.68	23.69	22.95	22.47	22.32	22.40	22.54	22.59
110000	26.93	26.52	23.81	23.71	23.94	23.49	24.27	24.27	23.94	23.77	23.17	22.80	22.54	22.40	22.75	23.12
120000	27.14	26.44	24.08	24.06	24.18	23.69	24.46	24.35	24.26	23.94	23.40	23.03	22.81	22.76	23.10	23.44
130000	27.53	26.39	24.16	24.26	24.26	23.94	24.68	24.53	24.25	24.04	23.63	23.04	22.88	23.11	23.43	23.28
140000	28.07	26.36	24.21	24.46	24.29	24.04	24.81	24.55	24.15	24.11	23.82	22.89	22.77	23.38	23.77	23.32
150000	28.33	26.30	24.11	24.91	24.24	24.06	24.89	24.42	23.98	24.31	23.92	22.88	22.80	23.61	23.97	23.24
160000	28.12	26.23	23.94	24.86	24.23	24.19	24.86	24.35	24.04	24.37	23.88	22.90	22.83	23.74	23.98	23.49
170000	28.23	26.14	23.95	24.88	24.23	24.26	24.80	24.22	23.97	24.40	24.19	22.95	22.84	23.80	23.72	23.49
180000	28.11	26.05	23.92	24.84	24.25	24.31	24.80	24.13	24.02	24.41	24.28	22.90	22.87	23.82	24.10	23.48
190000	27.75	25.96	23.91	24.81	24.23	24.39	24.74	24.36	24.07	24.34	24.20	22.92	22.80	23.77	23.84	23.41
200000	27.59	25.87	23.91	24.96	24.20	24.50	24.75	24.44	23.87	24.24	24.02	22.81	22.77	23.62	24.01	23.33
210000	27.44	25.77	23.86	24.86	24.18	24.50	24.80	24.44	23.92	24.17	23.85	22.81	22.84	23.46	23.71	23.20
220000	27.30	25.63	23.81	24.74	24.14	24.49	24.79	24.44	24.00	24.07	23.69	22.80	22.71	23.28	23.73	23.29
230000	27.20	25.42	23.80	24.67	24.11	24.51	24.72	24.38	24.10	23.96	23.56	22.78	22.64	23.22	23.68	23.28
Daily Max	28.33	27.16	25.16	24.96	24.61	24.51	24.89	24.65	24.26	24.41	24.28	23.44	22.88	23.82	24.10	23.49
Daily Min	26.47	25.42	23.61	23.64	23.86	23.42	24.00	24.04	23.53	23.64	22.86	22.29	22.13	22.31	22.31	22.42
Average	27.17	26.43	24.09	24.25	24.20	23.99	24.50	24.35	23.90	24.08	23.54	22.85	22.60	22.97	23.19	23.09

Missing data on 8/4 and 8/14 due to equipment change

Monthly average: 22.99
License Maximum: 31.67 C

Potato Rapids Headwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HH:MM:SS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	23.32	22.97	22.90	22.24	21.92	22.62	23.15	22.24	22.16	21.16	20.61	21.60	21.12	20.82	20.83
10000	23.35	22.91	23.05	22.15	21.92	22.47	23.46	22.21	22.08	21.10	20.57	21.45	21.04	20.65	20.72
20000	23.34	22.85	23.07	22.06	21.95	22.32	23.31	22.18	22.00	21.04	20.52	21.28	20.98	20.55	20.62
30000	23.26	22.78	23.01	21.96	21.95	22.24	23.12	22.13	21.93	20.98	20.45	21.12	20.91	20.46	20.51
40000	23.23	22.74	22.93	21.86	21.89	22.19	22.91	22.06	21.84	20.94	20.38	21.04	20.85	20.36	20.43
50000	23.17	22.70	22.84	21.78	21.84	22.14	22.72	21.99	21.78	20.91	20.32	21.03	20.77	20.28	20.33
60000	23.10	22.64	22.80	21.70	21.77	22.08	22.59	21.92	21.72	20.90	20.26	20.99	20.72	20.21	20.25
70000	23.03	22.59	22.73	21.63	21.69	22.01	22.50	21.86	21.65	20.86	20.21	20.96	20.67	20.14	20.17
80000	22.98	22.55	22.71	21.57	21.71	21.96	22.43	21.82	21.60	20.82	20.16	20.95	20.61	20.10	20.11
90000	22.97	22.55	22.63	21.62	21.81	22.05	22.34	21.80	21.56	20.78	20.13	20.96	20.58	20.11	20.09
100000	22.99	22.77	22.53	21.88	21.87	22.34	22.29	21.85	21.53	20.75	20.20	21.00	20.58	20.18	20.13
110000	22.98	22.98	22.49	22.07	21.95	22.44	22.24	22.03	21.54	20.73	20.48	21.06	20.94	20.28	20.38
120000	23.04	22.89	22.48	22.20	22.21	22.32	22.19	22.26	21.53	20.74	20.97	21.14	21.45	20.43	20.58
130000	23.03	22.87	22.53	22.16	22.06	22.45	22.23	22.30	21.51	20.75	21.27	21.18	22.06	20.65	20.80
140000	23.06	22.94	22.56	22.25	22.17	22.58	22.63	22.37	21.51	20.74	21.69	21.23	21.97	20.82	21.08
150000	23.08	22.94	22.60	22.28	22.41	22.65	22.87	22.41	21.51	20.77	21.90	21.21	21.90	21.05	21.24
160000	23.16	22.88	22.65	22.18	22.61	22.80	22.80	22.55	21.52	20.79	21.77	21.21	21.53	21.27	21.31
170000	23.34	22.90	22.66	22.18	22.79	22.75	22.71	22.55	21.48	20.79	21.61	21.28	21.72	21.35	21.42
180000	23.36	22.56	22.65	22.30	22.93	22.72	22.70	22.55	21.44	20.76	21.86	21.30	21.73	21.35	21.46
190000	23.35	22.64	22.63	22.16	22.96	22.64	22.66	22.59	21.39	20.73	21.88	21.28	21.99	21.26	21.37
200000	23.29	22.58	22.58	22.17	22.95	22.58	22.52	22.56	21.36	20.69	21.72	21.26	21.91	21.15	21.24
210000	23.22	22.88	22.50	22.04	22.90	22.59	22.33	22.44	21.33	20.65	21.65	21.26	21.72	21.07	21.11
220000	23.11	22.79	22.41	22.01	22.76	22.69	22.27	22.33	21.28	20.64	21.51	21.25	21.57	20.99	20.99
230000	23.00	22.79	22.33	22.01	22.69	22.68	22.26	22.26	21.22	20.63	21.63	21.20	21.26	20.92	20.92
Daily Max	23.36	22.98	23.07	22.30	22.96	22.80	23.46	22.59	22.16	21.16	21.90	21.60	22.06	21.35	21.46
Daily Min	22.97	22.55	22.33	21.57	21.69	21.96	22.19	21.80	21.22	20.63	20.13	20.95	20.58	20.10	20.09
Average	23.16	22.79	22.68	22.02	22.24	22.43	22.63	22.22	21.60	20.82	20.99	21.18	21.27	20.69	20.75

Potato Rapids Headwater Temperature Summary - September 2006

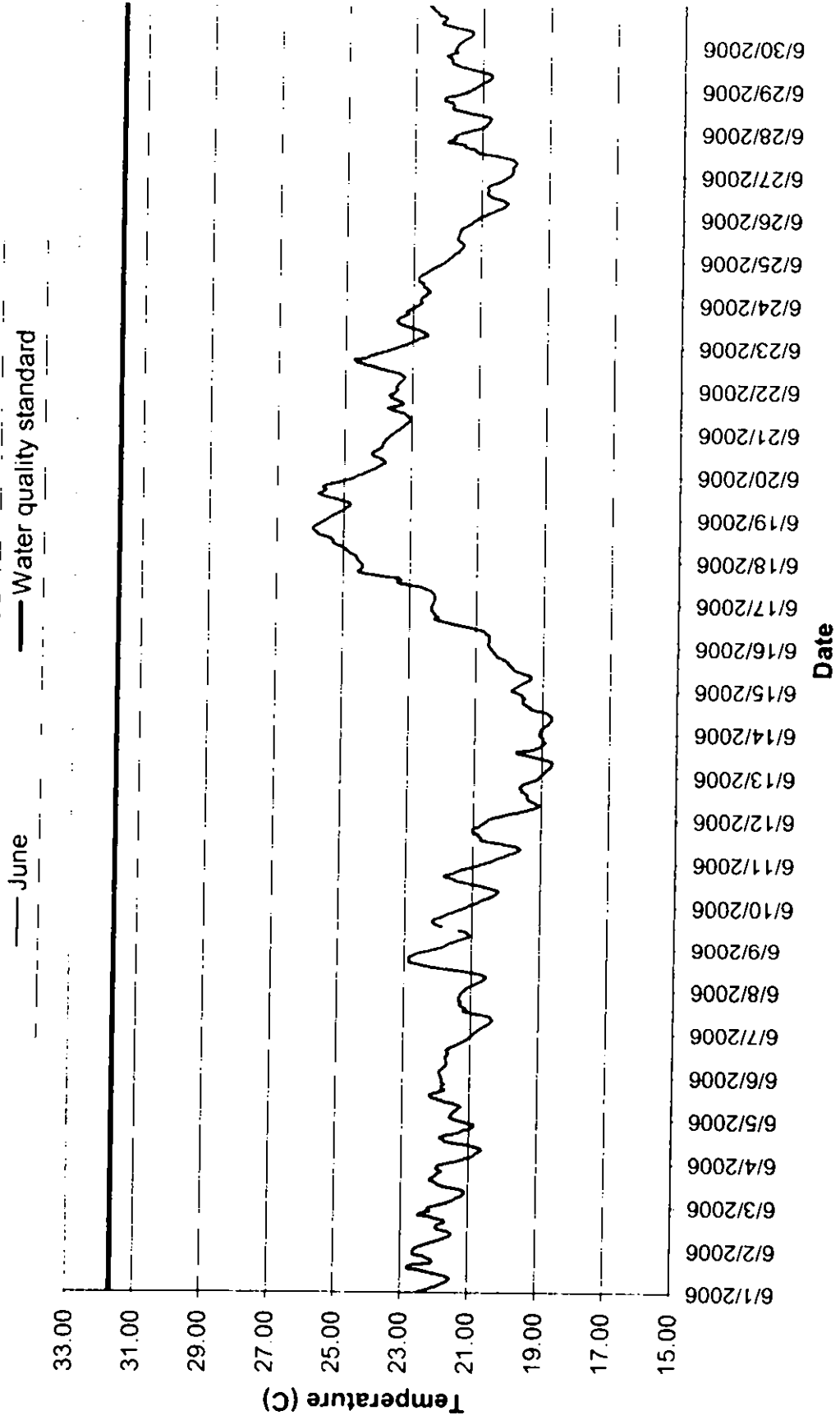
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	20.83	20.58	20.79	21.08	20.93	22.13	21.50	21.32	20.30	19.12	17.73	16.72	15.91	15.51	16.40	17.66
10000	20.72	20.47	20.73	21.10	20.96	22.22	21.43	21.29	20.16	18.95	17.67	16.67	15.85	15.47	16.47	17.68
20000	20.59	20.38	20.62	21.04	21.11	21.98	21.34	21.27	20.05	18.77	17.61	16.59	15.81	15.43	16.50	17.71
30000	20.46	20.27	20.51	21.01	21.06	21.74	21.26	21.24	19.96	18.63	17.55	16.54	15.77	15.40	16.47	17.71
40000	20.34	20.17	20.44	20.81	21.00	21.64	21.20	21.19	19.84	18.49	17.45	16.51	15.71	15.38	16.43	17.72
50000	20.25	20.08	20.35	20.63	20.86	21.46	21.14	21.14	19.71	18.36	17.35	16.48	15.67	15.35	16.41	17.72
60000	20.15	19.98	20.26	20.46	20.67	21.27	21.12	21.10	19.56	18.25	17.26	16.46	15.62	15.33	16.42	17.73
70000	20.02	19.87	20.15	20.39	20.55	21.09	21.07	21.05	19.43	18.13	17.17	16.44	15.58	15.32	16.41	17.75
80000	19.93	19.78	20.08	20.31	20.49	20.96	21.06	21.01	19.32	18.02	17.09	16.42	15.54	15.33	16.41	17.77
90000	19.84	19.74	20.06	20.25	20.46	20.88	21.06	21.05	19.27	17.92	17.03	16.40	15.52	15.35	16.44	17.80
100000	20.02	20.02	20.19	20.39	20.56	20.90	21.14	21.28	19.26	17.90	17.02	16.37	15.52	15.44	16.57	17.88
110000	20.34	20.08	20.61	20.66	20.95	20.93	21.36	21.40	19.30	17.95	17.02	16.34	15.54	15.58	16.74	18.03
120000	20.42	20.53	20.74	20.92	21.06	21.03	21.37	21.41	19.50	18.10	17.28	16.31	15.57	15.99	17.02	18.21
130000	20.52	20.71	20.56	20.89	21.13	21.41	21.51	21.80	19.71	18.26	17.32	16.29	15.58	16.21	17.05	18.29
140000	20.68	20.86	20.72	20.93	21.19	21.48	21.62	21.74	20.01	18.49	17.25	16.25	15.58	16.61	17.11	18.53
150000	20.80	20.95	20.85	20.96	21.20	21.53	21.75	21.56	20.04	18.48	17.18	16.23	15.59	16.56	17.15	18.60
160000	21.04	21.15	20.86	21.10	21.42	21.60	21.82	21.42	20.14	18.62	17.12	16.21	15.65	16.48	17.27	18.72
170000	21.15	21.36	20.90	21.28	21.57	21.62	21.81	21.27	20.13	18.57	17.07	16.17	15.72	16.43	17.48	18.73
180000	21.15	21.35	20.85	21.12	21.73	21.64	21.73	21.12	20.04	18.44	17.03	16.14	15.72	16.33	17.59	18.68
190000	21.05	21.24	20.83	21.19	21.95	21.64	21.51	20.98	19.85	18.20	16.99	16.10	15.66	16.25	17.64	18.58
200000	20.92	21.12	20.82	21.20	21.95	21.72	21.47	20.80	19.56	17.95	16.94	16.04	15.61	16.32	17.68	18.47
210000	20.76	20.93	20.96	21.05	21.42	21.61	21.51	20.62	19.40	17.82	16.88	16.01	15.60	16.28	17.66	18.46
220000	20.71	20.85	21.00	20.99	21.39	21.57	21.41	20.45	19.24	17.78	16.80	15.95	15.56	16.34	17.65	18.46
230000	21.15	21.36	21.00	21.28	21.95	22.22	21.82	21.80	20.30	19.12	17.73	16.72	15.91	16.61	17.68	18.73
Daily Max	19.84	19.74	20.06	20.25	20.46	20.88	21.06	20.45	19.24	17.78	16.80	15.95	15.52	15.32	16.40	17.66
Daily Min	20.56	20.53	20.61	20.86	21.11	21.47	21.40	21.22	19.73	18.32	17.21	16.33	15.64	15.88	16.92	18.14
Average																

Monthly average: 17.47
 License Maximum: 31.67 C

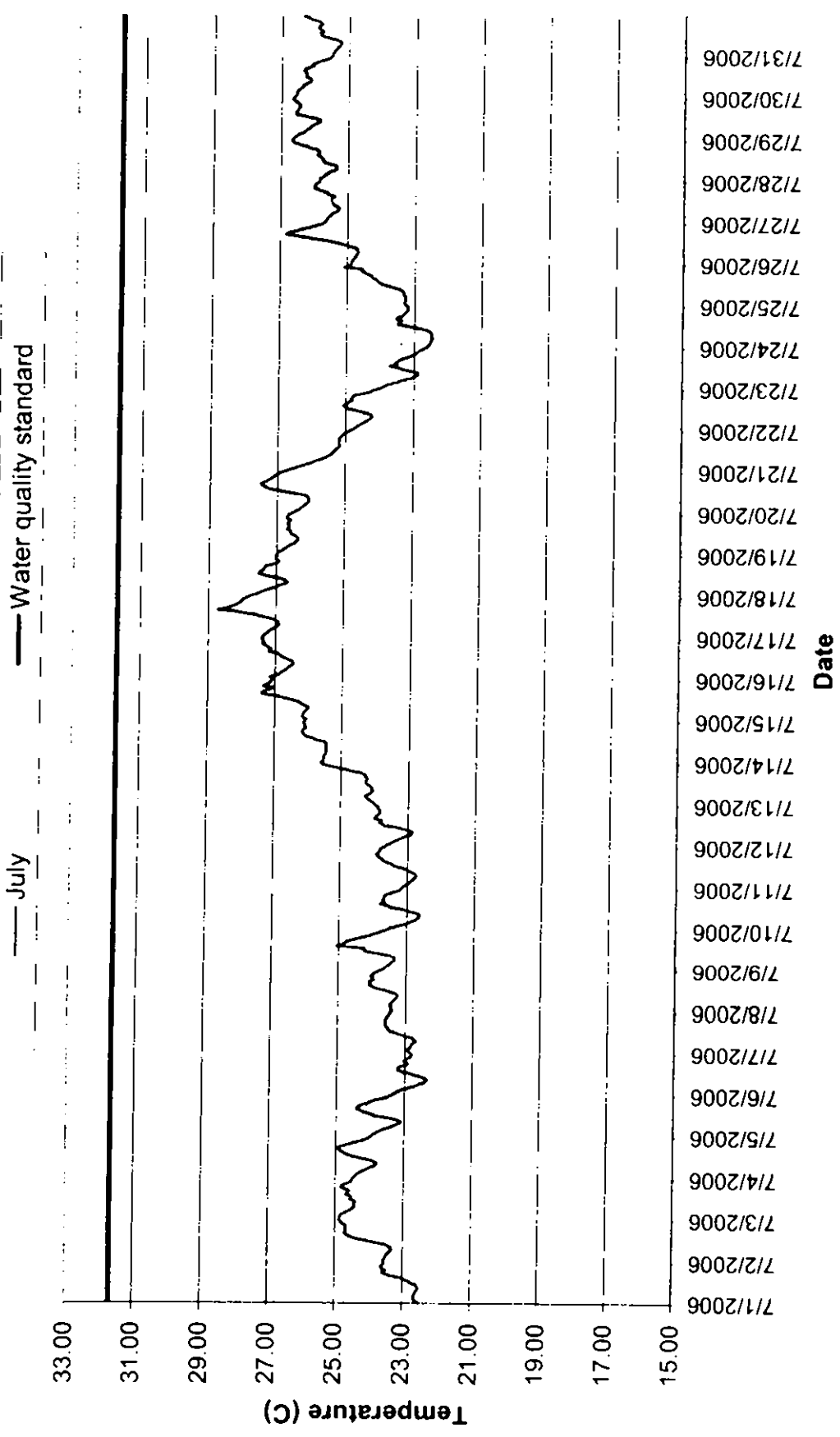
Potato Rapids Headwater Temperature Summary - September 2006

Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	18.46	19.67	18.75	17.41	15.97	14.78	14.64	15.41	15.58	15.03	14.59	14.16	13.25	12.88
0	18.46	19.67	18.75	17.41	15.97	14.78	14.64	15.41	15.58	15.03	14.59	14.16	13.25	12.88
10000	18.46	19.58	18.65	17.27	15.72	14.83	14.64	15.40	15.53	14.99	14.59	14.12	13.25	12.87
20000	18.46	19.50	18.54	17.14	15.57	14.85	14.63	15.34	15.48	14.92	14.59	14.09	13.22	12.85
30000	18.49	19.44	18.46	17.03	15.44	14.87	14.64	15.26	15.44	14.84	14.57	14.05	13.17	12.83
40000	18.52	19.39	18.39	16.91	15.35	14.89	14.66	15.16	15.39	14.78	14.57	14.01	13.11	12.81
50000	18.56	19.33	18.33	16.79	15.24	14.92	14.67	15.10	15.34	14.71	14.57	13.97	13.07	12.77
60000	18.59	19.27	18.30	16.67	15.12	14.90	14.68	15.04	15.28	14.63	14.58	13.91	13.01	12.73
70000	18.63	19.21	18.26	16.56	15.01	14.85	14.69	14.98	15.23	14.53	14.56	13.82	12.94	12.69
80000	18.65	19.14	18.19	16.48	14.91	14.82	14.70	14.92	15.18	14.45	14.54	13.73	12.88	12.64
90000	18.67	19.09	18.12	16.40	14.83	14.79	14.71	14.89	15.15	14.38	14.50	13.64	12.83	12.63
100000	18.73	19.18	18.11	16.46	14.82	14.75	14.73	14.90	15.15	14.38	14.49	13.62	12.84	12.65
110000	18.93	19.30	18.10	16.59	14.92	14.74	14.95	15.01	15.24	14.51	14.51	13.64	12.94	12.72
120000	19.15	19.45	18.13	16.74	15.07	14.74	15.05	15.15	15.44	14.69	14.57	13.65	13.08	12.86
130000	19.37	19.56	18.15	16.82	15.03	14.70	15.01	15.36	15.63	14.87	14.59	13.70	13.17	13.04
140000	19.35	19.65	18.16	16.95	14.98	14.67	15.05	15.57	15.80	15.00	14.59	13.76	13.18	13.12
150000	19.54	19.64	18.20	17.14	15.03	14.64	15.14	15.73	15.94	15.10	14.59	13.73	13.16	13.25
160000	19.49	19.65	18.31	17.24	15.04	14.63	15.24	15.93	16.02	15.17	14.57	13.66	13.10	13.37
170000	19.54	19.56	18.28	17.19	14.96	14.61	15.26	16.00	15.99	15.17	14.53	13.54	13.03	13.35
180000	19.75	19.45	18.21	17.09	14.95	14.59	15.13	15.98	15.87	15.09	14.48	13.44	12.97	13.25
190000	19.81	19.32	18.12	17.01	14.84	14.58	15.23	15.89	15.64	14.91	14.43	13.40	12.92	13.16
200000	19.87	19.19	18.02	16.83	14.80	14.59	15.35	15.81	15.40	14.71	14.37	13.32	12.89	12.97
210000	19.83	19.08	17.92	16.60	14.79	14.60	15.24	15.75	15.25	14.62	14.31	13.28	12.90	12.84
220000	19.78	18.96	17.78	16.42	14.78	14.61	15.34	15.68	15.14	14.57	14.25	13.27	12.89	12.78
230000	19.75	18.85	17.58	16.21	14.74	14.62	15.39	15.63	15.08	14.56	14.21	13.26	12.89	12.77
Daily Max	19.87	19.67	18.75	17.41	15.97	14.92	15.39	16.00	16.02	15.17	14.59	14.16	13.25	13.37
Daily Min	18.46	18.85	17.58	16.21	14.74	14.58	14.63	14.89	15.08	14.38	14.21	13.26	12.83	12.63
Average	19.10	19.35	18.21	16.83	15.08	14.73	14.95	15.41	15.47	14.78	14.51	13.70	13.03	12.91

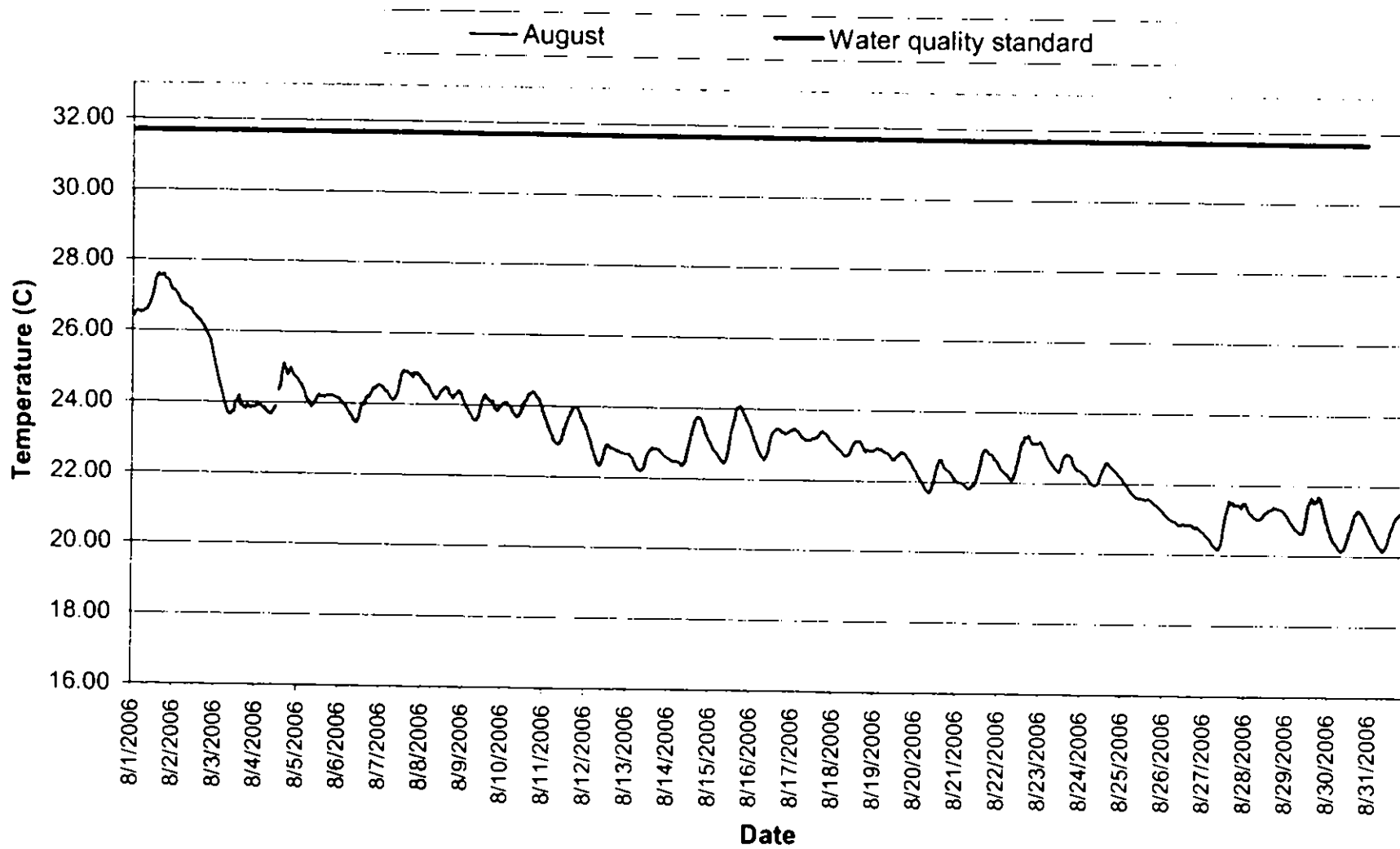
Potato Rapids Tailwater - Water Temperatures 2006



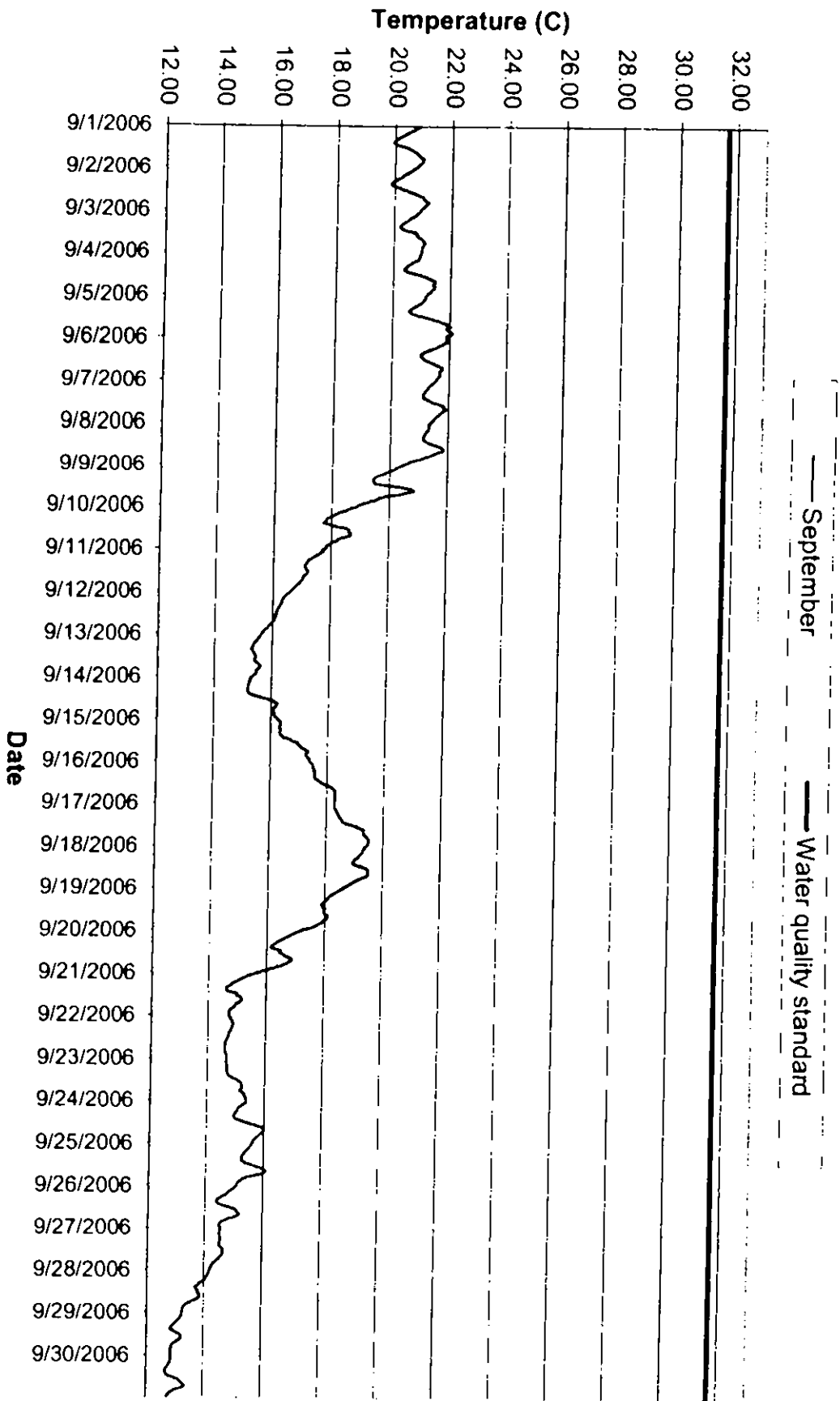
Potato Rapids Tailwater - Water Temperatures 2006



Potato Rapids Tailwater - Water Temperatures 2006



Potato Rapids Tailwater - Water Temperatures 2006



Potato Rapids Tailwater Temperature Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	22.44	22.60	21.57	21.45	21.84	20.91	21.19	22.05	21.13	20.63	20.53	19.05	19.08	19.93	20.57
10000	22.26	22.48	21.78	21.32	21.56	21.88	20.85	21.13	21.86	21.01	20.48	20.42	19.00	19.06	19.87	20.61
20000	22.08	22.35	21.57	21.20	21.57	21.90	20.80	21.03	21.75	20.85	20.33	20.20	18.93	19.04	19.80	20.64
30000	21.92	22.17	21.45	20.99	21.53	21.92	20.71	20.92	21.70	20.72	20.20	19.97	18.88	19.00	19.70	20.61
40000	21.81	22.02	21.36	20.87	21.47	21.87	20.64	20.80	21.57	20.60	20.04	19.70	18.83	18.91	19.64	20.62
50000	21.69	21.84	21.22	20.81	21.41	21.79	20.54	20.69	21.43	20.47	19.91	19.45	18.76	18.84	19.50	20.59
60000	21.59	21.69	21.17	20.71	21.33	21.74	20.46	20.61	21.27	20.36	19.77	19.27	18.71	18.79	19.40	20.61
70000	21.52	21.54	21.12	20.63	21.26	21.69	20.39	20.55	21.09	20.27	19.65	19.11	18.69	18.74	19.34	20.62
80000	21.55	21.49	21.11	20.65	21.30	21.70	20.37	20.58	21.07	20.23	19.59	19.06	18.69	18.72	19.35	20.71
90000	21.69	21.52	21.23	20.83	21.46	21.71	20.39	20.76	21.11	20.33	19.71	19.15	18.78	18.74	19.46	20.74
100000	21.92	21.62	21.51	21.09	21.71	21.73	20.45	21.00	21.18	20.52	19.91	19.29	18.99	18.74	19.65	20.88
110000	22.19	21.91	21.76	21.48	21.87	21.72	20.68	21.40	21.38	20.75	20.16	19.36	19.26	18.80	19.81	21.11
120000	22.42	21.96	21.93	21.73	22.00	21.69	20.95	21.78	21.38	20.99	20.57	19.41	19.43	18.90	19.86	21.35
130000	22.76	21.92	21.96	21.76	22.16	21.65	21.23	22.14	21.90	21.28	20.79	19.42	19.75	19.16	19.91	21.58
140000	22.80	21.81	22.15	21.88	22.20	21.68	21.14	22.44	22.04	21.52	20.75	19.40	19.75	19.36	19.96	21.84
150000	22.61	21.69	22.14	21.72	22.08	21.71	21.22	22.62	22.16	21.54	20.85	19.50	19.28	19.36	20.04	22.04
160000	22.07	21.72	22.03	21.47	21.83	21.63	21.31	22.88	22.17	21.80	20.83	19.58	19.15	19.46	20.02	22.26
170000	22.05	21.95	21.98	21.25	21.74	21.50	21.35	22.87	22.09	21.84	21.01	19.59	19.01	19.56	20.13	22.12
180000	22.08	22.15	21.94	21.18	21.84	21.38	21.28	22.85	21.95	21.58	21.02	19.65	18.97	19.58	20.22	22.21
190000	22.20	22.49	21.80	20.96	21.83	21.28	21.38	22.86	21.84	21.51	21.02	19.60	18.89	19.58	20.37	22.26
200000	22.35	22.40	21.88	20.87	21.76	21.18	21.35	22.73	21.69	21.39	20.87	19.51	18.98	19.52	20.40	22.29
210000	22.59	22.15	21.95	20.87	21.83	21.10	21.33	22.63	21.55	21.18	20.78	19.38	18.96	19.60	20.46	22.34
220000	22.64	22.22	21.92	21.05	21.83	21.04	21.30	22.43	21.40	20.96	20.69	19.21	19.00	19.64	20.48	22.35
230000	22.59	22.17	21.86	21.25	21.81	20.97	21.25	22.23	21.23	20.79	20.62	19.09	19.06	19.76	20.54	22.37
Daily Max	22.80	22.60	22.15	21.88	22.20	21.92	21.38	22.88	22.17	21.84	21.02	20.53	19.75	19.76	20.54	22.37
Daily Min	21.52	21.49	21.11	20.63	21.26	20.97	20.37	20.55	21.07	20.23	19.59	19.06	18.69	18.72	19.34	20.57
Average	22.16	21.99	21.70	21.17	21.70	21.60	20.93	21.71	21.63	20.98	20.42	19.54	19.03	19.16	19.91	21.39

Missing data due to equipment change 6/9

Monthly average: 22.27
 License Maximum Temp: 31.67C

Potato Rapids Tailwater Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	22.30	24.49	25.46	24.59	23.52	23.42	23.44	22.82	22.05	21.12	20.17	21.60	21.36	21.78
0	22.30	24.56	25.37	24.45	23.45	23.45	23.30	22.74	22.00	21.03	20.10	21.42	21.25	21.77
10000	22.26	24.58	25.29	24.33	23.36	23.47	23.17	22.78	21.93	20.92	20.09	21.19	21.18	21.73
20000	22.26	24.61	25.18	24.21	23.29	23.42	23.03	22.76	21.87	20.79	20.07	20.97	21.09	21.64
30000	22.25	24.67	25.09	24.08	23.23	23.37	22.91	22.72	21.80	20.65	20.08	20.89	21.00	21.55
40000	22.25	24.79	24.99	24.00	23.17	23.31	22.80	22.64	21.74	20.52	20.07	20.86	20.87	21.46
50000	22.27	24.86	24.92	23.89	23.10	23.26	22.68	22.58	21.65	20.41	20.01	20.81	20.79	21.37
60000	22.31	24.92	24.86	23.78	23.05	23.23	22.57	22.51	21.60	20.31	19.98	20.77	20.72	21.32
70000	22.39	24.99	24.79	23.78	23.05	23.26	22.59	22.56	21.55	20.23	19.99	20.74	20.72	21.30
80000	22.50	25.09	24.85	23.84	23.09	23.37	22.71	22.61	21.52	20.23	20.06	20.81	20.81	21.37
90000	22.66	25.23	24.99	23.97	23.18	23.53	22.84	22.69	21.52	20.32	20.22	21.03	20.99	21.57
100000	22.95	25.31	25.24	24.13	23.24	23.77	23.04	22.70	21.58	20.44	20.49	21.33	21.26	21.82
110000	23.32	25.29	25.42	24.19	23.42	24.01	23.18	22.69	21.68	20.64	20.79	21.59	21.44	22.03
120000	23.38	25.38	25.61	24.15	23.63	24.13	23.38	22.84	21.71	20.76	21.09	21.81	21.69	22.23
130000	23.26	25.50	25.76	24.06	23.74	24.43	23.45	22.84	21.68	20.83	21.20	21.89	21.79	22.21
140000	23.32	25.69	25.67	23.96	23.44	24.48	23.49	22.84	21.66	20.81	21.21	21.87	21.91	22.14
150000	23.79	25.78	25.55	23.87	23.27	24.68	23.42	22.76	21.64	20.79	21.50	21.87	21.92	22.09
160000	24.19	25.82	25.54	23.86	23.26	24.73	23.34	22.69	21.63	20.81	21.49	21.92	21.92	22.12
170000	24.49	25.90	25.63	23.84	23.40	24.38	23.21	22.59	21.62	20.82	21.60	22.11	21.98	22.32
180000	24.56	25.92	25.51	23.80	23.53	24.25	23.13	22.53	21.54	20.73	22.03	22.13	22.06	22.37
190000	24.46	25.86	25.27	23.76	23.63	24.12	23.21	22.46	21.43	20.55	21.93	22.10	21.97	22.41
200000	24.42	25.74	25.02	23.71	23.69	23.93	23.10	22.34	21.34	20.42	21.79	21.81	21.77	22.48
210000	24.42	25.65	24.82	23.65	23.55	23.74	23.01	22.24	21.27	20.37	21.85	21.59	21.85	22.52
220000	24.42	25.65	24.69	23.60	23.47	23.60	22.91	22.13	21.19	20.26	21.79	21.47	21.81	22.59
230000	24.44	25.56	24.69	23.60	23.47	23.60	22.91	22.13	21.19	20.26	21.79	21.47	21.81	22.59
Daily Max	24.56	25.92	25.76	24.59	23.74	24.73	23.49	22.84	22.05	21.12	22.03	22.13	22.06	22.59
Daily Min	22.25	24.49	24.69	23.60	23.05	23.23	22.57	22.13	21.19	20.23	19.98	20.74	20.72	21.30
Average	23.20	25.26	25.23	23.98	23.37	23.81	23.08	22.63	21.63	20.62	20.82	21.44	21.42	21.92

Potato Rapids Tailwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	22.51	23.55	24.88	24.49	23.96	23.33	22.84	23.40	23.74	23.65	23.18	23.69	23.96	25.60	26.09	27.06
10000	22.60	23.55	24.87	24.44	23.90	23.26	22.90	23.42	23.65	23.50	23.11	23.61	24.03	25.54	26.05	27.16
20000	22.63	23.53	24.87	24.39	23.83	23.15	22.93	23.43	23.58	23.32	23.04	23.49	24.09	25.53	26.15	27.00
30000	22.66	23.49	24.81	24.30	23.73	22.99	22.86	23.46	23.53	23.15	22.97	23.41	24.16	25.54	26.17	26.86
40000	22.64	23.47	24.73	24.21	23.59	22.84	22.83	23.42	23.48	22.98	22.90	23.28	24.24	25.51	26.14	26.80
50000	22.64	23.42	24.63	24.10	23.47	22.67	22.80	23.38	23.42	22.83	22.84	23.18	24.27	25.48	26.11	26.70
60000	22.60	23.37	24.52	23.96	23.31	22.53	22.76	23.32	23.36	22.71	22.77	23.05	24.19	25.46	26.06	26.64
70000	22.58	23.32	24.46	23.84	23.18	22.39	22.69	23.27	23.33	22.66	22.72	22.92	24.10	25.46	26.00	26.58
80000	22.52	23.33	24.41	23.79	23.09	22.35	22.71	23.25	23.36	22.60	22.76	22.86	24.05	25.46	26.01	26.48
90000	22.55	23.40	24.45	23.82	23.15	22.38	22.80	23.26	23.46	22.64	22.83	22.93	24.07	25.44	26.12	26.45
100000	22.57	23.53	24.43	23.97	23.29	22.52	22.96	23.35	23.65	22.75	22.92	23.10	24.10	25.45	26.22	26.48
110000	22.62	23.79	24.42	24.20	23.56	22.70	23.13	23.48	23.94	22.95	23.04	23.37	24.17	25.46	26.31	26.59
120000	22.78	24.03	24.55	24.41	23.85	22.89	23.27	23.68	24.21	23.15	23.19	23.72	24.26	25.51	26.47	26.69
130000	22.80	24.35	24.54	24.63	24.01	23.08	23.45	23.89	24.26	23.46	23.40	23.73	24.27	25.70	26.67	26.82
140000	22.96	24.50	24.56	24.74	24.14	23.19	23.49	24.00	24.25	23.54	23.43	23.83	24.23	25.85	26.94	26.87
150000	23.09	24.62	24.68	24.82	24.28	23.22	23.52	24.08	25.05	23.78	23.60	23.77	24.21	26.04	27.25	26.99
160000	23.34	24.71	24.64	24.89	24.40	23.13	23.59	24.05	24.90	23.65	23.71	23.97	24.29	26.10	27.39	27.18
170000	23.51	24.69	24.58	24.96	24.38	22.93	23.57	24.07	24.78	23.73	23.74	23.97	24.28	26.15	27.28	27.13
180000	23.58	24.70	24.70	24.86	24.31	22.91	23.60	23.96	24.76	23.68	23.83	23.90	24.39	26.17	27.12	27.19
190000	23.49	24.70	24.84	24.69	24.14	23.02	23.59	23.96	24.54	23.67	23.88	23.83	24.70	26.15	27.03	27.27
200000	23.57	24.70	24.80	24.49	23.97	22.98	23.56	24.04	24.35	23.67	23.92	23.82	24.84	26.06	27.34	27.36
210000	23.63	24.70	24.66	24.29	23.86	22.89	23.53	24.00	24.13	23.54	23.84	23.83	25.16	26.08	27.20	27.32
220000	23.61	24.81	24.55	24.14	23.60	22.83	23.48	23.91	23.94	23.36	23.81	23.90	25.38	26.09	27.14	27.36
230000	23.55	24.82	24.52	24.03	23.43	22.79	23.45	23.83	23.80	23.22	23.77	23.89	25.54	26.15	27.09	27.39
Daily Max	23.63	24.82	24.88	24.96	24.40	23.33	23.60	24.08	25.05	23.78	23.92	23.97	25.54	26.17	27.39	27.39
Daily Min	22.51	23.32	24.41	23.79	23.09	22.35	22.69	23.25	23.33	22.60	22.73	22.86	23.96	25.44	26.00	26.45
Average	22.96	24.05	24.63	24.35	23.77	22.87	23.18	23.66	23.98	23.26	23.30	23.54	24.37	25.75	26.60	26.93

Monthly average: 24.86
 License Maximum Temp: 31.67C

Potato Rapids Tailwater Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	27.37	27.74	27.00	26.57	26.76	24.86	24.02	22.62	23.25	24.88	25.69	25.85	26.65	26.61	25.50
0															
10000	27.35	27.58	26.95	26.47	26.62	24.76	23.89	22.57	23.29	24.88	25.64	25.84	26.61	26.56	25.49
20000	27.28	27.46	26.88	26.37	26.46	24.66	23.76	22.53	23.29	24.84	25.62	25.75	26.55	26.55	25.45
30000	27.20	27.32	26.77	26.30	26.31	24.58	23.60	22.51	23.28	24.80	25.58	25.70	26.48	26.56	25.43
40000	27.15	27.17	26.70	26.22	26.17	24.50	23.44	22.49	23.27	24.75	25.50	25.62	26.33	26.50	25.38
50000	27.08	27.03	26.62	26.17	26.01	24.41	23.26	22.45	23.28	24.74	25.46	25.55	26.27	26.45	25.33
60000	26.97	26.90	26.52	26.10	25.87	24.32	23.09	22.49	23.30	24.69	25.35	25.42	26.20	26.38	25.28
70000	26.91	26.74	26.44	26.07	25.74	24.24	22.96	22.46	23.32	24.69	25.30	25.33	26.12	26.37	25.24
80000	26.92	26.66	26.40	26.05	25.60	24.21	22.87	22.50	23.33	24.71	25.26	25.34	26.06	26.25	25.26
90000	26.94	26.70	26.40	26.08	25.49	24.28	22.89	22.55	23.41	24.74	25.31	25.40	25.95	26.15	25.35
100000	27.04	26.86	26.40	26.11	25.42	24.41	23.04	22.69	23.56	24.92	25.40	25.60	25.85	26.12	25.56
110000	27.20	27.08	26.45	26.29	25.37	24.62	23.30	22.91	23.73	25.08	25.46	25.74	25.85	26.16	25.77
120000	27.43	27.35	26.56	26.64	25.33	24.91	23.48	23.21	23.94	25.32	25.76	25.76	25.99	26.30	25.85
130000	27.64	27.52	26.58	26.98	25.27	24.99	23.71	23.48	24.02	25.54	25.50	25.78	26.24	26.27	25.86
140000	27.98	27.49	26.61	27.24	25.20	25.08	23.49	23.46	24.10	25.83	25.46	25.82	26.54	26.27	25.78
150000	28.21	27.38	26.69	27.34	25.18	24.96	23.54	23.37	24.17	26.21	25.40	25.93	26.58	26.34	25.87
160000	28.72	27.36	26.63	27.44	25.19	24.92	23.46	23.53	24.25	26.48	25.60	25.88	26.53	26.34	25.92
170000	28.36	27.33	26.66	27.48	25.20	24.81	23.38	23.50	24.27	26.85	25.60	25.85	26.52	26.20	25.89
180000	28.28	27.17	26.67	27.32	25.17	24.85	23.22	23.36	24.36	26.70	25.77	25.92	26.46	26.05	25.81
190000	28.15	27.00	26.63	27.28	25.17	24.78	23.08	23.29	24.49	26.52	25.89	26.12	26.44	26.09	25.85
200000	28.06	26.91	26.60	27.15	25.15	24.74	22.97	23.24	24.57	26.36	26.00	26.22	26.46	26.00	25.89
210000	28.01	26.99	26.68	27.10	25.10	24.46	22.90	23.20	24.56	26.16	25.98	26.46	26.54	25.81	26.14
220000	27.97	27.00	26.70	27.05	25.04	24.31	22.81	23.20	25.08	25.96	25.96	26.60	26.61	25.64	26.21
230000	27.88	26.99	26.64	26.92	24.95	24.15	22.71	23.18	24.91	25.77	25.86	26.68	26.65	25.55	26.35
Daily Max	28.72	27.74	27.00	27.48	26.76	25.08	24.02	23.53	25.08	26.85	26.00	26.68	26.65	26.61	26.35
Daily Min	26.91	26.66	26.40	26.05	24.95	24.15	22.71	22.45	23.25	24.69	25.26	25.33	25.85	25.55	25.24
Average	27.59	27.16	26.63	26.70	25.57	24.62	23.29	22.95	23.88	25.48	25.59	25.84	26.35	26.23	25.69

Missing data on 7/27 due to equipment change

Potato Rapids Tailwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	26.40	27.13	25.02	23.89	24.67	24.13	24.69	24.18	24.03	23.74	23.45	22.68	22.57	23.05	23.49
10000	26.50	27.09	24.85	23.91	24.58	24.08	24.48	24.64	24.08	24.08	23.61	23.33	22.68	22.53	22.97	23.34
20000	26.55	27.04	24.63	23.95	24.53	24.02	24.44	24.58	23.96	24.09	23.48	23.16	22.63	22.50	22.87	23.18
30000	26.54	26.92	24.42	23.89	24.43	23.96	24.36	24.55	23.90	24.02	23.33	23.01	22.55	22.47	22.79	23.03
40000	26.51	26.83	24.27	23.84	24.31	23.88	24.35	24.44	23.80	23.98	23.22	22.84	22.45	22.48	22.75	22.91
50000	26.52	26.76	24.08	23.84	24.17	23.78	24.27	24.35	23.73	23.91	23.11	22.70	22.36	22.48	22.68	22.79
60000	26.54	26.75	23.91	23.76	24.06	23.74	24.20	24.28	23.64	23.80	23.01	22.55	22.28	22.46	22.60	22.71
70000	26.57	26.70	23.72	23.71	24.01	23.64	24.12	24.21	23.57	23.73	22.94	22.40	22.22	22.42	22.51	22.62
80000	26.61	26.66	23.68	23.68	23.90	23.54	24.11	24.13	23.56	23.67	22.92	22.34	22.20	22.37	22.45	22.56
90000	26.70	26.64	23.64	23.69	23.94	23.49	24.17	24.19	23.59	23.70	22.94	22.37	22.22	22.39	22.47	22.63
100000	26.83	26.60	23.74	23.81	24.02	23.49	24.26	24.30	23.70	23.78	23.06	22.52	22.31	22.48	22.59	22.81
110000	26.94	26.51	23.74	23.90	24.10	23.58	24.41	24.38	23.90	23.90	23.24	22.71	22.49	22.70	22.82	23.04
120000	27.13	26.44	24.01	23.90	24.21	23.78	24.64	24.41	24.09	24.04	23.40	22.86	22.65	22.91	23.12	23.24
130000	27.38	26.39	24.02	24.36	24.24	23.99	24.84	24.46	24.22	24.11	23.52	22.94	22.75	23.10	23.38	23.34
140000	27.56	26.33	24.19	24.51	24.17	23.96	24.93	24.49	24.30	24.18	23.69	22.88	22.79	23.33	23.59	23.39
150000	27.60	26.28	23.91	24.93	24.20	24.09	24.91	24.46	24.18	24.33	23.77	22.82	22.86	23.50	23.78	23.44
160000	27.54	26.21	23.93	25.11	24.17	24.20	24.91	24.30	24.16	24.34	23.87	22.83	22.84	23.66	24.02	23.45
170000	27.57	26.13	23.83	24.91	24.22	24.19	24.86	24.25	24.09	24.38	23.98	22.81	22.84	23.75	24.03	23.43
180000	27.58	26.06	23.82	24.78	24.22	24.26	24.83	24.18	24.12	24.40	23.98	22.77	22.83	23.73	24.07	23.35
190000	27.48	25.95	23.92	24.88	24.21	24.34	24.77	24.28	23.98	24.31	23.97	22.75	22.80	23.70	24.01	23.36
200000	27.44	25.85	23.87	24.97	24.22	24.45	24.88	24.30	23.88	24.26	23.90	22.74	22.75	23.60	23.89	23.31
210000	27.38	25.72	23.84	24.81	24.20	24.43	24.84	24.36	23.83	24.19	23.78	22.70	22.68	23.43	23.79	23.32
220000	27.25	25.52	23.88	24.77	24.18	24.48	24.87	24.40	23.93	24.06	23.64	22.71	22.63	23.28	23.67	23.37
230000	27.15	25.28	23.85	24.72	24.16	24.53	24.80	24.32	23.97	23.93	23.54	22.68	22.60	23.16	23.57	23.39
Daily Max	27.60	27.13	25.02	25.11	24.67	24.53	24.93	24.69	24.30	24.40	23.98	23.45	22.86	23.75	24.07	23.49
Daily Min	26.40	25.28	23.64	23.68	23.90	23.49	24.11	24.13	23.56	23.67	22.92	22.34	22.20	22.37	22.45	22.56
Average	27.01	26.41	24.03	24.29	24.21	24.00	24.57	24.37	23.93	24.05	23.49	22.79	22.59	22.96	23.23	23.15

Missing data due to equipment change 8/4

Monthly average: 23.01
License Maximum Temp 31.67C

Potato Rapids Tailwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	23.41	23.05	22.86	22.30	22.02	22.55	23.13	22.36	22.17	21.21	20.63	21.48	21.17	20.83	20.84
10000	23.45	23.00	22.91	22.21	21.98	22.46	23.17	22.31	22.09	21.16	20.57	21.41	21.09	20.68	20.73
20000	23.44	22.95	22.92	22.12	22.00	22.38	23.09	22.28	22.02	21.11	20.51	21.26	21.00	20.55	20.62
30000	23.39	22.90	22.91	22.03	21.96	22.33	22.98	22.24	21.95	21.05	20.46	21.18	20.93	20.44	20.53
40000	23.35	22.86	22.89	21.94	21.95	22.28	22.84	22.17	21.88	21.01	20.37	21.15	20.85	20.37	20.43
50000	23.28	22.80	22.86	21.86	21.89	22.24	22.73	22.10	21.82	20.98	20.30	21.09	20.80	20.31	20.35
60000	23.21	22.75	22.83	21.78	21.85	22.18	22.65	22.03	21.75	20.95	20.24	21.07	20.75	20.23	20.26
70000	23.17	22.71	22.81	21.72	21.80	22.12	22.59	21.97	21.69	20.95	20.20	21.03	20.69	20.16	20.21
80000	23.13	22.70	22.81	21.68	21.81	22.07	22.51	21.95	21.64	20.89	20.16	21.02	20.65	20.14	20.16
90000	23.14	22.72	22.74	21.74	21.89	22.13	22.45	21.95	21.61	20.85	20.20	21.05	20.63	20.18	20.20
100000	23.14	22.83	22.65	21.90	21.91	22.28	22.39	21.99	21.60	20.83	20.33	21.10	20.67	20.27	20.29
110000	23.15	22.95	22.60	22.12	21.99	22.47	22.33	22.12	21.60	20.86	20.61	21.17	20.88	20.40	20.43
120000	23.18	23.05	22.60	22.30	22.15	22.64	22.24	22.24	21.59	20.89	20.91	21.21	21.15	20.55	20.60
130000	23.19	23.12	22.69	22.45	22.30	22.89	22.45	22.37	21.58	20.85	21.15	21.25	21.43	20.70	20.74
140000	23.20	23.10	22.72	22.61	22.52	23.16	22.67	22.47	21.56	20.85	21.34	21.30	21.55	20.85	20.89
150000	23.22	23.11	22.76	22.63	22.78	23.14	22.78	22.59	21.57	20.86	21.56	21.31	21.66	21.02	21.04
160000	23.29	23.11	22.83	22.51	22.88	23.31	22.80	22.60	21.58	20.85	21.45	21.32	21.53	21.18	21.10
170000	23.38	23.00	22.80	22.38	22.94	23.29	22.82	22.52	21.54	20.84	21.51	21.38	21.53	21.25	21.15
180000	23.39	22.87	22.78	22.38	22.89	23.35	22.78	22.48	21.49	20.79	21.42	21.36	21.58	21.30	21.22
190000	23.35	22.82	22.71	22.32	22.80	23.24	22.73	22.44	21.44	20.76	21.43	21.34	21.68	21.27	21.23
200000	23.32	22.90	22.63	22.30	22.80	23.10	22.54	22.40	21.42	20.80	21.43	21.33	21.64	21.21	21.19
210000	23.26	22.86	22.55	22.20	22.78	23.13	22.45	22.35	21.38	20.76	21.40	21.31	21.41	21.13	21.10
220000	23.18	22.85	22.46	22.16	22.69	23.10	22.38	22.28	21.32	20.70	21.34	21.29	21.25	21.07	21.02
230000	23.10	22.83	22.38	22.07	22.63	23.12	22.38	22.22	21.27	20.67	21.48	21.24	21.04	20.96	20.93
Daily Max	23.45	23.12	22.92	22.63	22.94	23.35	23.17	23.17	22.17	21.21	21.56	21.48	21.68	21.30	21.23
Daily Min	23.10	22.70	22.38	21.68	21.80	22.07	22.32	22.32	21.27	20.67	20.16	21.02	20.63	20.14	20.16
Average	23.26	22.91	22.74	22.15	22.30	22.71	22.67	22.67	21.65	20.89	20.88	21.24	21.15	20.71	20.72

Potato Rapids Tailwater Temperature Summary - September 2006

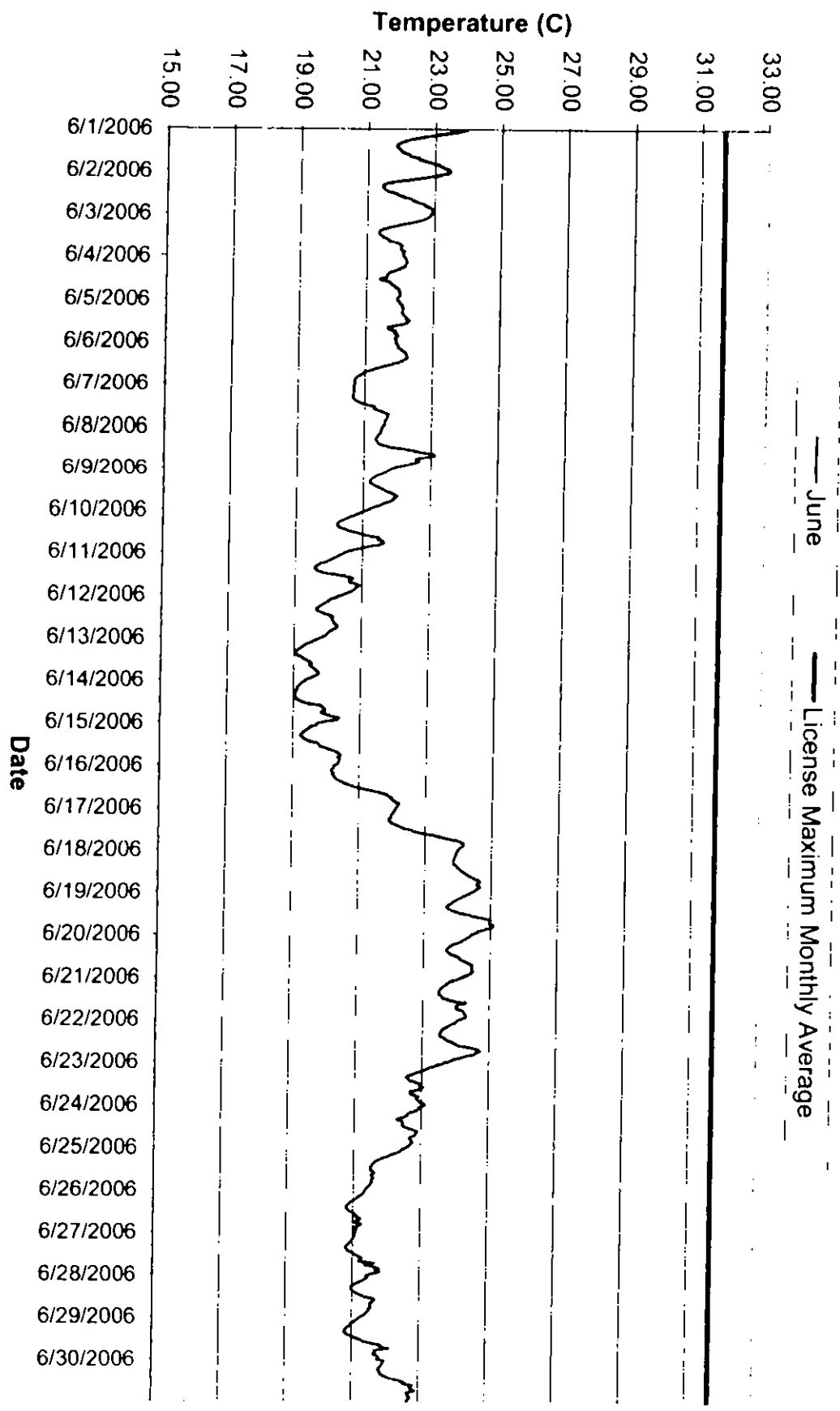
Time HHMMSS	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	20.83	20.66	20.87	20.94	21.14	21.89	21.50	21.34	20.37	18.82	17.70	16.58	15.60	15.29	16.26	17.41
10000	20.70	20.57	20.82	20.91	21.12	21.96	21.45	21.33	20.25	18.60	17.72	16.51	15.56	15.26	16.33	17.49
20000	20.61	20.47	20.74	20.89	21.09	21.81	21.37	21.34	20.15	18.53	17.64	16.43	15.52	15.24	16.35	17.50
30000	20.48	20.38	20.64	20.87	21.01	21.72	21.31	21.30	20.04	18.27	17.53	16.37	15.48	15.22	16.34	17.51
40000	20.37	20.27	20.55	20.77	20.94	21.59	21.26	21.25	19.90	18.13	17.42	16.33	15.43	15.20	16.31	17.54
50000	20.27	20.17	20.46	20.65	20.82	21.44	21.22	21.21	19.78	18.05	17.31	16.31	15.38	15.20	16.33	17.55
60000	20.15	20.07	20.38	20.55	20.72	21.29	21.17	21.18	19.64	17.89	17.22	16.29	15.35	15.18	16.34	17.56
70000	20.02	19.95	20.28	20.47	20.63	21.14	21.13	21.15	19.50	17.81	17.19	16.27	15.32	15.17	16.32	17.57
80000	19.95	19.87	20.20	20.39	20.58	21.02	21.11	21.13	19.43	17.78	17.13	16.23	15.29	15.18	16.33	17.58
90000	19.93	19.88	20.21	20.38	20.60	20.98	21.11	21.17	19.42	17.71	17.10	16.20	15.32	15.23	16.38	17.58
100000	20.04	20.03	20.31	20.49	20.71	21.05	21.16	21.29	19.44	17.95	17.12	16.17	15.38	15.36	16.45	17.64
110000	20.23	20.20	20.53	20.73	20.94	21.10	21.32	21.42	19.50	18.13	17.14	16.14	15.40	15.61	16.66	17.76
120000	20.44	20.40	20.77	20.97	21.19	21.23	21.42	21.63	19.94	18.53	17.21	16.12	15.43	15.85	16.78	17.85
130000	20.56	20.56	20.80	21.16	21.41	21.38	21.63	21.78	20.48	18.60	17.19	16.12	15.43	16.03	16.94	17.96
140000	20.67	20.71	20.79	21.30	21.59	21.52	21.80	21.85	20.71	18.57	17.14	16.09	15.41	16.15	16.99	18.13
150000	20.76	20.82	20.93	21.45	21.78	21.64	21.83	21.80	20.84	18.67	17.06	16.06	15.41	16.22	17.07	18.21
160000	20.80	20.99	20.99	21.45	21.95	21.76	21.90	21.63	20.64	18.65	17.03	16.05	15.48	16.19	17.10	18.29
170000	20.87	21.01	21.04	21.38	22.02	21.74	21.80	21.48	20.34	18.46	17.00	16.00	15.58	16.13	17.25	18.30
180000	20.97	21.10	21.07	21.45	21.88	21.66	21.73	21.34	19.85	18.24	16.95	15.93	15.60	16.08	17.32	18.30
190000	20.98	21.19	21.04	21.44	21.92	21.68	21.68	21.17	19.67	18.19	16.90	15.87	15.54	16.09	17.25	18.30
200000	20.94	21.11	20.98	21.35	22.04	21.67	21.58	20.99	19.53	18.01	16.84	15.83	15.47	16.10	17.24	18.28
210000	20.88	21.06	20.97	21.32	22.08	21.65	21.53	20.77	19.30	17.93	16.77	15.74	15.47	16.14	17.30	18.29
220000	20.82	20.97	20.98	21.23	21.89	21.59	21.45	20.64	19.12	17.81	16.72	15.68	15.46	16.13	17.36	18.29
230000	20.75	20.92	20.96	21.17	21.87	21.55	21.39	20.50	18.92	17.84	16.65	15.66	15.38	16.23	17.38	18.29
Daily Max	20.98	21.19	21.07	21.45	22.08	21.96	21.90	21.85	20.84	18.82	17.72	16.58	15.60	16.23	17.38	18.30
Daily Min	19.93	19.87	20.20	20.38	20.58	20.98	21.11	20.50	18.92	17.71	16.65	15.66	15.29	15.17	16.26	17.41
Average	20.54	20.56	20.72	20.99	21.33	21.50	21.45	21.28	19.87	18.22	17.15	16.12	15.45	15.69	16.77	17.88

Monthly average: 17.42
License Maximum Temp 31.67C

Potato Rapids Tailwater Temperature Summary - September 2006

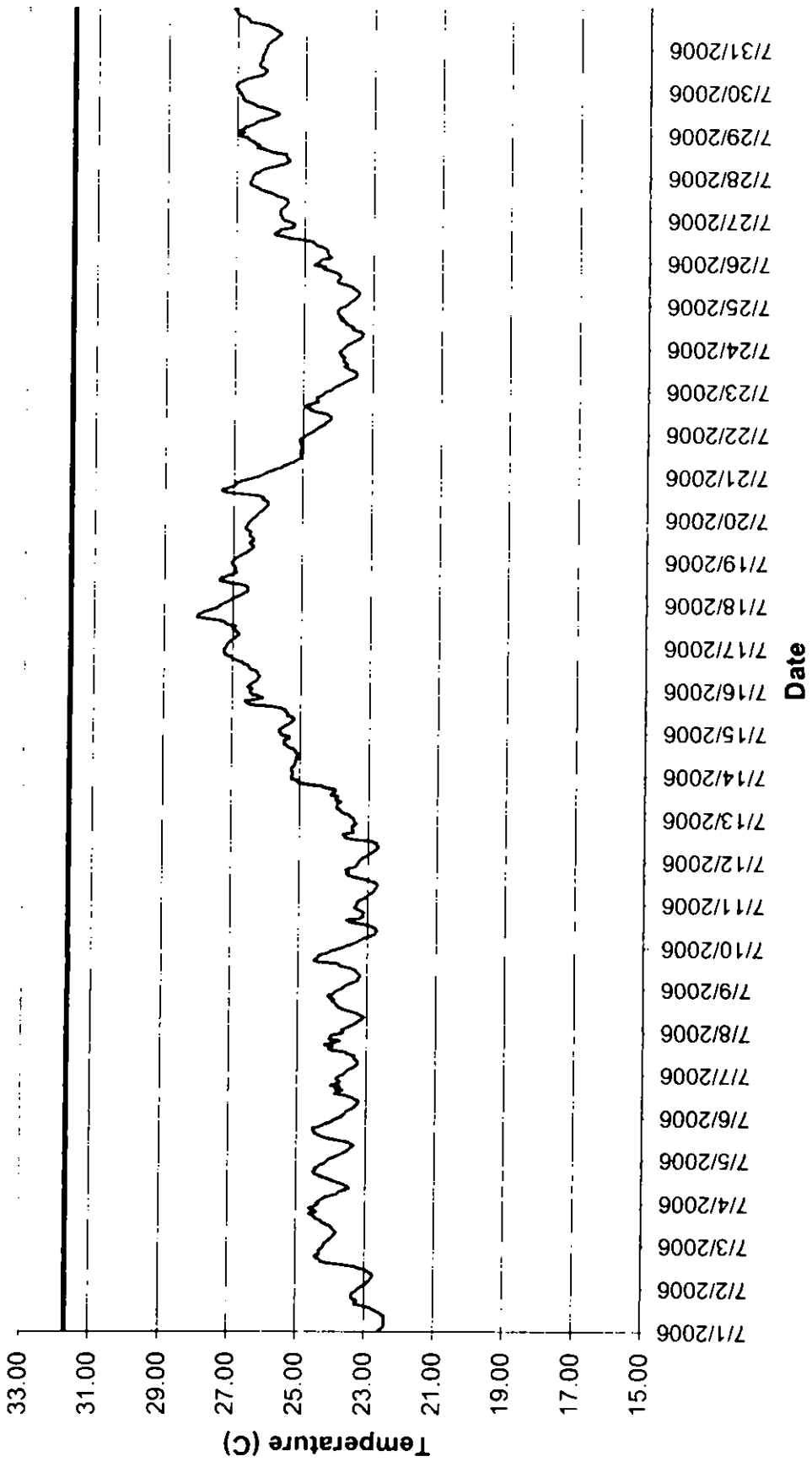
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	18.29	19.35	18.56	17.10	15.58	14.72	14.65	15.37	15.60	15.06	14.55	14.19	13.24	12.87
0	18.29	19.33	18.46	16.96	15.40	14.78	14.64	15.36	15.56	15.02	14.54	14.16	13.24	12.87
10000	18.28	19.29	18.36	16.85	15.27	14.81	14.65	15.29	15.52	14.93	14.52	14.14	13.19	12.86
20000	18.34	19.27	18.26	16.74	15.13	14.84	14.66	15.18	15.47	14.84	14.51	14.11	13.15	12.85
30000	18.37	19.22	18.18	16.62	15.00	14.88	14.67	15.10	15.42	14.77	14.51	14.06	13.08	12.82
40000	18.40	19.16	18.11	16.51	14.89	14.86	14.68	15.07	15.36	14.70	14.53	14.01	13.03	12.78
50000	18.43	19.10	18.06	16.39	14.80	14.84	14.69	15.05	15.31	14.59	14.55	13.95	12.98	12.75
60000	18.46	19.03	17.99	16.29	14.70	14.81	14.68	14.99	15.26	14.49	14.54	13.84	12.91	12.70
70000	18.51	18.96	17.91	16.20	14.62	14.78	14.69	14.95	15.24	14.41	14.53	13.78	12.87	12.67
80000	18.54	18.95	17.88	16.15	14.61	14.74	14.72	14.94	15.23	14.39	14.50	13.70	12.83	12.67
90000	18.61	19.02	17.91	16.25	14.70	14.73	14.78	14.98	15.25	14.47	14.52	13.72	12.94	12.71
100000	18.76	19.25	18.00	16.49	14.99	14.72	14.89	15.12	15.37	14.63	14.58	13.79	13.05	12.78
110000	19.01	19.40	17.99	16.45	14.97	14.67	15.04	15.31	15.57	14.84	14.65	13.76	13.19	12.97
120000	19.16	19.51	17.98	16.56	15.09	14.65	15.10	15.52	15.75	15.03	14.63	13.86	13.22	13.12
130000	19.32	19.45	18.00	16.66	15.16	14.61	15.20	15.72	15.91	15.08	14.63	13.83	13.20	13.16
140000	19.31	19.51	18.12	16.81	15.16	14.61	15.20	15.90	16.04	15.14	14.61	13.85	13.15	13.24
150000	19.30	19.48	18.09	16.90	15.11	14.61	15.22	16.01	16.09	15.18	14.55	13.73	13.04	13.32
160000	19.34	19.34	18.06	16.82	14.95	14.60	15.21	16.00	16.00	15.11	14.50	13.55	12.95	13.34
170000	19.41	19.20	17.97	16.73	14.93	14.60	15.13	15.94	15.73	14.92	14.43	13.49	12.90	13.22
180000	19.47	19.08	17.87	16.59	14.86	14.60	15.21	15.86	15.48	14.73	14.37	13.37	12.87	13.02
190000	19.50	18.97	17.75	16.40	14.78	14.61	15.29	15.79	15.30	14.57	14.31	13.30	12.86	12.93
200000	19.49	18.86	17.65	16.19	14.73	14.63	15.30	15.73	15.22	14.53	14.26	13.26	12.86	12.82
210000	19.46	18.76	17.49	16.00	14.73	14.65	15.34	15.67	15.12	14.49	14.24	13.27	12.86	12.77
220000	19.44	18.66	17.26	15.77	14.71	14.66	15.36	15.63	15.09	14.51	14.21	13.25	12.87	12.75
230000	19.50	19.51	18.56	17.10	15.58	14.88	15.36	15.36	16.09	15.18	14.65	14.19	13.24	13.34
Daily Max	18.28	18.66	17.26	15.77	14.61	14.60	14.64	14.64	15.09	14.39	14.21	13.25	12.83	12.67
Daily Min	18.90	19.17	18.00	16.52	14.95	14.71	14.96	14.96	15.50	14.77	14.49	13.75	13.02	12.92
Average														

Peshigo Tailwater - Water Temperatures 2006



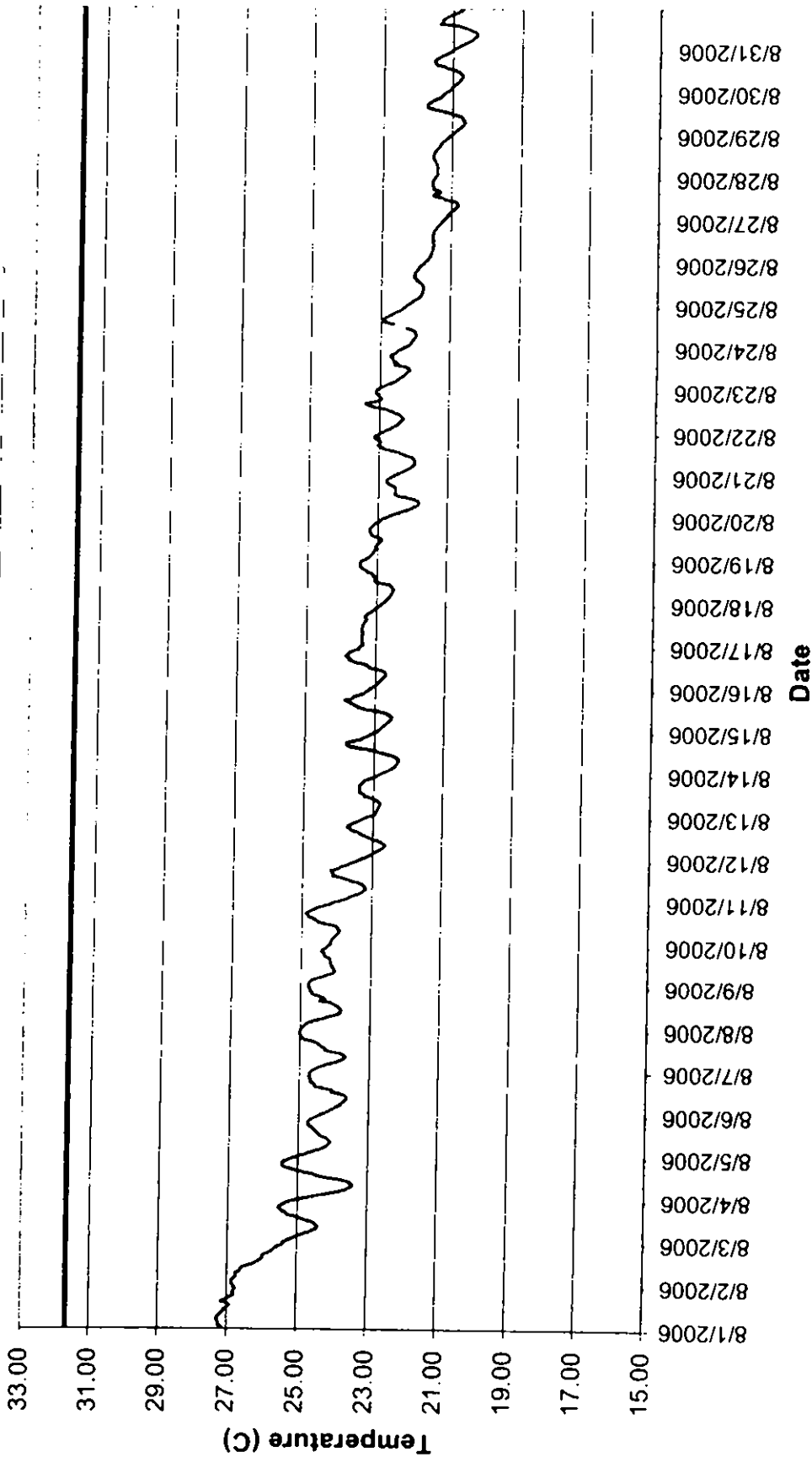
Peshtigo Tailwater - Water Temperatures 2006

— July — License Maximum Monthly Average

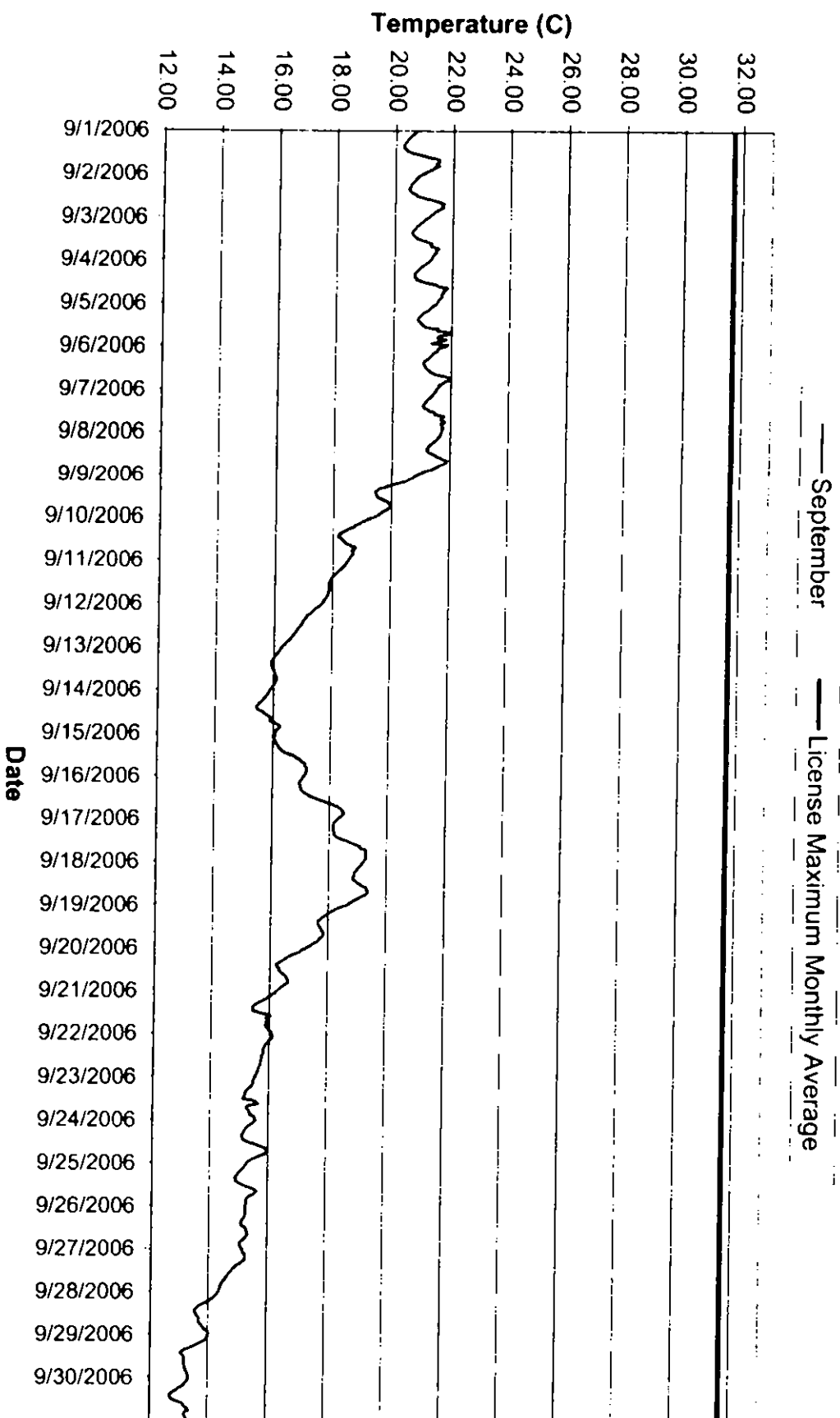


Peshtigo Tailwater - Water Temperatures 2006

— August — License Maximum Monthly Average



Peshtigo Tailwater - Water Temperatures 2006



Peshigo Tailwater Temperature Summary - June 2006

Time HHMMSS	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
0	23.94	23.44	22.89	22.12	21.92	21.89	20.68	21.51	21.83	21.05	20.42	20.32	19.73	19.33	19.71	20.22
10000	23.66	23.31	22.84	22.16	21.97	21.92	20.67	21.50	21.72	20.93	20.31	20.20	19.60	19.24	19.68	20.23
20000	23.32	23.07	22.75	22.18	22.01	21.96	20.66	21.49	21.66	20.78	20.20	20.04	19.48	19.18	19.53	20.16
30000	22.97	22.75	22.58	22.19	22.06	21.97	20.66	21.47	21.55	20.66	20.11	19.98	19.35	19.13	19.47	20.16
40000	22.64	22.37	22.40	22.16	22.08	22.05	20.66	21.42	21.41	20.52	20.01	19.90	19.29	19.10	19.38	20.22
50000	22.37	21.97	22.16	22.14	22.09	22.14	20.67	21.39	21.34	20.39	19.87	19.80	19.20	19.09	19.31	20.18
60000	22.14	21.63	21.93	22.05	22.08	22.19	20.65	21.35	21.24	20.27	19.71	19.73	19.12	19.06	19.24	20.24
70000	21.99	21.46	21.68	21.92	22.07	22.21	20.63	21.34	21.19	20.22	19.62	19.65	19.04	19.05	19.22	20.28
80000	21.88	21.43	21.51	21.77	22.08	22.23	20.64	21.38	21.18	20.23	19.57	19.65	19.02	19.04	19.29	20.35
90000	21.83	21.45	21.36	21.63	22.12	22.24	20.68	21.42	21.23	20.29	19.61	19.75	19.06	19.05	19.37	20.48
100000	21.86	21.51	21.35	21.60	22.19	22.14	20.76	21.57	21.32	20.44	19.68	19.91	19.19	19.06	19.49	20.59
110000	21.93	21.63	21.35	21.60	22.18	22.01	20.86	21.78	21.44	20.58	19.87	20.05	19.27	19.14	19.73	20.73
120000	21.97	21.85	21.43	21.38	22.30	21.86	21.06	22.17	21.56	20.78	20.26	20.15	19.38	19.26	19.80	20.87
130000	22.05	21.93	21.47	21.51	22.24	21.66	21.29	22.45	21.65	20.96	20.56	20.10	19.47	19.45	19.83	21.14
140000	22.23	22.10	21.63	21.71	22.09	21.45	21.27	22.69	21.78	21.20	20.73	20.15	19.53	19.80	20.01	21.39
150000	22.26	22.27	21.65	21.72	21.85	21.29	21.40	23.09	21.91	21.49	20.62	20.16	19.45	19.89	20.13	21.61
160000	22.49	22.37	21.87	21.83	21.64	21.13	21.54	23.11	22.00	21.46	20.60	20.21	19.55	19.94	20.31	21.79
170000	22.53	22.51	21.99	21.88	21.68	20.99	21.70	22.79	21.91	21.58	20.79	20.28	19.60	19.96	20.37	21.88
180000	22.73	22.65	22.04	21.97	21.89	20.92	21.67	22.54	21.88	21.63	20.92	20.25	19.67	19.82	20.43	21.98
190000	22.93	22.74	22.00	21.96	21.84	20.81	21.66	22.64	21.74	21.47	20.83	20.14	19.72	19.98	20.34	21.99
200000	23.10	22.86	22.02	22.01	21.92	20.73	21.61	22.57	21.59	21.17	20.80	20.05	19.74	20.13	20.40	22.09
210000	23.18	22.94	22.11	22.00	21.94	20.69	21.60	22.40	21.47	20.93	20.71	19.98	19.63	20.38	20.40	22.20
220000	23.31	22.95	22.07	21.96	21.85	20.68	21.60	22.17	21.30	20.71	20.60	19.95	19.53	20.32	20.36	22.18
230000	23.44	22.92	22.07	21.92	21.91	20.68	21.56	21.99	21.17	20.53	20.46	19.84	19.37	19.97	20.34	22.13
Daily Max	23.94	23.44	22.89	22.19	22.30	22.24	21.70	23.11	22.00	21.63	20.92	20.32	19.74	20.38	20.43	22.20
Daily Min	21.83	21.43	21.35	21.38	21.64	20.68	20.63	21.34	21.17	20.22	19.57	19.65	19.02	19.04	19.22	20.16
Average	22.61	22.34	21.96	21.89	22.00	21.58	21.09	22.01	21.54	20.84	20.29	20.01	19.42	19.52	19.84	21.05

Monthly average: 22.34
License Maximum: 31.67C

Peshigo Tailwater Temperature Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	22.11	23.96	24.33	24.40	24.05	24.02	23.66	23.10	22.56	21.35	21.05	21.40	21.20	21.97
10000	22.08	23.95	24.23	24.30	23.91	23.98	23.51	22.92	22.47	21.31	21.04	21.44	21.14	21.92
20000	22.04	23.92	24.13	24.20	23.79	23.85	23.36	22.85	22.38	21.27	21.01	21.38	21.06	21.90
30000	22.01	23.90	24.01	24.11	23.72	23.75	23.20	22.85	22.27	21.22	21.01	21.29	20.98	21.87
40000	21.97	23.88	23.92	23.98	23.63	23.69	23.07	22.67	22.13	21.15	20.97	21.18	20.93	21.82
50000	21.97	23.86	23.84	23.85	23.56	23.59	22.94	22.59	21.99	21.07	20.93	21.07	20.86	21.79
60000	21.89	23.86	23.76	23.77	23.52	23.55	22.78	22.56	21.85	20.98	20.87	20.98	20.81	21.84
70000	21.93	23.86	23.68	23.71	23.48	23.52	22.65	22.43	21.72	20.89	20.81	20.96	20.78	21.86
80000	21.97	23.92	23.68	23.67	23.47	23.51	22.54	22.27	21.64	20.84	20.79	20.97	20.78	21.90
90000	22.10	23.99	23.76	23.74	23.48	23.58	22.59	22.42	21.57	20.80	20.82	21.03	20.86	22.02
100000	22.23	24.04	23.88	23.80	23.57	23.66	22.64	22.46	21.53	20.78	20.86	21.10	20.98	22.19
110000	22.34	24.10	24.07	23.95	23.58	23.73	22.80	22.43	21.51	20.84	20.98	21.26	21.10	22.43
120000	22.57	24.18	24.33	24.07	23.73	23.87	22.94	22.48	21.48	20.90	21.06	21.36	21.26	22.60
130000	22.65	24.27	24.48	24.10	23.94	23.99	22.94	22.60	21.54	21.02	21.16	21.64	21.34	22.56
140000	22.89	24.38	24.78	24.23	24.31	24.09	23.05	22.74	21.62	21.07	21.29	21.67	21.58	22.83
150000	23.26	24.46	25.00	24.30	24.04	24.40	22.95	22.89	21.52	21.08	21.20	21.58	21.88	22.74
160000	23.45	24.59	24.97	24.46	23.99	24.64	22.66	22.84	21.55	21.23	21.20	21.52	21.85	22.79
170000	23.67	24.67	24.95	24.47	23.99	24.74	22.65	22.81	21.58	21.14	21.64	21.53	22.11	22.90
180000	23.94	24.59	25.09	24.48	24.16	24.63	22.73	22.66	21.54	20.99	21.38	21.56	21.68	22.66
190000	24.09	24.59	25.06	24.44	24.24	24.35	22.90	22.65	21.54	21.23	21.62	21.49	21.70	22.69
200000	24.17	24.68	24.87	24.50	24.25	24.33	22.84	22.70	21.51	21.17	21.79	21.49	21.64	22.71
210000	24.13	24.62	24.70	24.44	24.31	24.16	22.88	22.73	21.48	21.05	21.67	21.43	21.77	22.74
220000	24.05	24.54	24.57	24.32	24.29	23.95	22.94	22.68	21.43	21.11	21.81	21.37	21.79	22.71
230000	24.01	24.44	24.45	24.18	24.15	23.83	23.08	22.63	21.39	21.08	21.59	21.29	21.75	22.66
Daily Max	24.17	24.68	25.09	24.50	24.31	24.74	23.66	23.10	22.56	21.35	21.81	21.67	22.11	22.90
Daily Min	21.89	23.86	23.68	23.67	23.47	23.51	22.54	22.27	21.39	20.78	20.79	20.96	20.78	21.79
Average	22.81	24.22	24.36	24.14	23.88	23.98	22.93	22.67	21.74	21.07	21.19	21.33	21.33	22.34

Peshigo Tailwater Temperature Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0	22.57	23.12	24.20	24.39	24.07	23.75	23.67	23.73	23.73	23.30	23.25	23.43	25.23	25.60	26.48
10000	22.49	23.06	24.17	24.32	23.94	23.67	23.61	23.73	23.67	23.56	23.30	23.20	23.54	25.23	25.64	26.42
20000	22.43	22.96	24.09	24.28	23.84	23.61	23.54	23.55	23.60	23.40	23.23	23.12	23.55	25.23	25.59	26.56
30000	22.41	22.91	24.03	24.16	23.70	23.55	23.48	23.45	23.49	23.29	23.12	23.03	23.73	25.25	25.53	26.50
40000	22.42	22.85	23.97	23.98	23.62	23.48	23.38	23.35	23.39	23.19	23.03	22.93	23.81	25.26	25.42	26.42
50000	22.40	22.83	23.93	23.80	23.53	23.38	23.27	23.26	23.25	23.07	22.97	22.86	23.86	25.17	25.32	26.33
60000	22.41	22.77	23.88	23.73	23.44	23.30	23.25	23.18	23.26	22.91	22.89	22.79	23.93	25.16	25.29	26.27
70000	22.42	22.75	23.82	23.58	23.39	23.24	23.23	23.12	23.22	22.79	22.82	22.72	23.91	25.14	25.19	26.23
80000	22.41	22.78	23.87	23.45	23.33	23.22	23.27	23.07	23.20	22.74	22.78	22.68	23.91	25.12	25.19	26.19
90000	22.47	22.86	23.91	23.49	23.43	23.22	23.33	23.20	23.25	22.72	22.74	22.74	23.78	25.13	25.24	26.25
100000	22.55	22.97	23.97	23.62	23.51	23.33	23.37	23.29	23.31	22.74	22.72	22.75	23.94	25.05	25.39	26.26
110000	22.64	23.14	24.02	23.78	23.79	23.40	23.34	23.45	23.31	22.80	22.73	22.89	23.94	25.11	25.38	26.31
120000	22.74	23.28	24.15	23.92	24.04	23.61	23.55	23.67	23.40	22.97	22.81	23.37	23.89	25.06	25.44	26.48
130000	22.81	23.73	24.26	24.09	24.25	23.92	23.60	23.78	23.57	23.21	22.97	23.65	24.10	25.13	25.44	26.52
140000	23.05	24.09	24.28	24.24	24.35	23.85	23.99	23.85	23.79	23.50	23.12	23.68	24.02	25.16	25.59	26.55
150000	23.27	24.27	24.42	24.32	24.47	23.67	24.10	23.89	23.80	23.60	23.41	23.72	23.96	25.22	25.86	26.68
160000	23.28	24.29	24.45	24.48	24.48	23.90	23.98	23.93	24.42	23.22	23.57	23.44	23.98	25.35	26.47	26.72
170000	23.20	24.41	24.53	24.50	24.54	23.75	24.22	24.01	24.53	23.13	23.62	23.42	24.22	25.41	26.59	26.91
180000	23.34	24.46	24.61	24.44	24.53	24.04	23.99	23.94	24.47	23.15	23.54	23.46	24.39	25.49	26.62	27.00
190000	23.37	24.30	24.40	24.47	24.35	23.77	23.78	24.09	24.41	23.11	23.65	23.46	24.83	25.49	26.26	27.05
200000	23.35	24.33	24.50	24.37	24.23	23.78	24.08	24.13	24.38	23.17	23.54	23.43	25.06	25.47	26.11	27.21
210000	23.33	24.34	24.63	24.30	24.09	23.84	24.06	23.97	24.16	23.28	23.34	23.34	25.07	25.31	26.24	27.24
220000	23.25	24.28	24.47	24.18	23.98	23.86	24.01	23.91	24.07	23.37	23.32	23.40	25.26	25.33	26.47	27.25
230000	23.21	24.19	24.35	24.11	23.87	23.76	23.70	23.84	23.89	23.34	23.27	23.42	25.27	25.56	26.48	27.26
Daily Max	23.37	24.46	24.63	24.50	24.54	24.04	24.22	24.13	24.53	23.73	23.65	23.72	25.27	25.56	26.62	27.26
Daily Min	22.40	22.75	23.82	23.45	23.33	23.22	23.23	23.07	23.20	22.72	22.72	22.68	23.43	25.05	25.19	26.19
Average	22.83	23.54	24.20	24.08	23.95	23.62	23.66	23.64	23.73	23.17	23.16	23.20	24.14	25.25	25.76	26.63

Monthly average: 24.82
License Maximum: 31.67C

Peshitigo Tailwater Temperature Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	27.21	27.34	27.02	26.47	26.25	24.80	24.27	23.85	23.79	24.63	25.58	26.55	26.93	26.95	26.18
10000	27.18	27.25	26.98	26.41	26.16	24.73	24.17	23.81	23.73	24.55	25.67	26.51	26.78	26.99	26.15
20000	27.17	27.13	26.92	26.35	26.03	24.65	24.09	23.73	23.66	24.50	25.68	26.48	26.94	27.02	26.14
30000	27.10	27.05	26.83	26.29	25.92	24.57	24.01	23.62	23.58	24.21	25.71	26.35	26.81	27.03	26.10
40000	27.04	26.95	26.75	26.23	25.78	24.49	23.90	23.52	23.52	24.27	25.74	26.26	26.76	27.01	26.04
50000	26.96	26.83	26.66	26.16	25.64	24.40	23.81	23.42	23.47	24.32	25.73	26.15	26.62	26.96	25.98
60000	26.91	26.71	26.57	26.11	25.53	24.33	23.69	23.34	23.42	24.35	25.70	25.95	26.49	26.86	25.89
70000	26.83	26.63	26.49	26.05	25.41	24.27	23.57	23.29	23.40	24.34	25.65	25.75	26.45	26.73	25.81
80000	26.83	26.56	26.43	26.01	25.27	24.20	23.48	23.27	23.42	24.39	25.56	25.48	26.28	26.58	25.73
90000	26.89	26.58	26.43	26.01	25.16	24.20	23.44	23.32	23.48	24.49	25.53	25.48	26.09	26.35	25.73
100000	26.92	26.59	26.51	26.03	25.06	24.25	23.46	23.47	23.57	24.64	25.51	25.46	25.96	26.24	25.85
110000	27.01	26.71	26.53	26.18	25.04	24.32	23.49	23.58	23.58	24.69	25.52	25.55	25.78	26.17	25.93
120000	26.91	26.99	26.42	26.25	25.08	24.63	23.67	23.56	23.80	24.75	25.57	25.56	25.80	26.15	25.98
130000	27.21	27.32	26.42	26.42	25.09	24.80	23.71	23.67	24.00	24.99	25.72	25.57	25.92	26.19	26.08
140000	27.23	27.41	26.48	26.73	25.07	24.76	23.82	23.79	24.06	25.39	25.85	25.98	26.10	26.33	26.30
150000	27.30	27.36	26.54	27.20	25.06	24.97	23.72	23.77	23.97	25.65	25.95	26.10	26.21	26.37	26.64
160000	27.64	27.20	26.51	27.36	25.02	24.88	23.77	23.95	23.95	25.86	26.13	26.22	26.44	26.35	26.68
170000	28.05	27.03	26.50	27.28	25.02	24.71	23.84	23.85	23.96	25.90	26.28	26.42	26.50	26.32	26.70
180000	28.01	26.90	26.61	27.09	25.07	24.57	23.83	23.97	24.00	25.74	26.37	26.35	26.65	26.26	26.79
190000	27.98	26.94	26.65	26.97	25.09	24.60	23.81	23.98	24.12	25.73	26.51	26.49	26.78	26.29	26.97
200000	27.83	26.92	26.62	26.97	25.11	24.63	23.91	24.03	24.29	25.35	26.59	26.49	26.85	26.27	26.98
210000	27.68	26.95	26.60	26.86	25.07	24.52	23.91	24.04	24.44	25.31	26.63	26.67	26.84	26.26	27.05
220000	27.51	26.98	26.56	26.67	24.99	24.45	23.97	24.00	24.39	25.32	26.58	26.65	26.87	26.21	27.03
230000	27.42	27.04	26.52	26.44	24.90	24.38	23.90	23.91	24.73	25.41	26.55	26.87	26.90	26.20	27.11
Daily Max	28.05	27.41	27.02	27.36	26.25	24.97	24.27	24.04	24.73	25.90	26.63	26.87	26.94	27.03	27.11
Daily Min	26.83	26.56	26.42	26.01	24.90	24.20	23.44	23.27	23.40	24.21	25.51	25.46	25.78	26.15	25.73
Average	27.28	26.97	26.61	26.51	25.33	24.55	23.80	23.70	23.85	24.95	25.93	26.14	26.49	26.50	26.33

Peshigo Tailwater Temperature Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	27.13	26.82	25.40	25.16	25.12	24.42	24.68	24.98	24.77	24.23	24.08	23.37	23.20	22.84	22.97	23.18
10000	27.19	26.85	25.33	24.95	24.96	24.30	24.63	24.93	24.77	24.15	23.91	23.26	23.07	22.73	22.90	23.09
20000	27.24	26.87	25.22	24.71	24.79	24.17	24.52	24.89	24.76	24.15	23.76	23.16	22.96	22.63	22.83	23.03
30000	27.25	26.85	25.07	24.43	24.62	24.06	24.42	24.81	24.73	24.13	23.62	23.05	22.92	22.50	22.76	22.96
40000	27.26	26.80	24.95	24.15	24.48	23.97	24.28	24.72	24.67	24.10	23.50	22.97	22.90	22.42	22.70	22.91
50000	27.29	26.75	24.85	23.89	24.35	23.89	24.12	24.56	24.54	24.05	23.38	22.87	22.88	22.39	22.65	22.86
60000	27.26	26.75	24.85	23.89	24.35	23.89	24.12	24.56	24.54	24.05	23.38	22.87	22.88	22.39	22.65	22.86
70000	27.22	26.74	24.54	23.53	24.16	23.74	23.82	24.36	24.39	23.98	23.29	22.78	22.84	22.35	22.58	22.81
80000	27.15	26.64	24.45	23.44	24.10	23.68	23.72	24.15	24.22	23.94	23.20	22.69	22.82	22.32	22.54	22.74
90000	27.11	26.62	24.41	23.43	24.09	23.64	23.68	23.96	24.09	23.91	23.18	22.64	22.82	22.32	22.50	22.70
100000	27.08	26.57	24.46	23.48	24.14	23.64	23.73	23.84	24.04	23.98	23.22	22.66	22.85	22.31	22.54	22.71
110000	27.03	26.45	24.46	23.48	24.14	23.64	23.73	23.84	24.04	23.98	23.22	22.66	22.85	22.31	22.54	22.71
120000	26.96	26.29	24.50	23.61	24.20	23.70	23.84	23.84	24.06	24.06	23.38	22.76	22.96	22.39	22.62	22.75
130000	26.92	26.18	24.75	23.83	24.31	23.84	24.09	23.90	24.09	24.31	23.58	22.88	22.96	22.54	22.76	22.86
140000	27.03	26.07	24.94	24.19	24.39	24.07	24.28	23.93	24.09	24.52	23.70	23.03	23.23	22.74	23.00	23.12
150000	27.17	25.98	24.94	24.47	24.45	24.07	24.28	24.06	24.15	24.60	23.92	23.14	23.27	22.90	23.29	23.20
160000	26.99	25.98	25.02	24.60	24.48	24.33	24.37	24.12	24.14	24.67	24.13	23.27	23.39	23.16	23.47	23.28
170000	26.95	25.98	25.34	24.82	24.55	24.53	24.44	24.45	24.17	24.80	24.12	23.37	23.41	23.44	23.57	23.50
180000	26.82	25.89	25.42	25.07	24.67	24.56	24.50	24.38	24.17	24.85	24.15	23.44	23.41	23.82	23.66	23.66
190000	26.83	25.76	25.48	25.42	24.71	24.62	24.64	24.38	24.31	24.85	24.18	23.62	23.41	23.82	23.76	23.78
200000	26.83	25.70	25.54	25.46	24.73	24.69	24.85	24.52	24.34	24.76	23.98	23.75	23.35	23.80	23.87	23.87
210000	26.80	25.64	25.51	25.46	24.70	24.67	24.93	24.67	24.34	24.68	23.93	23.68	23.32	23.39	23.64	23.82
220000	26.76	25.56	25.44	25.39	24.64	24.70	24.97	24.68	24.42	24.56	23.75	23.56	23.22	23.28	23.43	23.75
230000	26.79	25.41	25.33	25.26	24.54	24.70	25.00	24.74	24.39	24.40	23.65	23.42	23.09	23.19	23.32	23.62
Daily Max	27.29	26.87	25.54	25.46	25.12	24.71	25.00	24.98	24.77	24.89	24.18	23.75	23.41	23.82	23.87	23.87
Daily Min	26.76	25.41	24.41	23.43	24.09	23.64	23.68	23.84	24.03	23.91	23.18	22.64	22.82	22.28	22.50	22.70
Average	27.04	26.30	25.02	24.49	24.50	24.19	24.37	24.39	24.33	24.33	23.68	23.18	23.11	22.91	23.09	23.23

Monthly average: 23.20
License Maximum: 31.67C

Peshtigo Tailwater Temperature Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	23.46	22.86	23.45	22.86	22.61	23.02	23.11	22.40	22.29	21.82	21.24	21.49	21.05	21.22	21.01
10000	23.38	22.79	23.34	22.73	22.53	22.93	23.10	22.31	22.23	21.76	21.20	21.45	20.98	21.13	20.93
20000	23.38	22.74	23.26	22.62	22.41	22.81	23.00	22.21	22.16	21.70	21.15	21.41	20.91	21.08	20.84
30000	23.39	22.67	23.21	22.45	22.28	22.67	22.86	22.13	22.06	21.65	21.10	21.42	20.85	21.02	20.75
40000	23.40	22.62	23.15	22.32	22.17	22.59	22.76	22.10	22.00	21.62	21.06	21.43	20.79	20.98	20.64
50000	23.41	22.59	23.12	22.17	22.09	22.52	22.65	22.07	21.93	21.59	21.00	21.43	20.74	20.92	20.53
60000	23.39	22.57	23.09	22.06	22.03	22.45	22.54	22.03	21.87	21.58	20.93	21.43	20.68	20.85	20.45
70000	23.38	22.54	23.06	21.92	21.97	22.39	22.46	21.98	21.83	21.55	20.88	21.43	20.65	20.79	20.38
80000	23.38	22.51	23.06	21.84	21.96	22.33	22.39	21.99	21.82	21.53	20.82	21.44	20.64	20.75	20.31
90000	23.39	22.53	23.03	21.83	21.97	22.31	22.32	21.99	21.80	21.52	20.82	21.47	20.70	20.72	20.31
100000	23.40	22.59	22.99	21.86	21.99	22.38	22.26	22.02	21.78	21.50	20.83	21.51	20.71	20.72	20.34
110000	23.39	22.65	22.93	21.96	22.05	22.42	22.20	22.09	21.79	21.51	20.91	21.54	20.79	20.76	20.44
120000	23.38	22.99	22.87	22.14	22.21	22.56	22.15	22.23	21.81	21.52	21.17	21.55	20.97	20.83	20.54
130000	23.36	23.08	22.91	22.41	22.32	22.66	22.16	22.63	21.83	21.51	21.23	21.54	21.09	20.93	20.70
140000	23.33	23.04	23.10	22.54	22.45	22.83	22.29	22.63	21.91	21.52	21.52	21.52	21.32	21.18	20.87
150000	23.29	23.07	23.18	22.51	22.67	23.12	22.58	22.80	21.97	21.54	21.51	21.48	21.57	21.24	21.39
160000	23.28	23.13	23.20	22.51	22.85	23.27	22.51	22.97	22.01	21.54	21.32	21.45	21.74	21.46	21.29
170000	23.33	23.13	23.24	22.52	22.97	23.41	22.61	22.91	22.07	21.51	21.38	21.39	21.72	21.51	21.31
180000	23.29	23.28	23.23	22.50	23.04	23.20	22.62	22.84	22.03	21.51	21.53	21.34	21.71	21.53	21.26
190000	23.23	23.30	23.21	22.59	22.98	23.02	22.64	22.73	22.04	21.48	21.50	21.35	21.62	21.52	21.18
200000	23.14	23.39	23.15	22.69	22.96	22.94	22.70	22.66	22.00	21.42	21.55	21.29	21.57	21.41	21.08
210000	23.07	23.48	23.09	22.76	23.07	23.00	22.66	22.54	21.96	21.40	21.55	21.22	21.43	21.32	20.93
220000	23.00	23.49	23.01	22.77	23.13	23.06	22.54	22.43	21.93	21.35	21.55	21.16	21.32	21.20	20.81
230000	22.93	23.48	22.94	22.71	23.12	23.11	22.50	22.38	21.89	21.29	21.53	21.11	21.28	21.12	20.74
Daily Max	23.46	23.49	23.45	22.86	23.13	23.41	23.11	22.97	22.29	21.82	21.55	21.55	21.74	21.53	21.39
Daily Min	22.93	22.51	22.87	21.83	21.96	22.31	22.15	21.98	21.78	21.29	20.82	21.11	20.64	20.72	20.31
Average	23.31	22.94	23.12	22.39	22.49	22.79	22.57	22.37	21.96	21.54	21.22	21.41	21.12	21.09	20.79

Missing data on 8/24 due to equipment change.

Peshúgo Tailwater Temperature Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0 20.70	20.90	21.10	21.19	21.42	21.70	21.48	21.66	20.80	19.34	18.50	17.61	16.28	15.86	16.07	17.08
10000	20.65	20.79	21.02	21.13	21.33	21.50	21.43	21.64	20.72	19.18	18.46	17.55	16.23	15.84	16.08	17.04
20000	20.57	20.72	20.94	21.03	21.26	21.53	21.38	21.61	20.60	19.02	18.42	17.43	16.19	15.80	16.01	17.01
30000	20.49	20.68	20.86	20.94	21.20	21.38	21.35	21.54	20.52	18.90	18.37	17.36	16.15	15.76	16.03	16.95
40000	20.42	20.61	20.79	20.87	21.09	21.33	21.28	21.47	20.33	18.77	18.31	17.31	16.10	15.71	16.08	16.94
50000	20.39	20.56	20.71	20.81	21.00	21.27	21.21	21.39	20.12	18.67	18.25	17.24	16.04	15.66	16.10	16.96
60000	20.34	20.53	20.68	20.75	20.92	21.21	21.16	21.33	19.92	18.55	18.17	17.14	16.01	15.61	16.15	16.99
70000	20.28	20.49	20.63	20.70	20.88	21.11	21.12	21.25	19.78	18.43	18.10	17.12	15.96	15.54	16.18	16.98
80000	20.26	20.47	20.59	20.68	20.84	21.05	21.07	21.21	19.59	18.32	18.04	17.07	15.48	15.44	16.22	17.01
90000	20.28	20.50	20.62	20.70	20.83	21.04	21.05	21.20	19.50	18.21	17.99	17.02	15.91	15.44	16.28	17.08
100000	20.37	20.56	20.68	20.77	20.91	21.09	21.09	21.23	19.43	18.17	17.94	16.97	15.91	15.43	16.35	17.18
110000	20.43	20.69	20.77	20.87	20.96	21.10	21.18	21.34	19.45	18.23	17.92	16.96	15.94	15.50	16.45	17.30
120000	20.59	20.78	20.91	21.12	21.01	21.16	21.28	21.46	19.48	18.31	17.88	16.91	15.97	15.64	16.67	17.43
130000	20.88	21.01	21.08	21.43	21.09	21.24	21.44	21.56	19.53	18.37	17.88	16.87	16.00	15.69	16.79	17.59
140000	21.10	21.24	21.26	21.52	21.53	21.33	21.45	21.71	19.65	18.42	17.88	16.81	16.02	15.78	16.87	17.78
150000	21.42	21.48	21.22	21.83	21.50	21.46	21.75	21.89	19.79	18.54	17.89	16.77	16.04	15.90	17.00	17.95
160000	21.49	21.66	21.34	21.74	21.95	21.74	21.67	21.85	19.91	18.73	17.90	16.74	16.07	15.89	17.02	18.14
170000	21.47	21.62	21.52	21.69	21.86	21.99	21.68	21.74	19.96	18.77	17.86	16.68	16.12	15.88	17.15	18.28
180000	21.38	21.65	21.41	21.65	21.55	22.01	21.80	21.62	19.97	18.65	17.85	16.63	16.10	16.02	17.12	18.39
190000	21.49	21.56	21.44	21.63	21.50	21.76	21.66	21.52	19.91	18.68	17.83	16.58	16.07	16.17	17.18	18.44
200000	21.33	21.43	21.35	21.63	21.79	21.69	21.69	21.39	19.81	18.68	17.80	16.53	16.05	16.25	17.19	18.48
210000	21.26	21.34	21.33	21.56	21.54	21.57	21.73	21.23	19.69	18.63	17.73	16.45	16.01	16.22	17.21	18.48
220000	21.12	21.25	21.28	21.53	21.31	21.59	21.71	21.07	19.60	18.58	17.70	16.39	15.97	16.10	17.15	18.41
230000	21.02	21.17	21.26	21.48	21.87	21.50	21.68	20.91	19.50	18.55	17.67	16.34	15.91	16.11	17.15	18.35
Daily Max	21.49	21.66	21.52	21.83	21.95	22.01	21.80	21.89	20.80	19.34	18.50	17.61	16.28	16.25	17.21	18.48
Daily Min	20.26	20.47	20.59	20.68	20.83	21.04	21.05	20.91	19.43	18.17	17.67	16.34	15.91	15.43	16.01	16.94
Average	20.82	20.99	21.03	21.22	21.30	21.43	21.43	21.45	19.90	18.61	18.01	16.94	16.04	15.80	16.60	17.59

Monthly average: 17.64
License Maximum: 31.67C

Peshúgo Tailwater Temperature Summary - September 2006

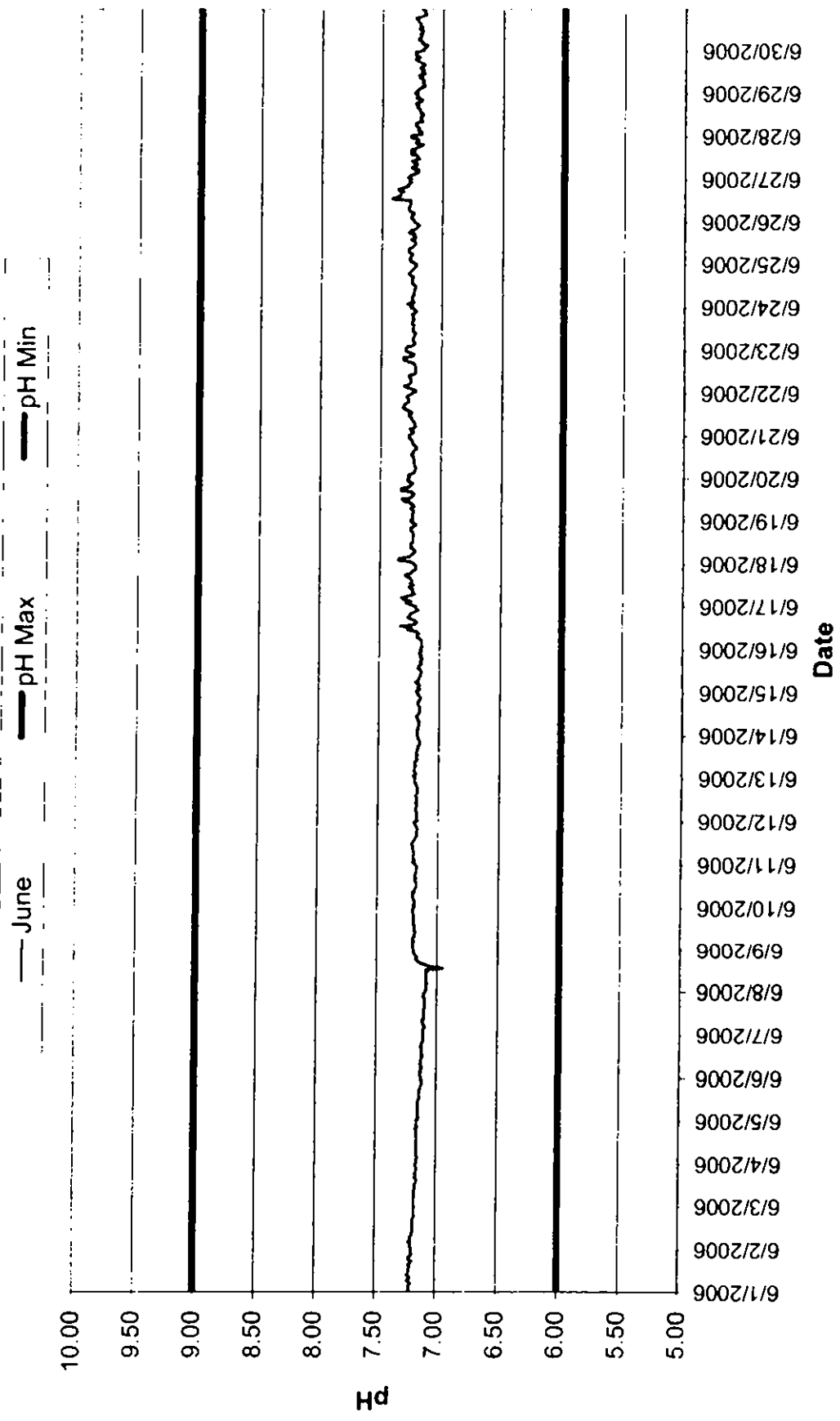
Time HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	18.27	19.18	18.58	17.23	16.23	16.09	15.53	15.57	15.30	15.25	15.13	14.33	13.99	13.32
10000	18.22	19.13	18.41	17.10	16.18	16.12	15.50	15.54	15.27	15.24	15.15	14.29	13.98	13.30
20000	18.16	19.08	18.25	17.01	16.08	16.12	15.48	15.46	15.21	15.25	15.19	14.23	13.93	13.26
30000	18.15	19.01	18.15	16.85	15.98	16.05	15.47	15.36	15.16	15.25	15.15	14.16	13.87	13.20
40000	18.13	18.98	18.06	16.73	15.89	15.97	15.46	15.26	15.10	15.25	15.27	14.08	13.75	13.14
50000	18.14	18.92	17.95	16.61	15.79	15.92	15.42	15.24	15.04	15.24	15.25	13.99	13.63	13.05
60000	18.16	18.88	17.86	16.51	15.66	15.88	15.34	15.20	14.98	15.23	15.23	13.88	13.50	12.95
70000	18.16	18.88	17.78	16.40	15.57	15.85	15.29	15.17	14.94	15.19	15.15	13.75	13.37	12.87
80000	18.17	18.85	17.70	16.29	15.49	15.81	15.23	15.11	14.90	15.13	15.08	13.65	13.21	12.77
90000	18.19	18.82	17.64	16.21	15.43	15.80	15.21	15.10	14.90	15.10	14.96	13.56	13.10	12.70
100000	18.28	18.88	17.63	16.24	15.42	15.80	15.20	15.12	14.91	15.10	14.90	13.53	13.05	12.69
110000	18.42	18.96	17.66	16.32	15.44	15.79	15.16	15.15	14.98	15.13	14.83	13.54	13.11	12.73
120000	18.57	19.06	17.70	16.32	15.66	15.76	15.12	15.27	15.11	15.25	14.79	13.57	13.17	12.82
130000	18.73	19.15	17.75	16.36	15.89	15.75	15.49	15.47	15.25	15.28	14.73	13.60	13.18	12.99
140000	18.89	19.28	17.78	16.45	16.05	15.74	15.58	15.65	15.42	15.30	14.68	13.67	13.18	13.14
150000	19.06	19.31	17.83	16.51	15.88	15.73	15.66	15.82	15.57	15.32	14.64	13.68	13.18	13.17
160000	19.06	19.34	17.83	16.57	15.98	15.71	15.31	15.92	15.63	15.34	14.59	13.66	13.18	13.23
170000	19.25	19.34	17.82	16.59	15.89	15.72	15.24	15.96	15.57	15.29	14.56	13.70	13.19	13.30
180000	19.29	19.25	17.74	16.64	16.00	15.68	15.31	15.99	15.50	15.24	14.49	13.76	13.20	13.35
190000	19.25	19.12	17.69	16.64	15.84	15.66	15.34	15.91	15.37	15.16	14.46	13.80	13.22	13.23
200000	19.29	19.00	17.63	16.53	15.93	15.63	15.38	15.72	15.30	15.09	14.43	13.85	13.25	13.18
210000	19.27	18.91	17.51	16.46	15.94	15.62	15.39	15.58	15.28	15.07	14.40	13.90	13.28	13.22
220000	19.27	18.80	17.41	16.39	16.00	15.59	15.51	15.46	15.28	15.07	14.38	13.99	13.31	13.24
230000	19.22	18.70	17.34	16.31	16.07	15.56	15.55	15.36	15.27	15.10	14.36	14.01	13.33	13.25
Daily Max	19.29	19.34	18.58	17.23	16.23	16.12	15.66	15.99	15.63	15.34	15.27	14.33	13.99	13.35
Daily Min	18.13	18.70	17.34	16.21	15.42	15.56	15.12	15.10	14.90	15.07	14.36	13.53	13.05	12.69
Average	18.65	19.03	17.82	16.55	15.85	15.81	15.38	15.47	15.22	15.20	14.83	13.84	13.38	13.09

APPENDIX C

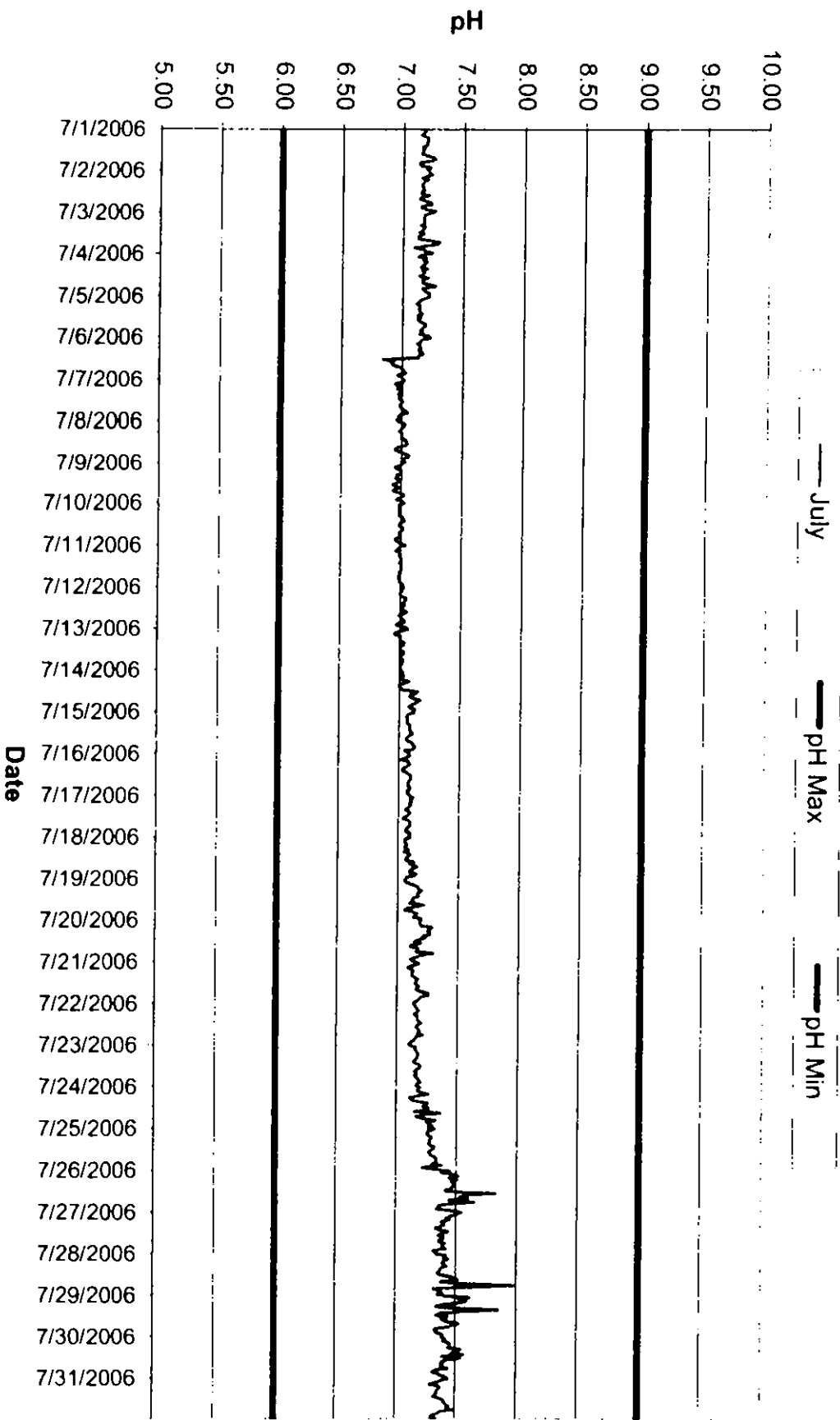
pH MONITORING DATA

PESHTIGO RIVER HYDROELECTRIC PROJECTS

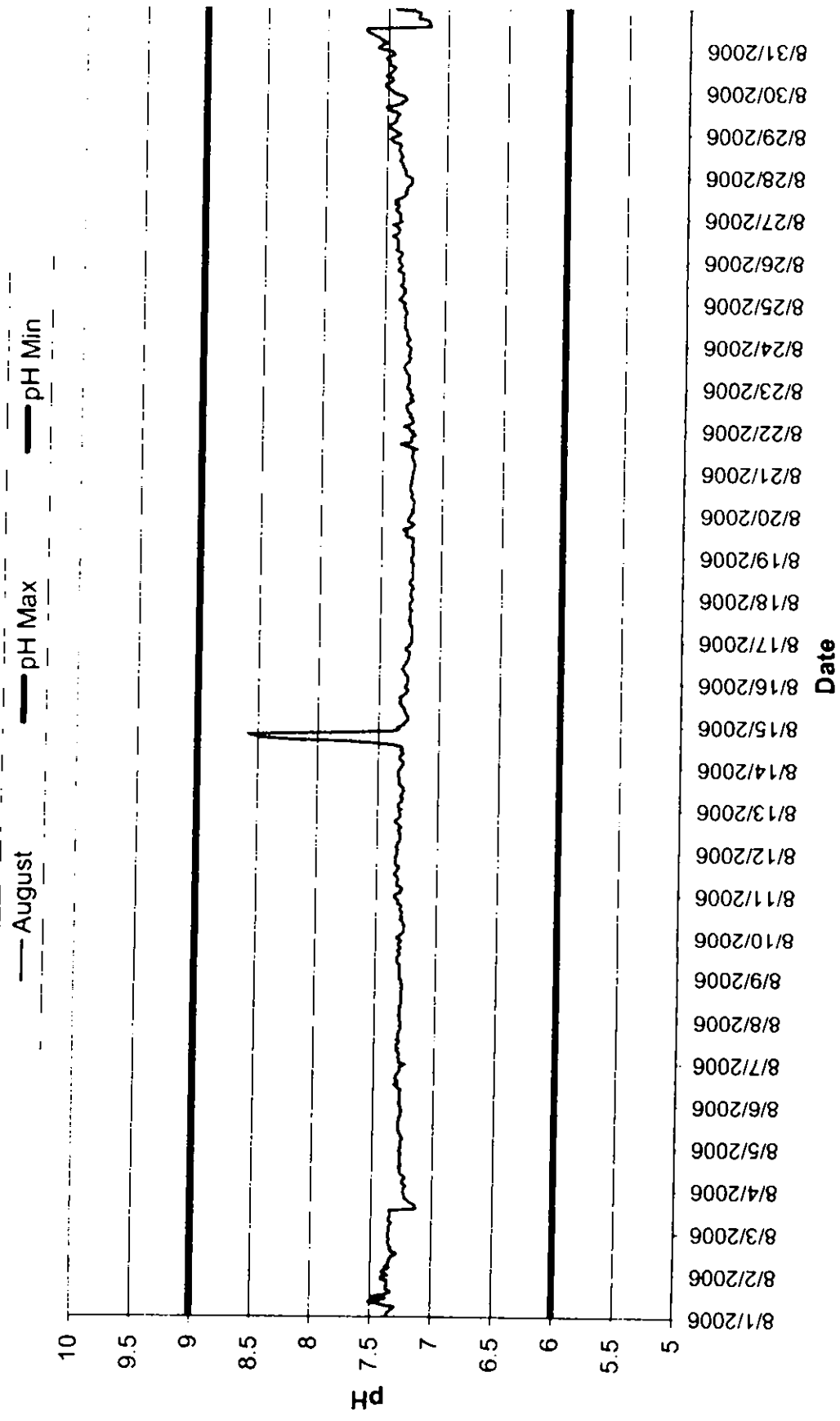
Caldron Falls Headwater pH Summary - June 2006



Caldron Falls Headwater pH Summary - July 2006

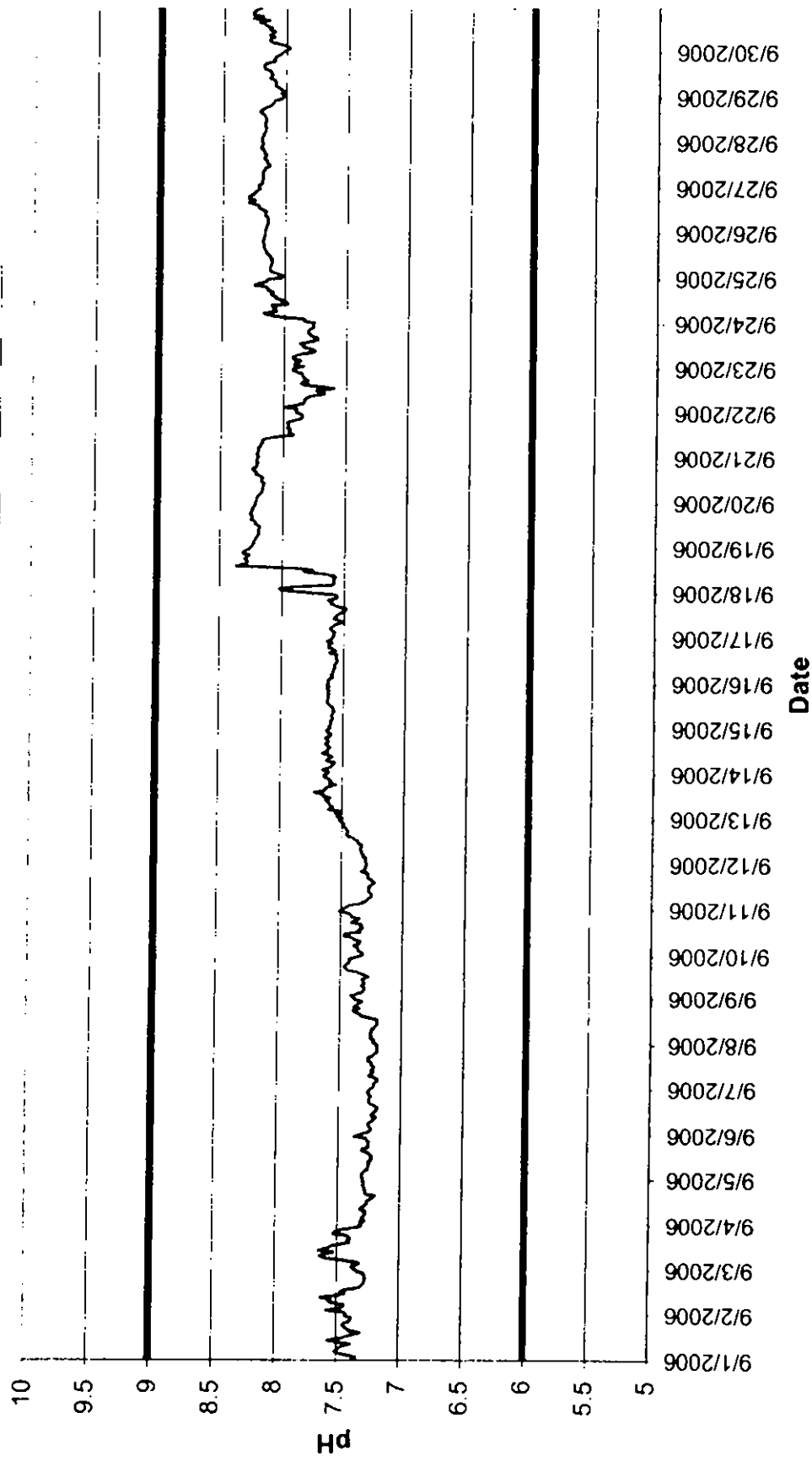


Caldron Falls Headwater pH Summary - August 2006



Caldron Falls Headwater pH Summary - September 2006

September pH Max pH Min



Caldron Falls Headwater pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7 21	7 20	7 18	7 16	7 13	7 11	7 09	7 20	7 19	7 19	7 17	7 19	7 18	7 18	7 16
10000	7 22	7 20	7 18	7 16	7 14	7 13	7 11	7 09	7 20	7 20	7 21	7 18	7 21	7 18	7 19	7 15
20000	7 21	7 20	7 18	7 16	7 15	7 13	7 11	7 09	7 20	7 19	7 19	7 18	7 19	7 18	7 16	7 15
30000	7 22	7 20	7 18	7 15	7 15	7 13	7 10	7 09	7 20	7 19	7 20	7 18	7 19	7 18	7 18	7 15
40000	7 20	7 22	7 18	7 16	7 15	7 13	7 10	7 08	7 21	7 20	7 20	7 18	7 20	7 17	7 16	7 15
50000	7 21	7 20	7 18	7 16	7 15	7 12	7 10	7 09	7 19	7 20	7 20	7 18	7 20	7 17	7 17	7 15
60000	7 23	7 21	7 17	7 16	7 15	7 12	7 11	7 09	7 21	7 21	7 20	7 19	7 20	7 17	7 17	7 16
70000	7 21	7 20	7 18	7 16	7 15	7 13	7 11	7 09	7 20	7 20	7 20	7 19	7 19	7 17	7 17	7 19
80000	7 21	7 19	7 17	7 16	7 15	7 13	7 10	7 09	7 19	7 21	7 21	7 18	7 20	7 16	7 17	7 19
90000	7 23	7 19	7 17	7 16	7 15	7 13	7 11	7 09	7 19	7 19	7 21	7 18	7 20	7 18	7 17	7 19
100000	7 22	7 19	7 17	7 16	7 15	7 12	7 11	7 08	7 18	7 19	7 22	7 18	7 18	7 16	7 17	7 19
110000	7 22	7 19	7 17	7 16	7 15	7 12	7 10	7 08	7 19	7 18	7 22	7 18	7 18	7 16	7 15	7 27
120000	7 22	7 19	7 17	7 16	7 14	7 11	7 11	7 09	7 19	7 18	7 21	7 18	7 19	7 17	7 15	7 24
130000	7 21	7 19	7 16	7 16	7 14	7 12	7 10	6 95	7 19	7 18	7 20	7 18	7 17	7 16	7 16	7 33
140000	7 21	7 19	7 16	7 16	7 14	7 12	7 11	7 05	7 19	7 18	7 20	7 19	7 19	7 16	7 18	7 21
150000	7 22	7 19	7 16	7 16	7 14	7 12	7 10	7 10	7 20	7 19	7 18	7 18	7 18	7 16	7 17	7 19
160000	7 20	7 19	7 17	7 16	7 14	7 12	7 10	7 14	7 19	7 18	7 17	7 17	7 18	7 16	7 15	7 20
170000	7 19	7 18	7 16	7 16	7 14	7 13	7 10	7 16	7 20	7 19	7 18	7 18	7 17	7 17	7 16	7 24
180000	7 22	7 17	7 17	7 16	7 13	7 12	7 10	7 18	7 19	7 19	7 18	7 17	7 17	7 18	7 15	7 27
190000	7 22	7 18	7 16	7 17	7 13	7 12	7 10	7 17	7 20	7 18	7 17	7 18	7 16	7 17	7 14	7 25
200000	7 20	7 18	7 16	7 15	7 12	7 11	7 10	7 17	7 20	7 18	7 18	7 18	7 16	7 16	7 16	7 25
210000	7 19	7 18	7 16	7 16	7 12	7 11	7 11	7 19	7 20	7 18	7 18	7 19	7 16	7 15	7 15	7 21
220000	7 20	7 18	7 16	7 16	7 12	7 11	7 11	7 19	7 21	7 17	7 19	7 20	7 17	7 16	7 17	7 18
230000	7 19	7 17	7 17	7 16	7 12	7 11	7 10	7 20	7 20	7 18	7 20	7 20	7 17	7 18	7 15	7 20
Daily Max	7 23	7 22	7 18	7 17	7 16	7 13	7 12	7 20	7 21	7 21	7 22	7 20	7 21	7 19	7 20	7 33
Daily Min	7 19	7 17	7 16	7 15	7 12	7 11	7 10	6 95	7 18	7 17	7 17	7 17	7 16	7 15	7 14	7 15
Average	7 21	7 19	7 17	7 16	7 14	7 12	7 11	7 11	7 20	7 19	7 20	7 18	7 18	7 17	7 16	7 20

Liscense maximum pH 9
Liscense minimum pH 6

Caldron Falls Headwater pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	7.20	7.22	7.25	7.26	7.27	7.24	7.3	7.26	7.21	7.23	7.26	7.27	7.24	7.16
10000	7.24	7.24	7.23	7.27	7.24	7.21	7.3	7.24	7.23	7.24	7.29	7.17	7.21	7.16
20000	7.28	7.35	7.24	7.26	7.23	7.23	7.29	7.29	7.26	7.26	7.26	7.18	7.21	7.14
30000	7.24	7.34	7.23	7.22	7.25	7.28	7.23	7.23	7.27	7.26	7.23	7.21	7.18	7.13
40000	7.30	7.26	7.24	7.22	7.26	7.31	7.22	7.25	7.27	7.24	7.2	7.19	7.15	7.18
50000	7.32	7.24	7.22	7.21	7.21	7.27	7.23	7.25	7.25	7.24	7.2	7.21	7.16	7.17
60000	7.27	7.22	7.23	7.22	7.22	7.26	7.24	7.23	7.25	7.27	7.26	7.23	7.17	7.21
70000	7.21	7.21	7.25	7.22	7.22	7.25	7.24	7.23	7.28	7.28	7.24	7.23	7.16	7.19
80000	7.23	7.22	7.22	7.22	7.23	7.25	7.23	7.24	7.28	7.28	7.21	7.17	7.17	7.18
90000	7.23	7.25	7.23	7.23	7.24	7.25	7.22	7.23	7.27	7.27	7.24	7.18	7.2	7.19
100000	7.23	7.24	7.25	7.22	7.25	7.27	7.22	7.23	7.24	7.27	7.26	7.19	7.2	7.17
110000	7.26	7.25	7.3	7.23	7.26	7.22	7.24	7.22	7.23	7.27	7.19	7.17	7.15	7.17
120000	7.22	7.23	7.32	7.23	7.27	7.21	7.24	7.22	7.22	7.26	7.21	7.16	7.18	7.2
130000	7.25	7.23	7.25	7.25	7.24	7.22	7.24	7.23	7.22	7.42	7.22	7.19	7.16	7.17
140000	7.23	7.23	7.23	7.23	7.27	7.22	7.23	7.25	7.26	7.37	7.27	7.19	7.17	7.19
150000	7.24	7.23	7.22	7.23	7.3	7.22	7.25	7.25	7.22	7.35	7.23	7.2	7.17	7.19
160000	7.25	7.22	7.24	7.21	7.32	7.22	7.25	7.25	7.24	7.35	7.27	7.22	7.15	7.21
170000	7.28	7.23	7.33	7.2	7.31	7.24	7.23	7.24	7.23	7.32	7.22	7.2	7.18	7.21
180000	7.29	7.23	7.33	7.21	7.3	7.28	7.24	7.26	7.28	7.37	7.2	7.23	7.21	7.23
190000	7.24	7.25	7.26	7.23	7.27	7.32	7.24	7.28	7.26	7.33	7.16	7.18	7.23	7.18
200000	7.23	7.25	7.25	7.24	7.27	7.32	7.25	7.26	7.22	7.28	7.23	7.17	7.19	7.14
210000	7.20	7.22	7.23	7.24	7.28	7.24	7.22	7.25	7.21	7.29	7.2	7.22	7.22	7.15
220000	7.21	7.20	7.27	7.25	7.29	7.23	7.21	7.23	7.19	7.26	7.21	7.21	7.23	7.15
230000	7.20	7.23	7.28	7.27	7.26	7.27	7.23	7.22	7.21	7.28	7.26	7.21	7.23	7.17
Daily Max	7.32	7.35	7.33	7.27	7.32	7.32	7.30	7.29	7.28	7.42	7.29	7.27	7.24	7.23
Daily Min	7.20	7.20	7.22	7.20	7.21	7.21	7.21	7.22	7.19	7.23	7.16	7.16	7.15	7.13
Average	7.24	7.24	7.25	7.23	7.26	7.25	7.24	7.24	7.24	7.29	7.23	7.20	7.19	7.18

Caldron Falls Headwater pH Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06
HHMMSS	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06
0	7 18	7 21	7 23	7 18	7 22	7 23	7 02	6 98	7 01	7 03	7 04	7 03	7 07	7 01	7 12
10000	7 18	7 21	7 18	7 12	7 18	7 16	7 01	7 02	6 99	6 98	6 99	7 02	7 01	7 03	7 07
20000	7 16	7 23	7 17	7 19	7 14	7 15	6 94	7 03	6 95	6 99	6 99	7 02	6 96	7 02	7 06
30000	7 14	7 20	7 17	7 16	7 13	7 12	6 96	7 01	6 96	6 98	6 96	7 00	6 96	7 04	7 07
40000	7 18	7 15	7 17	7 20	7 11	7 14	6 98	7 00	7 00	6 99	6 99	7 00	7 01	7 01	7 07
50000	7 20	7 20	7 17	7 18	7 14	7 14	6 96	6 98	7 00	6 99	7 00	7 01	7 00	7 02	7 07
60000	7 20	7 17	7 17	7 17	7 14	7 15	6 99	7 00	7 00	6 99	6 99	7 05	7 00	7 08	7 07
70000	7 19	7 16	7 14	7 14	7 13	7 13	7 00	7 00	6 96	6 99	7 00	7 05	7 02	7 05	7 09
80000	7 19	7 15	7 18	7 20	7 14	7 16	6 97	7 00	6 97	7 02	7 01	7 04	7 04	7 00	7 09
90000	7 19	7 16	7 17	7 16	7 14	7 17	6 98	7 00	6 95	7 02	7 00	7 02	7 03	7 00	7 09
100000	7 15	7 16	7 16	7 18	7 16	7 13	6 98	7 04	6 98	7 03	6 99	7 04	7 01	7 01	7 09
110000	7 17	7 17	7 13	7 16	7 12	7 13	6 98	7 04	6 99	7 00	7 01	7 03	7 00	7 03	7 10
120000	7 16	7 14	7 17	7 13	7 15	6 84	7 00	7 05	6 96	6 98	7 01	7 02	7 01	7 15	7 11
130000	7 15	7 15	7 13	7 21	7 12	6 93	7 01	7 04	6 93	6 99	7 01	7 02	7 04	7 13	7 09
140000	7 15	7 21	7 12	7 16	7 13	6 91	6 99	6 97	6 96	7 02	7 01	7 06	7 03	7 09	7 07
150000	7 19	7 14	7 13	7 16	7 15	6 92	6 98	6 95	6 99	7 02	6 99	7 03	7 00	7 09	7 06
160000	7 24	7 13	7 24	7 16	7 19	6 96	6 99	6 95	6 94	7 01	7 00	6 99	7 01	7 12	7 07
170000	7 26	7 17	7 30	7 23	7 19	6 99	7 01	6 99	6 93	6 98	6 99	7 01	7 02	7 17	7 10
180000	7 23	7 22	7 28	7 27	7 17	7 01	7 03	7 03	6 99	7 00	6 98	7 02	7 03	7 14	7 11
190000	7 13	7 23	7 19	7 16	7 16	7 00	7 05	7 06	7 02	7 00	6 99	7 04	7 02	7 12	7 12
200000	7 13	7 15	7 09	7 17	7 14	7 03	6 99	7 06	7 02	6 96	6 99	7 04	7 02	7 09	7 13
210000	7 14	7 15	7 17	7 19	7 16	6 96	6 97	7 02	6 98	6 96	6 99	6 97	7 01	7 08	7 12
220000	7 22	7 19	7 18	7 22	7 14	6 99	6 98	7 01	6 96	6 97	7 02	6 98	7 01	7 13	7 05
230000	7 19	7 26	7 24	7 22	7 21	7 00	6 96	7 03	7 01	7 00	7 02	7 05	7 01	7 12	7 08
Daily Max	7 26	7 26	7 30	7 27	7 22	7 23	7 05	7 06	7 02	7 03	7 04	7 06	7 07	7 17	7 13
Daily Min	7 13	7 13	7 09	7 12	7 11	6 84	6 94	6 95	6 93	6 96	6 96	6 97	6 96	7 00	7 05
Average	7 18	7 18	7 18	7 18	7 15	7 06	6 99	7 01	6 98	7 00	7 00	7 02	7 01	7 07	7 09

Liscense maximum ph 9
Liscense minimum pH 6

Caldron Falls Headwater pH Summary - July 2006

07/16/06	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
7.09	7.10	7.10	7.06	7.19	7.15	7.14	7.11	7.20	7.32	7.45	7.55	7.34	7.40	7.39	7.44
7.09	7.12	7.06	7.06	7.18	7.18	7.15	7.16	7.18	7.27	7.38	7.51	7.42	7.62	7.42	7.38
7.05	7.10	7.06	7.07	7.19	7.12	7.16	7.15	7.17	7.26	7.49	7.46	7.40	7.53	7.40	7.35
7.02	7.11	7.06	7.11	7.20	7.09	7.17	7.16	7.21	7.26	7.52	7.42	7.44	7.59	7.44	7.29
7.08	7.09	7.08	7.15	7.29	7.12	7.18	7.17	7.27	7.28	7.44	7.45	7.41	7.53	7.46	7.36
7.09	7.10	7.06	7.17	7.27	7.13	7.16	7.18	7.18	7.30	7.51	7.38	7.39	7.39	7.46	7.38
7.09	7.10	7.06	7.17	7.25	7.13	7.14	7.17	7.11	7.28	7.46	7.39	7.40	7.34	7.44	7.36
7.07	7.07	7.09	7.20	7.27	7.12	7.17	7.17	7.13	7.28	7.48	7.41	7.43	7.48	7.55	7.35
7.04	7.06	7.05	7.17	7.27	7.13	7.17	7.16	7.15	7.27	7.48	7.38	7.38	7.85	7.50	7.35
7.03	7.09	7.09	7.16	7.21	7.15	7.17	7.14	7.26	7.28	7.47	7.33	7.38	7.54	7.47	7.34
7.06	7.10	7.10	7.17	7.23	7.17	7.18	7.15	7.26	7.32	7.47	7.37	7.36	7.37	7.57	7.32
7.08	7.08	7.08	7.13	7.17	7.16	7.20	7.19	7.22	7.32	7.41	7.44	7.35	7.34	7.39	7.36
7.10	7.06	7.07	7.12	7.14	7.15	7.18	7.20	7.27	7.30	7.43	7.40	7.37	7.44	7.55	7.40
7.10	7.04	7.06	7.13	7.20	7.16	7.16	7.19	7.27	7.27	7.82	7.36	7.45	7.39	7.44	7.41
7.10	7.08	7.13	7.10	7.12	7.18	7.17	7.16	7.15	7.28	7.59	7.40	7.48	7.40	7.40	7.41
7.09	7.10	7.10	7.22	7.11	7.16	7.18	7.15	7.37	7.29	7.53	7.40	7.52	7.45	7.38	7.43
7.08	7.10	7.12	7.15	7.17	7.16	7.19	7.17	7.22	7.32	7.60	7.36	7.38	7.53	7.40	7.45
7.08	7.10	7.16	7.09	7.17	7.21	7.17	7.15	7.16	7.34	7.44	7.37	7.51	7.47	7.38	7.43
7.08	7.08	7.12	7.06	7.15	7.26	7.22	7.16	7.22	7.33	7.65	7.41	7.99	7.44	7.44	7.49
7.10	7.07	7.10	7.12	7.30	7.26	7.16	7.18	7.33	7.34	7.45	7.39	7.65	7.33	7.34	7.38
7.09	7.06	7.10	7.16	7.19	7.20	7.15	7.18	7.25	7.30	7.36	7.39	7.32	7.34	7.31	7.36
7.07	7.09	7.15	7.15	7.16	7.18	7.14	7.20	7.27	7.38	7.36	7.42	7.36	7.34	7.36	7.32
7.08	7.10	7.14	7.13	7.11	7.17	7.12	7.17	7.30	7.22	7.34	7.31	7.39	7.38	7.38	7.30
7.08	7.09	7.08	7.20	7.12	7.14	7.10	7.16	7.27	7.31	7.46	7.34	7.35	7.40	7.42	7.34
7.10	7.12	7.16	7.22	7.30	7.26	7.22	7.20	7.37	7.38	7.82	7.55	7.99	7.85	7.85	7.57
7.02	7.04	7.05	7.06	7.11	7.09	7.10	7.11	7.11	7.22	7.34	7.31	7.32	7.33	7.33	7.31
7.08	7.09	7.09	7.14	7.19	7.16	7.16	7.17	7.23	7.30	7.48	7.40	7.44	7.45	7.45	7.43

Cadron Falls Headwater pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	7 36	7 37	7 35	7 24	7 27	7 28	7 29	7 30	7 32	7 33	7 33	7 30	7 31	7 31	7 27
10000	7 36	7 41	7 35	7 23	7 27	7 28	7 29	7 29	7 30	7 30	7 30	7 33	7 32	7 30	7 29	7 27
20000	7 35	7 38	7 35	7 22	7 27	7 28	7 29	7 29	7 30	7 28	7 30	7 33	7 32	7 30	7 29	7 27
30000	7 33	7 34	7 35	7 23	7 27	7 28	7 30	7 30	7 30	7 27	7 30	7 33	7 33	7 29	7 28	7 26
40000	7 31	7 38	7 34	7 25	7 26	7 28	7 29	7 29	7 30	7 27	7 30	7 33	7 31	7 30	7 26	7 27
50000	7 30	7 35	7 33	7 25	7 25	7 28	7 29	7 29	7 30	7 27	7 33	7 33	7 30	7 32	7 26	7 29
60000	7 38	7 35	7 35	7 23	7 26	7 28	7 30	7 29	7 30	7 27	7 33	7 31	7 30	7 32	7 27	7 29
70000	7 42	7 34	7 35	7 23	7 27	7 28	7 31	7 29	7 30	7 27	7 33	7 31	7 29	7 31	7 28	7 30
80000	7 51	7 35	7 35	7 24	7 28	7 28	7 30	7 29	7 31	7 27	7 32	7 31	7 31	7 29	7 28	7 31
90000	7 45	7 33	7 34	7 26	7 28	7 27	7 31	7 28	7 32	7 28	7 32	7 31	7 30	7 30	7 29	7 30
100000	7 37	7 33	7 34	7 27	7 29	7 30	7 31	7 28	7 32	7 30	7 33	7 31	7 29	7 31	7 29	7 30
110000	7 48	7 29	7 34	7 27	7 27	7 30	7 30	7 28	7 32	7 28	7 35	7 31	7 28	7 30	7 31	7 28
120000	7 40	7 29	7 35	7 27	7 29	7 29	7 30	7 28	7 32	7 28	7 35	7 32	7 29	7 31	7 31	7 28
130000	7 34	7 33	7 13	7 28	7 29	7 30	7 31	7 28	7 30	7 29	7 33	7 32	7 29	7 36	7 33	7 27
140000	7 33	7 34	7 14	7 26	7 29	7 30	7 30	7 28	7 30	7 28	7 33	7 32	7 29	7 49	7 32	7 26
150000	7 37	7 33	7 14	7 27	7 28	7 32	7 30	7 28	7 31	7 30	7 31	7 30	7 32	7 72	7 32	7 26
160000	7 37	7 34	7 16	7 27	7 28	7 31	7 30	7 28	7 31	7 30	7 32	7 31	7 32	7 72	7 33	7 26
170000	7 36	7 35	7 19	7 27	7 28	7 31	7 30	7 28	7 29	7 30	7 34	7 35	7 32	8 23	7 30	7 25
180000	7 37	7 36	7 20	7 27	7 27	7 30	7 29	7 28	7 30	7 29	7 34	7 35	7 32	8 49	7 30	7 25
190000	7 36	7 35	7 23	7 27	7 27	7 29	7 28	7 27	7 31	7 32	7 34	7 35	7 32	8 52	7 28	7 26
200000	7 36	7 35	7 23	7 27	7 27	7 28	7 28	7 28	7 31	7 32	7 34	7 32	7 33	8 58	7 27	7 29
210000	7 41	7 35	7 23	7 27	7 27	7 28	7 28	7 28	7 29	7 32	7 34	7 31	7 33	7 78	7 26	7 28
220000	7 41	7 36	7 24	7 27	7 27	7 28	7 29	7 28	7 29	7 32	7 34	7 31	7 33	7 38	7 28	7 26
230000	7 35	7 36	7 24	7 27	7 27	7 24	7 28	7 28	7 29	7 34	7 34	7 31	7 33	7 33	7 29	7 25
Daily Max	7 51	7 41	7 35	7 28	7 29	7 33	7 31	7 30	7 32	7 35	7 33	7 32	7 32	7 34	7 27	7 24
Daily Min	7 30	7 29	7 13	7 22	7 25	7 24	7 28	7 27	7 29	7 27	7 28	7 35	7 33	8 58	7 33	7 31
Average	7 38	7 35	7 28	7 26	7 27	7 29	7 30	7 28	7 30	7 27	7 33	7 32	7 31	7 29	7 26	7 24

License maximum pH 9
License minimum pH 6

Caldron Falls Headwater pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	0	7 24	7 24	7 26	7 25	7 28	7 31	7 3	7 33	7 38	7 38	7 33	7 39	7 46	7 54
10000	7 24	7 25	7 24	7 24	7 24	7 28	7 3	7 31	7 36	7 39	7 38	7 34	7 43	7 48	7 58
20000	7 24	7 25	7 24	7 25	7 24	7 33	7 3	7 31	7 38	7 38	7 38	7 34	7 44	7 49	7 56
30000	7 24	7 25	7 24	7 24	7 24	7 3	7 29	7 29	7 36	7 37	7 39	7 34	7 44	7 52	7 54
40000	7 24	7 25	7 24	7 24	7 23	7 25	7 29	7 29	7 35	7 36	7 41	7 35	7 5	7 52	7 51
50000	7 24	7 23	7 24	7 24	7 24	7 25	7 29	7 3	7 34	7 37	7 42	7 36	7 48	7 49	7 54
60000	7 24	7 24	7 25	7 24	7 24	7 26	7 29	7 31	7 33	7 41	7 4	7 37	7 44	7 46	7 56
70000	7 24	7 24	7 24	7 23	7 25	7 26	7 29	7 31	7 34	7 4	7 39	7 37	7 42	7 46	7 58
80000	7 24	7 26	7 24	7 24	7 25	7 28	7 3	7 31	7 33	7 4	7 43	7 38	7 43	7 47	7 61
90000	7 25	7 26	7 24	7 25	7 26	7 27	7 31	7 31	7 36	7 4	7 4	7 39	7 42	7 51	7 64
100000	7 26	7 25	7 23	7 26	7 25	7 28	7 32	7 33	7 37	7 4	7 43	7 38	7 41	7 48	7 67
110000	7 26	7 24	7 28	7 25	7 25	7 3	7 33	7 33	7 35	7 4	7 4	7 37	7 4	7 47	7 68
120000	7 26	7 24	7 3	7 25	7 25	7 3	7 33	7 33	7 35	7 4	7 36	7 38	7 42	7 45	7 68
130000	7 26	7 24	7 29	7 26	7 21	7 31	7 32	7 33	7 34	7 42	7 34	7 38	7 47	7 44	7 15
140000	7 25	7 24	7 29	7 27	7 27	7 31	7 31	7 33	7 35	7 44	7 33	7 39	7 49	7 44	7 15
150000	7 25	7 24	7 32	7 27	7 32	7 29	7 29	7 33	7 35	7 4	7 34	7 4	7 51	7 48	7 16
160000	7 25	7 24	7 27	7 27	7 35	7 27	7 29	7 33	7 35	7 39	7 33	7 39	7 44	7 5	7 16
170000	7 24	7 24	7 25	7 26	7 26	7 25	7 28	7 33	7 35	7 39	7 33	7 38	7 38	7 48	7 18
180000	7 26	7 24	7 23	7 26	7 27	7 28	7 3	7 32	7 38	7 39	7 32	7 39	7 38	7 5	7 25
190000	7 26	7 24	7 26	7 26	7 27	7 27	7 29	7 31	7 39	7 4	7 3	7 44	7 34	7 52	7 25
200000	7 26	7 24	7 28	7 25	7 26	7 26	7 29	7 33	7 37	7 44	7 29	7 46	7 35	7 49	7 24
210000	7 26	7 25	7 28	7 25	7 23	7 28	7 28	7 33	7 36	7 4	7 29	7 47	7 35	7 44	7 24
220000	7 24	7 25	7 27	7 25	7 26	7 28	7 28	7 34	7 37	7 37	7 29	7 44	7 39	7 46	7 28
230000	7 24	7 25	7 26	7 25	7 25	7 28	7 28	7 34	7 38	7 38	7 29	7 4	7 44	7 47	7 43
Daily Max	7 26	7 26	7 32	7 27	7 35	7 33	7 33	7 34	7 39	7 44	7 43	7 47	7 51	7 52	7 68
Daily Min	7 24	7 23	7 23	7 23	7 21	7 25	7 28	7 29	7 33	7 36	7 29	7 33	7 34	7 44	7 15
Average	7 25	7 24	7 26	7 25	7 26	7 28	7 30	7 32	7 36	7 40	7 36	7 39	7 43	7 48	7 42

Caldron Falls Headwater pH Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0 7 37	7 42	7 35	7 31	7 30	7 32	7 24	7 20	7 38	7 32	7 49	7 30	7 49	7 61	7 60	7 62
10000	7 34	7 45	7 38	7 32	7 31	7 28	7 22	7 23	7 41	7 32	7 46	7 30	7 54	7 61	7 61	7 62
20000	7 39	7 58	7 37	7 28	7 30	7 24	7 22	7 22	7 36	7 35	7 44	7 31	7 51	7 66	7 60	7 62
30000	7 47	7 47	7 32	7 31	7 30	7 24	7 21	7 25	7 32	7 35	7 35	7 30	7 55	7 61	7 59	7 58
40000	7 51	7 44	7 36	7 30	7 29	7 25	7 19	7 24	7 31	7 36	7 31	7 33	7 51	7 58	7 60	7 60
50000	7 50	7 44	7 49	7 28	7 26	7 26	7 19	7 25	7 31	7 39	7 29	7 32	7 61	7 58	7 58	7 59
60000	7 47	7 54	7 60	7 28	7 26	7 26	7 21	7 24	7 31	7 35	7 27	7 34	7 57	7 56	7 59	7 58
70000	7 45	7 57	7 64	7 28	7 25	7 23	7 26	7 24	7 33	7 34	7 25	7 34	7 59	7 63	7 59	7 58
80000	7 38	7 54	7 59	7 32	7 25	7 21	7 24	7 22	7 30	7 39	7 25	7 35	7 60	7 61	7 58	7 57
90000	7 49	7 63	7 53	7 31	7 26	7 20	7 22	7 20	7 31	7 40	7 27	7 34	7 61	7 58	7 57	7 57
100000	7 57	7 49	7 65	7 28	7 23	7 24	7 24	7 20	7 32	7 47	7 28	7 34	7 63	7 61	7 58	7 57
110000	7 46	7 43	7 58	7 26	7 24	7 22	7 22	7 20	7 32	7 46	7 27	7 36	7 63	7 66	7 58	7 55
120000	7 42	7 47	7 55	7 27	7 22	7 20	7 22	7 19	7 27	7 34	7 28	7 37	7 65	7 62	7 60	7 55
130000	7 36	7 42	7 50	7 24	7 25	7 19	7 24	7 25	7 29	7 35	7 26	7 39	7 65	7 62	7 62	7 56
140000	7 31	7 33	7 40	7 22	7 26	7 19	7 24	7 32	7 33	7 32	7 23	7 41	7 72	7 60	7 63	7 56
150000	7 39	7 30	7 42	7 20	7 31	7 21	7 26	7 34	7 36	7 34	7 25	7 46	7 64	7 62	7 62	7 55
160000	7 41	7 29	7 39	7 28	7 31	7 24	7 27	7 37	7 44	7 33	7 26	7 46	7 63	7 64	7 62	7 61
170000	7 43	7 28	7 40	7 28	7 26	7 26	7 27	7 39	7 45	7 41	7 29	7 44	7 61	7 61	7 62	7 56
180000	7 45	7 28	7 43	7 28	7 26	7 26	7 23	7 34	7 47	7 38	7 29	7 46	7 55	7 62	7 61	7 59
190000	7 43	7 27	7 53	7 29	7 26	7 25	7 21	7 38	7 45	7 35	7 28	7 46	7 60	7 64	7 62	7 62
200000	7 39	7 28	7 52	7 29	7 25	7 24	7 19	7 36	7 43	7 41	7 34	7 49	7 59	7 60	7 61	7 62
210000	7 38	7 28	7 47	7 30	7 27	7 26	7 19	7 34	7 42	7 41	7 31	7 48	7 60	7 59	7 63	7 59
220000	7 38	7 29	7 39	7 29	7 28	7 27	7 20	7 32	7 43	7 44	7 31	7 49	7 64	7 62	7 61	7 63
230000	7 43	7 34	7 31	7 30	7 37	7 26	7 19	7 38	7 37	7 51	7 30	7 52	7 65	7 63	7 63	7 60
Daily Max	7 57	7 63	7 65	7 32	7 37	7 32	7 27	7 39	7 47	7 51	7 49	7 52	7 72	7 66	7 63	7 63
Daily Min	7 31	7 27	7 31	7 20	7 22	7 19	7 19	7 19	7 27	7 32	7 23	7 30	7 49	7 56	7 57	7 55
Average	7 42	7 41	7 47	7 28	7 27	7 24	7 22	7 28	7 36	7 38	7 31	7 39	7 60	7 61	7 60	7 59

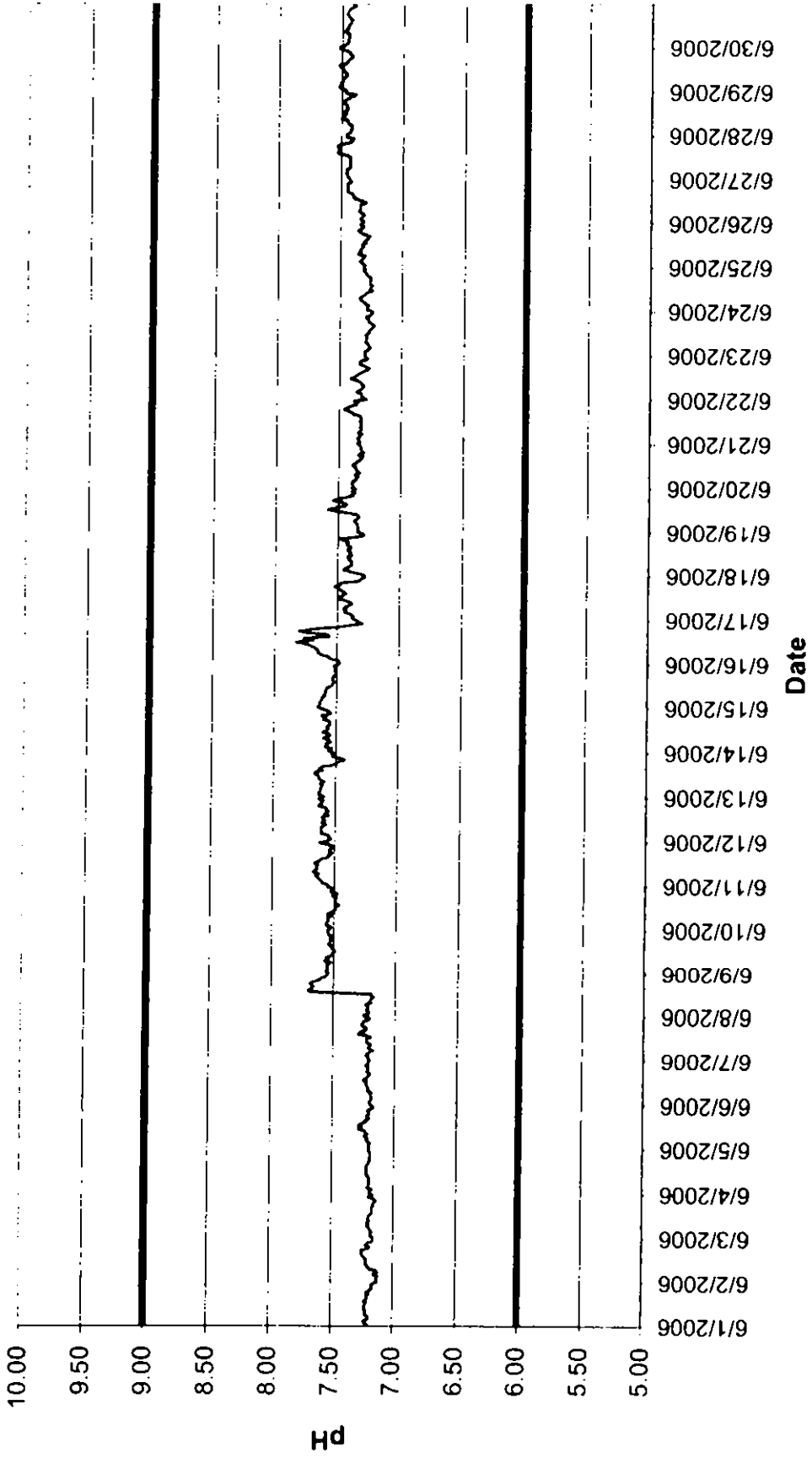
Liscense Maximum pH: 9
Liscense Minimum pH: 6

Caldron Falls Headwater pH Summary - September 2006

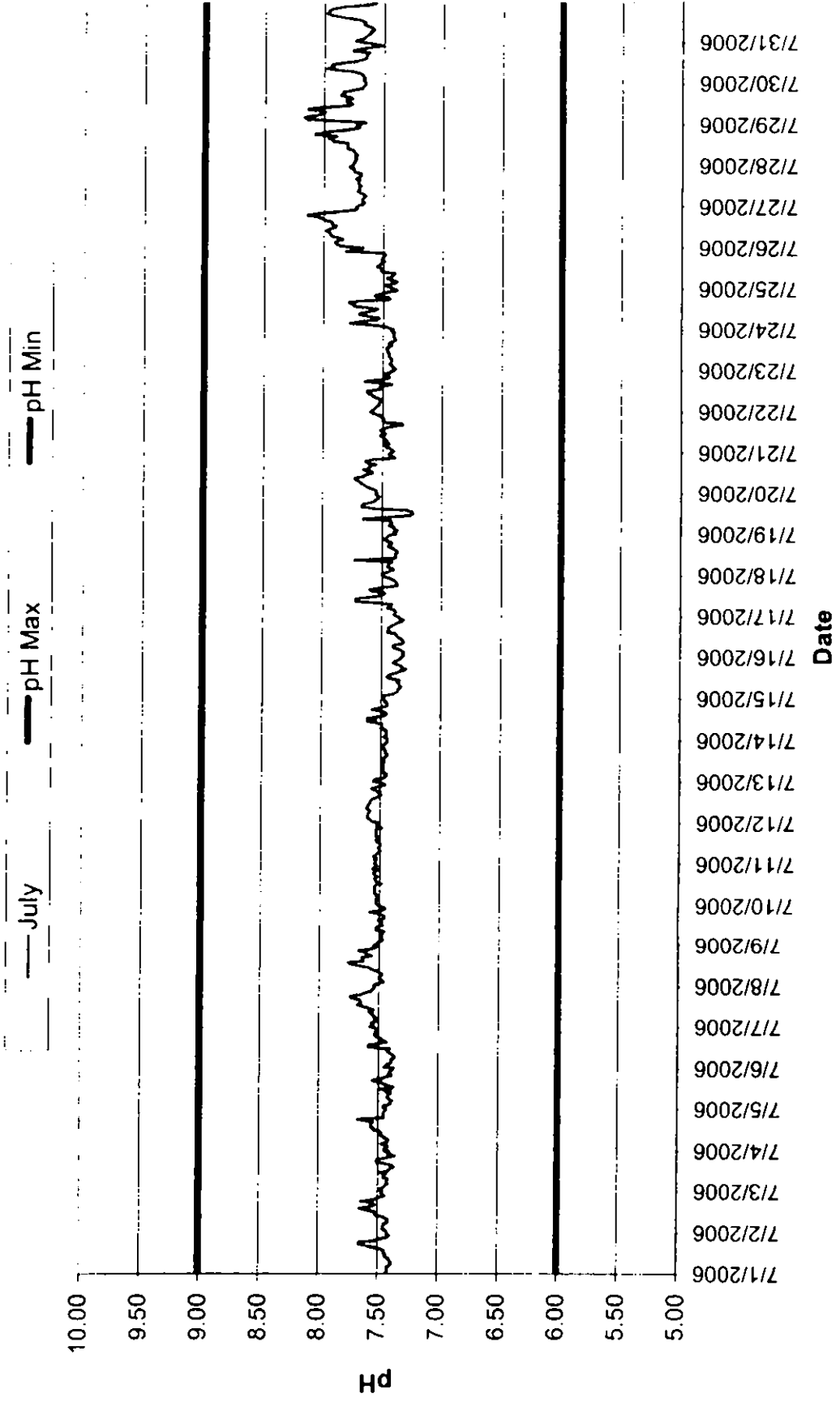
Time HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	06/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	7 59	7 78	8 25	8 22	8 20	7 89	7 91	7 76	8 02	8 16	8 22	8 19	8 02	8 02
10000	7 58	7 96	8 24	8 21	8 20	7 90	7 84	7 84	8 02	8 16	8 21	8 19	8 01	7 99
20000	7 58	8 02	8 23	8 21	8 21	7 89	7 92	7 84	8 06	8 15	8 18	8 19	8 04	7 97
30000	7 57	7 91	8 23	8 20	8 20	7 98	7 90	8 03	8 11	8 15	8 19	8 18	8 02	8 00
40000	7 60	7 59	8 22	8 19	8 20	7 90	7 86	8 12	8 12	8 14	8 18	8 18	8 04	8 04
50000	7 61	7 58	8 21	8 17	8 20	7 84	7 93	8 17	8 12	8 14	8 18	8 17	8 06	8 11
60000	7 58	7 58	8 20	8 17	8 18	7 83	7 93	8 06	8 11	8 14	8 18	8 16	8 09	8 14
70000	7 57	7 59	8 19	8 16	8 18	7 83	7 90	8 09	8 11	8 14	8 18	8 16	8 08	8 13
80000	7 50	7 57	8 19	8 16	8 16	7 81	7 79	8 07	8 10	8 14	8 18	8 16	8 08	8 09
90000	7 53	7 59	8 19	8 16	8 17	7 78	7 75	8 10	8 11	8 16	8 17	8 17	8 09	8 14
100000	7 58	7 67	8 19	8 15	8 15	7 67	7 78	7 97	8 10	8 16	8 16	8 17	8 13	8 11
110000	7 56	7 82	8 18	8 17	8 06	7 70	7 84	8 00	8 12	8 15	8 13	8 16	8 12	8 09
120000	7 56	7 75	8 20	8 17	7 92	7 74	7 84	8 02	8 13	8 18	8 13	8 16	8 11	8 14
130000	7 53	7 91	8 22	8 16	7 94	7 60	7 88	8 07	8 15	8 21	8 15	8 16	8 12	8 12
140000	7 50	8 37	8 22	8 18	7 96	7 67	7 80	8 07	8 15	8 21	8 15	8 17	8 13	8 16
150000	7 48	8 30	8 25	8 22	7 94	7 83	7 73	8 11	8 16	8 24	8 17	8 18	8 17	8 18
160000	7 52	8 28	8 24	8 21	7 97	7 86	7 73	8 09	8 17	8 29	8 17	8 21	8 18	8 22
170000	7 57	8 28	8 24	8 23	7 96	7 80	7 78	8 12	8 17	8 24	8 15	8 20	8 18	8 14
180000	7 60	8 30	8 26	8 24	7 96	7 83	7 79	8 14	8 17	8 29	8 17	8 17	8 16	8 27
190000	7 60	8 28	8 25	8 21	7 97	7 84	7 81	8 14	8 18	8 29	8 17	8 14	8 09	8 19
200000	7 63	8 26	8 24	8 21	7 91	7 85	7 80	8 24	8 17	8 26	8 18	8 11	8 10	8 27
210000	7 56	8 32	8 24	8 20	7 85	7 85	7 77	8 20	8 17	8 24	8 20	8 10	8 09	8 27
220000	7 55	8 30	8 23	8 21	7 85	7 90	7 76	8 14	8 16	8 23	8 19	8 09	8 07	8 25
230000	7 57	8 27	8 22	8 21	7 85	7 93	7 77	8 14	8 16	8 20	8 18	8 04	8 04	8 21
Daily Max	7 63	8 37	8 26	8 24	8 21	7 98	7 93	8 24	8 18	8 29	8 22	8 21	8 18	8 27
Daily Min	7 48	7 57	8 18	8 15	7 85	7 60	7 73	7 76	8 02	8 14	8 13	8 04	8 01	7 97
Average	7 56	7 97	8 22	8 19	8 05	7 82	7 83	8 06	8 13	8 19	8 17	8 16	8 09	8 14

Caldron Falls Tailwater pH Summary - June 2006

June pH Max pH Min

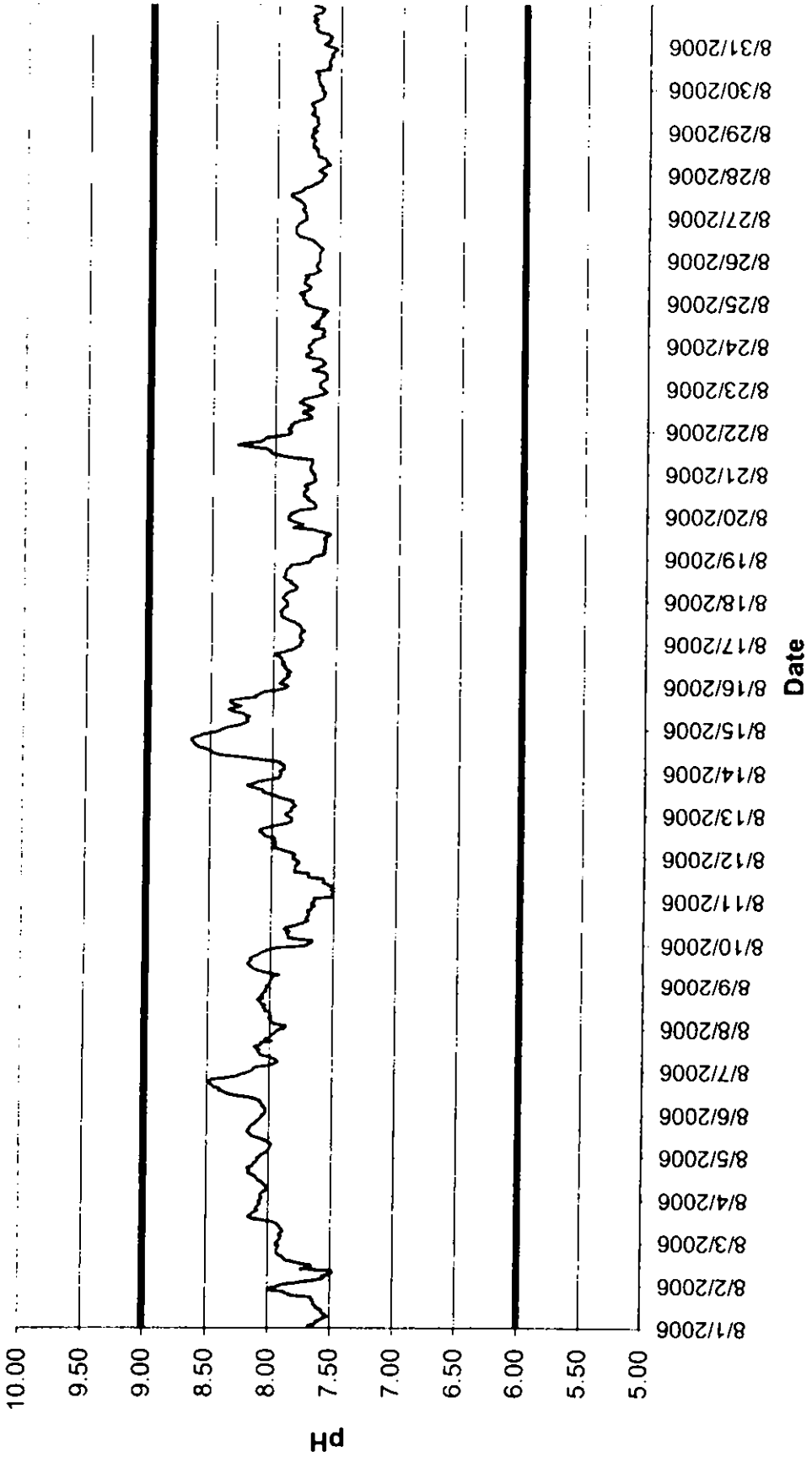


Caldron Falls Tailwater pH Summary - July 2006



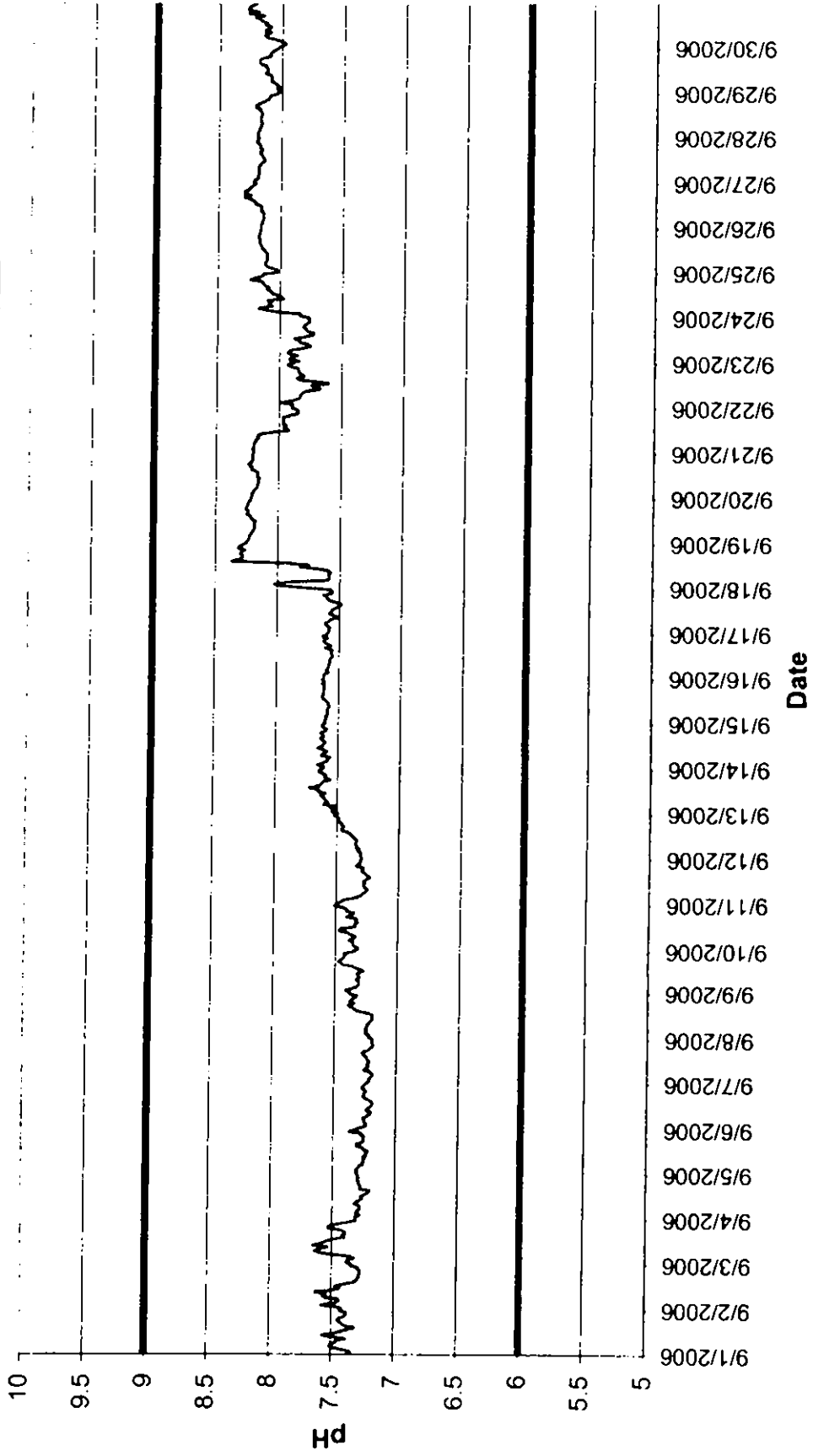
Caldron Falls Tailwater pH Summary - August 2006

August pH Max pH Min



Caldron Falls Headwater pH Summary - September 2006

September pH Max pH Min



Caldron Falls Tailwater pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0720	712	716	719	720	719	720	725	754	753	755	756	759	752	763	748
0	720	712	716	719	720	719	720	725	754	753	755	756	759	752	763	748
10000	721	713	718	719	720	720	721	721	756	752	759	753	763	756	765	748
20000	723	712	718	717	720	719	721	721	754	756	760	755	763	753	763	749
30000	721	712	717	721	719	718	723	723	755	756	762	755	762	758	763	755
40000	719	715	718	720	721	718	721	721	755	755	763	761	762	758	762	756
50000	720	712	719	720	722	719	720	722	755	754	765	760	761	757	761	761
60000	722	713	721	720	721	718	717	724	752	755	762	761	760	754	761	765
70000	722	718	720	720	724	721	721	719	757	752	767	761	762	756	759	765
80000	721	720	721	720	721	721	720	720	754	755	764	761	762	756	759	765
90000	723	721	719	720	723	721	719	719	756	752	765	759	762	760	759	766
100000	723	722	720	722	724	722	722	717	752	752	764	760	762	755	759	768
110000	722	721	720	722	728	723	723	719	751	749	763	758	763	755	758	771
120000	721	721	719	722	726	722	722	719	749	749	766	759	766	757	754	776
130000	723	723	717	721	728	722	722	719	750	746	762	760	767	756	753	783
140000	721	724	717	722	726	723	724	770	751	749	761	760	760	757	754	769
150000	720	725	717	721	722	721	729	767	751	749	755	758	763	755	753	776
160000	721	725	717	720	723	720	727	766	754	749	755	755	761	755	753	756
170000	719	725	716	720	720	720	723	767	753	748	752	757	753	755	753	758
180000	721	719	716	719	722	722	723	769	752	754	752	757	753	755	753	773
190000	718	719	715	719	720	721	727	765	753	747	754	757	749	760	751	780
200000	716	722	714	719	720	721	726	760	750	753	752	761	743	758	750	770
210000	717	720	715	719	721	723	725	759	754	752	751	761	747	754	751	739
220000	717	716	720	719	717	721	720	756	754	750	756	759	752	755	751	730
230000	715	716	716	720	717	721	722	755	755	755	762	763	753	758	752	733
Daily Max	723	725	721	722	728	725	729	770	757	756	767	763	767	761	765	783
Daily Min	715	712	714	717	717	718	717	717	749	746	751	753	743	752	750	730
Average	720	719	718	720	722	721	722	741	753	752	760	759	758	756	756	760

Liscense maximum ph. 9
Liscense minimum ph. 6

Caldron Falls Tailwater pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0 7 35	7 28	7 34	7 39	7 35	7 28	7 30	7 24	7 31	7 32	7 43	7 46	7 46	7 51
10000	7 38	7 33	7 34	7 38	7 33	7 31	7 30	7 28	7 30	7 32	7 44	7 43	7 49	7 48
20000	7 37	7 39	7 34	7 39	7 34	7 32	7 30	7 28	7 31	7 34	7 45	7 43	7 52	7 45
30000	7 39	7 45	7 34	7 39	7 35	7 32	7 27	7 29	7 34	7 33	7 46	7 41	7 50	7 45
40000	7 44	7 44	7 34	7 36	7 33	7 36	7 25	7 29	7 33	7 31	7 45	7 42	7 51	7 45
50000	7 43	7 39	7 36	7 36	7 31	7 34	7 27	7 31	7 31	7 32	7 46	7 41	7 49	7 44
60000	7 45	7 38	7 37	7 34	7 34	7 31	7 27	7 33	7 30	7 35	7 43	7 44	7 50	7 44
70000	7 43	7 39	7 34	7 37	7 32	7 30	7 29	7 34	7 36	7 34	7 42	7 45	7 48	7 44
80000	7 38	7 39	7 33	7 33	7 33	7 32	7 29	7 32	7 33	7 34	7 43	7 45	7 46	7 47
90000	7 39	7 41	7 34	7 35	7 33	7 32	7 28	7 30	7 34	7 34	7 43	7 50	7 46	7 47
100000	7 42	7 42	7 39	7 36	7 32	7 34	7 28	7 29	7 33	7 34	7 43	7 48	7 47	7 45
110000	7 47	7 38	7 51	7 36	7 32	7 41	7 29	7 24	7 31	7 30	7 43	7 47	7 48	7 45
120000	7 49	7 40	7 58	7 39	7 33	7 38	7 26	7 26	7 33	7 33	7 43	7 46	7 49	7 44
130000	7 46	7 40	7 51	7 37	7 32	7 36	7 27	7 25	7 29	7 37	7 46	7 47	7 51	7 43
140000	7 43	7 42	7 44	7 35	7 32	7 34	7 25	7 24	7 31	7 40	7 53	7 45	7 52	7 42
150000	7 44	7 39	7 43	7 32	7 33	7 31	7 24	7 26	7 28	7 40	7 52	7 45	7 46	7 42
160000	7 47	7 41	7 47	7 32	7 38	7 27	7 22	7 26	7 28	7 41	7 52	7 46	7 45	7 44
170000	7 49	7 43	7 54	7 30	7 40	7 26	7 24	7 25	7 26	7 44	7 52	7 47	7 44	7 45
180000	7 52	7 41	7 49	7 34	7 43	7 30	7 26	7 25	7 32	7 45	7 53	7 48	7 41	7 46
190000	7 47	7 44	7 42	7 30	7 46	7 33	7 27	7 26	7 34	7 44	7 49	7 47	7 41	7 45
200000	7 47	7 49	7 38	7 31	7 41	7 34	7 27	7 29	7 36	7 45	7 42	7 43	7 43	7 44
210000	7 33	7 35	7 37	7 32	7 37	7 32	7 29	7 29	7 32	7 45	7 41	7 43	7 44	7 43
220000	7 31	7 29	7 39	7 32	7 35	7 27	7 25	7 31	7 31	7 42	7 40	7 38	7 47	7 39
230000	7 28	7 30	7 36	7 33	7 38	7 29	7 24	7 30	7 34	7 42	7 46	7 47	7 52	7 41
Daily Max	7 52	7 49	7 58	7 39	7 46	7 41	7 30	7 34	7 36	7 45	7 53	7 50	7 52	7 51
Daily Min	7 28	7 28	7 33	7 30	7 31	7 26	7 22	7 24	7 26	7 30	7 40	7 38	7 41	7 39
Average	7 42	7 39	7 41	7 35	7 35	7 32	7 27	7 28	7 32	7 37	7 46	7 45	7 47	7 45

Caldron Falls Tailwater pH Summary July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	7.42	7.42	7.46	7.44	7.43	7.37	7.57	7.54	7.52	7.51	7.54	7.52	7.56	7.44	7.47	7.33
10000	7.42	7.43	7.49	7.45	7.46	7.45	7.54	7.51	7.51	7.53	7.53	7.57	7.54	7.44	7.49	7.31
20000	7.41	7.46	7.45	7.41	7.45	7.42	7.56	7.46	7.47	7.53	7.54	7.59	7.48	7.47	7.48	7.32
30000	7.42	7.45	7.44	7.42	7.39	7.39	7.51	7.48	7.47	7.53	7.52	7.60	7.45	7.45	7.40	7.31
40000	7.40	7.45	7.41	7.47	7.40	7.39	7.53	7.50	7.48	7.51	7.55	7.60	7.44	7.45	7.36	7.33
50000	7.38	7.44	7.42	7.42	7.38	7.39	7.52	7.49	7.48	7.51	7.53	7.60	7.47	7.46	7.36	7.36
60000	7.38	7.41	7.42	7.41	7.41	7.36	7.54	7.47	7.48	7.53	7.51	7.59	7.47	7.45	7.35	7.40
70000	7.40	7.41	7.41	7.43	7.42	7.37	7.54	7.49	7.47	7.54	7.50	7.58	7.48	7.50	7.33	7.40
80000	7.40	7.42	7.45	7.45	7.42	7.39	7.56	7.51	7.46	7.54	7.50	7.61	7.47	7.49	7.34	7.33
90000	7.42	7.45	7.45	7.47	7.39	7.41	7.58	7.56	7.52	7.54	7.51	7.61	7.47	7.49	7.35	7.31
100000	7.44	7.51	7.43	7.47	7.43	7.43	7.54	7.58	7.53	7.54	7.50	7.60	7.48	7.50	7.37	7.32
110000	7.43	7.52	7.48	7.48	7.39	7.40	7.57	7.65	7.52	7.54	7.50	7.59	7.47	7.61	7.34	7.33
120000	7.45	7.52	7.41	7.53	7.48	7.58	7.63	7.73	7.47	7.48	7.50	7.58	7.47	7.54	7.42	7.36
130000	7.44	7.60	7.40	7.54	7.37	7.58	7.68	7.76	7.48	7.52	7.53	7.58	7.47	7.61	7.45	7.37
140000	7.47	7.65	7.36	7.56	7.42	7.51	7.65	7.63	7.48	7.53	7.53	7.56	7.47	7.49	7.43	7.38
150000	7.53	7.54	7.37	7.56	7.44	7.43	7.65	7.63	7.51	7.54	7.51	7.51	7.44	7.45	7.38	7.45
160000	7.59	7.52	7.40	7.54	7.49	7.47	7.66	7.64	7.46	7.52	7.53	7.49	7.44	7.46	7.34	7.44
170000	7.66	7.54	7.48	7.58	7.55	7.48	7.72	7.56	7.46	7.53	7.53	7.51	7.46	7.48	7.29	7.44
180000	7.65	7.64	7.51	7.67	7.47	7.51	7.74	7.60	7.46	7.55	7.53	7.51	7.46	7.57	7.33	7.43
190000	7.53	7.53	7.50	7.45	7.45	7.53	7.64	7.61	7.51	7.54	7.53	7.55	7.47	7.51	7.32	7.40
200000	7.47	7.50	7.41	7.45	7.38	7.53	7.61	7.67	7.58	7.51	7.53	7.57	7.47	7.45	7.36	7.37
210000	7.41	7.44	7.35	7.46	7.41	7.52	7.56	7.57	7.48	7.56	7.48	7.50	7.48	7.44	7.40	7.33
220000	7.40	7.45	7.41	7.45	7.40	7.51	7.54	7.52	7.45	7.52	7.53	7.46	7.46	7.45	7.38	7.31
230000	7.42	7.47	7.40	7.44	7.39	7.52	7.53	7.54	7.49	7.53	7.51	7.48	7.44	7.47	7.34	7.34
Daily Max	7.66	7.65	7.51	7.67	7.55	7.58	7.74	7.76	7.58	7.56	7.55	7.61	7.56	7.61	7.49	7.45
Daily Min	7.38	7.41	7.35	7.41	7.37	7.36	7.51	7.46	7.45	7.48	7.48	7.46	7.44	7.44	7.29	7.31
Average	7.46	7.49	7.43	7.48	7.43	7.46	7.59	7.57	7.49	7.53	7.52	7.56	7.47	7.49	7.38	7.36

License maximum ph 9
License minimum ph 6

Caldron Falls Tailwater pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	7.36	7.50	7.38	7.54	7.43	7.6	7.41	7.41	7.41	7.67	7.73	7.78	7.71	7.66	7.68
10000	7.40	7.50	7.4	7.55	7.4	7.58	7.39	7.44	7.44	7.86	7.68	7.75	7.65	7.66	7.74
20000	7.38	7.45	7.37	7.55	7.43	7.56	7.42	7.49	7.48	7.89	7.66	7.75	7.88	7.67	7.69
30000	7.38	7.40	7.4	7.6	7.46	7.55	7.42	7.63	7.41	7.91	7.68	7.73	8.14	7.66	7.66
40000	7.40	7.41	7.4	7.63	7.47	7.53	7.44	7.78	7.38	7.89	7.68	7.73	8.17	7.67	7.64
50000	7.45	7.45	7.44	7.65	7.44	7.53	7.43	7.66	7.43	7.84	7.66	7.74	8.09	7.68	7.62
60000	7.43	7.44	7.41	7.68	7.47	7.52	7.42	7.55	7.47	7.88	7.65	7.72	8.02	7.7	7.62
70000	7.41	7.43	7.42	7.69	7.46	7.5	7.43	7.53	7.43	7.93	7.66	7.73	7.99	7.76	7.58
80000	7.52	7.41	7.43	7.72	7.49	7.54	7.44	7.6	7.41	7.95	7.7	7.75	8.04	7.91	7.59
90000	7.72	7.73	7.66	7.73	7.49	7.57	7.45	7.7	7.4	7.95	7.72	7.76	8.14	7.98	7.61
100000	7.72	7.38	7.42	7.65	7.52	7.59	7.44	7.68	7.51	7.98	7.7	7.81	8.04	7.92	7.66
110000	7.67	7.38	7.26	7.65	7.47	7.62	7.46	7.6	7.52	7.96	7.71	7.8	7.79	7.94	7.67
120000	7.53	7.39	7.24	7.58	7.58	7.63	7.46	7.54	7.52	7.9	7.69	7.81	7.76	7.86	7.66
130000	7.47	7.37	7.25	7.58	7.48	7.54	7.47	7.63	7.55	7.9	7.71	7.8	7.81	7.75	7.69
140000	7.48	7.37	7.29	7.66	7.48	7.51	7.46	7.75	7.52	7.93	7.71	7.92	7.82	7.67	7.78
150000	7.57	7.39	7.55	7.61	7.46	7.52	7.42	7.74	7.52	7.93	7.7	7.93	7.76	7.65	7.87
160000	7.60	7.42	7.67	7.61	7.33	7.42	7.45	7.79	7.49	7.99	7.73	7.96	7.79	7.65	7.94
170000	7.49	7.45	7.67	7.55	7.33	7.52	7.42	7.7	7.51	8.01	7.7	7.89	7.86	7.64	7.98
180000	7.37	7.42	7.65	7.61	7.49	7.65	7.39	7.44	7.51	8.06	7.69	8.08	7.83	7.62	7.96
190000	7.37	7.41	7.57	7.64	7.5	7.49	7.4	7.46	7.49	8.14	7.69	8.01	7.84	7.76	7.96
200000	7.38	7.46	7.55	7.58	7.49	7.44	7.41	7.57	7.48	8.05	7.74	7.93	7.77	7.73	7.92
210000	7.39	7.48	7.53	7.39	7.51	7.46	7.41	7.52	7.49	7.9	7.75	7.76	7.68	7.6	7.83
220000	7.42	7.46	7.52	7.41	7.52	7.5	7.4	7.46	7.82	7.74	7.75	7.7	7.67	7.51	7.64
230000	7.46	7.44	7.55	7.45	7.57	7.44	7.43	7.38	7.69	7.72	7.79	7.73	7.66	7.55	7.57
Daily Max	7.72	7.73	7.67	7.73	7.57	7.65	7.47	7.79	7.82	8.14	7.79	8.08	8.17	8.17	7.98
Daily Min	7.36	7.37	7.24	7.39	7.33	7.42	7.39	7.38	7.38	7.67	7.65	7.70	7.65	7.65	7.51
Average	7.47	7.44	7.46	7.60	7.47	7.53	7.43	7.59	7.50	7.92	7.70	7.81	7.87	7.87	7.72

Caldron Falls Headwater pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0736	737	735	724	727	728	729	729	730	732	733	733	730	731	731	727
0																
10000	736	741	735	723	727	728	729	729	730	730	730	733	732	730	729	727
20000	735	738	735	722	727	728	729	729	730	728	730	733	732	730	729	727
30000	733	734	735	723	727	728	730	730	730	728	728	733	733	729	728	726
40000	731	738	734	725	726	728	729	729	730	727	730	733	731	730	726	727
50000	730	735	733	725	725	728	729	729	730	727	733	733	730	732	726	729
60000	738	735	735	723	726	728	730	729	730	727	733	733	730	732	727	729
70000	742	734	735	723	727	728	731	729	730	727	733	731	730	732	727	729
80000	751	735	735	724	728	728	730	729	731	727	732	731	729	731	728	730
90000	745	733	734	726	728	727	731	728	732	728	732	731	730	729	728	731
100000	737	733	734	727	729	730	731	728	732	730	733	731	729	731	729	730
110000	748	729	734	727	729	730	731	728	732	730	733	731	729	731	729	730
120000	740	729	735	727	729	730	730	728	732	728	735	731	728	730	731	728
130000	734	733	713	728	729	733	729	728	731	729	735	732	729	731	731	728
140000	733	734	714	726	729	730	731	728	730	729	733	732	729	736	733	727
150000	737	733	714	727	728	732	730	728	731	730	733	730	731	749	732	726
160000	737	734	716	727	728	731	730	728	731	730	731	731	732	772	732	726
170000	736	735	719	727	728	731	730	728	729	730	732	733	732	823	733	726
180000	737	736	720	727	727	730	729	727	729	730	734	735	732	849	730	725
190000	736	735	723	727	727	729	728	727	731	732	734	732	733	852	728	726
200000	736	735	723	727	727	728	728	728	731	732	734	732	733	858	727	729
210000	741	735	723	727	727	728	728	728	731	732	734	731	733	778	726	728
220000	741	736	724	728	727	728	729	728	729	732	734	731	733	738	728	726
230000	735	736	724	727	727	724	728	728	729	734	734	731	733	733	729	725
Daily Max	751	741	735	728	729	733	731	730	732	735	733	735	733	858	733	731
Daily Min	730	729	713	722	725	724	728	727	729	727	728	730	728	729	726	724
Average	738	735	728	726	727	729	730	728	730	730	733	732	731	755	729	727

Liscense maximum pH 9
Liscense minimum pH 6

Caldron Falls Headwater pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	0	724	724	726	725	728	731	73	733	738	738	733	739	746	754
10000	724	725	724	724	724	728	73	731	736	739	738	734	743	748	758
20000	724	725	724	725	724	733	73	731	738	738	738	734	744	749	756
30000	724	725	724	724	724	73	729	729	736	737	739	734	748	752	754
40000	724	725	724	724	723	725	729	729	735	736	741	735	75	752	751
50000	724	723	724	724	724	725	729	73	734	737	742	736	748	749	754
60000	724	724	725	724	724	726	729	731	733	741	74	737	744	746	756
70000	724	724	724	723	725	726	729	731	734	74	739	737	742	746	758
80000	724	726	724	724	725	728	73	731	733	74	743	738	743	747	761
90000	725	726	724	725	726	727	731	731	736	74	74	739	742	751	764
100000	726	725	723	726	725	728	732	733	737	74	743	738	741	748	767
110000	725	724	728	725	725	73	733	733	735	74	74	737	74	747	768
120000	726	724	73	725	725	73	733	733	735	74	736	738	742	745	768
130000	726	724	729	726	721	731	732	733	734	742	734	738	747	744	715
140000	725	724	729	727	727	731	731	733	735	744	733	739	749	744	715
150000	725	724	732	727	732	729	729	733	735	74	734	74	751	748	716
160000	725	724	727	727	735	727	729	733	735	739	733	739	744	75	716
170000	724	724	725	726	726	725	728	733	735	739	733	738	738	748	718
180000	726	724	723	726	727	728	73	732	738	739	732	739	738	75	725
190000	726	724	726	726	727	727	729	731	739	74	73	744	734	752	725
200000	726	724	728	725	726	726	729	733	737	744	729	746	735	749	724
210000	726	725	728	725	723	728	728	733	736	74	729	747	735	744	724
220000	724	725	727	725	726	728	728	734	737	737	729	744	739	746	728
230000	724	725	726	725	725	728	728	734	738	738	729	74	744	747	743
Daily Max	726	726	732	727	735	733	733	734	739	744	743	747	751	752	768
Daily Min	724	723	723	723	721	725	728	729	733	736	729	733	734	744	715
Average	725	724	726	725	726	728	730	732	736	740	736	739	743	748	742

Caldron Falls Headwater pH Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0	7 37	7 42	7 35	7 31	7 32	7 24	7 20	7 38	7 32	7 49	7 30	7 49	7 61	7 60	7 62
10000	7 34	7 45	7 38	7 32	7 31	7 28	7 22	7 23	7 41	7 32	7 46	7 30	7 54	7 61	7 61	7 62
20000	7 39	7 58	7 37	7 28	7 31	7 24	7 22	7 22	7 36	7 35	7 44	7 31	7 51	7 66	7 60	7 62
30000	7 47	7 47	7 32	7 31	7 30	7 24	7 21	7 25	7 32	7 36	7 35	7 30	7 55	7 61	7 59	7 58
40000	7 51	7 44	7 36	7 30	7 29	7 25	7 19	7 24	7 31	7 36	7 31	7 33	7 51	7 58	7 60	7 60
50000	7 50	7 44	7 49	7 28	7 26	7 26	7 19	7 25	7 31	7 39	7 29	7 32	7 61	7 58	7 58	7 59
60000	7 47	7 54	7 60	7 28	7 26	7 26	7 21	7 24	7 31	7 35	7 27	7 34	7 57	7 56	7 59	7 58
70000	7 45	7 57	7 64	7 28	7 25	7 23	7 26	7 22	7 33	7 34	7 25	7 34	7 59	7 63	7 59	7 58
80000	7 38	7 54	7 59	7 32	7 25	7 21	7 24	7 22	7 30	7 39	7 25	7 35	7 60	7 61	7 58	7 57
90000	7 49	7 63	7 53	7 31	7 26	7 20	7 22	7 20	7 31	7 40	7 27	7 34	7 61	7 58	7 57	7 57
100000	7 57	7 49	7 65	7 28	7 23	7 24	7 24	7 20	7 32	7 47	7 28	7 34	7 63	7 61	7 58	7 57
110000	7 46	7 43	7 58	7 26	7 24	7 22	7 22	7 20	7 32	7 46	7 27	7 36	7 59	7 66	7 58	7 55
120000	7 42	7 47	7 55	7 27	7 22	7 20	7 22	7 19	7 27	7 34	7 28	7 37	7 65	7 62	7 60	7 55
130000	7 36	7 42	7 50	7 24	7 25	7 19	7 24	7 25	7 29	7 35	7 26	7 39	7 65	7 62	7 62	7 56
140000	7 31	7 33	7 40	7 22	7 26	7 19	7 24	7 32	7 33	7 32	7 23	7 41	7 72	7 60	7 63	7 56
150000	7 39	7 30	7 42	7 20	7 31	7 21	7 26	7 34	7 36	7 34	7 25	7 46	7 64	7 62	7 62	7 55
160000	7 41	7 29	7 39	7 28	7 31	7 24	7 27	7 37	7 44	7 33	7 26	7 46	7 63	7 64	7 62	7 61
170000	7 43	7 28	7 40	7 28	7 26	7 26	7 27	7 39	7 45	7 41	7 29	7 44	7 61	7 61	7 62	7 56
180000	7 45	7 28	7 43	7 28	7 26	7 26	7 23	7 34	7 47	7 38	7 29	7 46	7 55	7 62	7 61	7 59
190000	7 43	7 27	7 53	7 29	7 26	7 25	7 21	7 38	7 45	7 35	7 28	7 46	7 60	7 64	7 62	7 62
200000	7 39	7 28	7 52	7 29	7 25	7 24	7 19	7 36	7 43	7 41	7 34	7 49	7 59	7 60	7 61	7 62
210000	7 38	7 28	7 47	7 30	7 27	7 26	7 19	7 34	7 42	7 41	7 31	7 48	7 60	7 59	7 63	7 59
220000	7 38	7 29	7 39	7 29	7 28	7 27	7 20	7 32	7 43	7 44	7 31	7 49	7 64	7 62	7 61	7 63
230000	7 43	7 34	7 31	7 30	7 37	7 26	7 19	7 38	7 37	7 51	7 30	7 52	7 65	7 63	7 63	7 60
Daily Max	7 57	7 63	7 65	7 32	7 37	7 32	7 27	7 39	7 47	7 51	7 49	7 52	7 72	7 66	7 63	7 63
Daily Min	7 31	7 27	7 31	7 20	7 22	7 19	7 19	7 19	7 27	7 32	7 23	7 30	7 49	7 56	7 57	7 55
Average	7 42	7 41	7 47	7 28	7 27	7 24	7 22	7 28	7 36	7 38	7 31	7 39	7 60	7 61	7 60	7 59

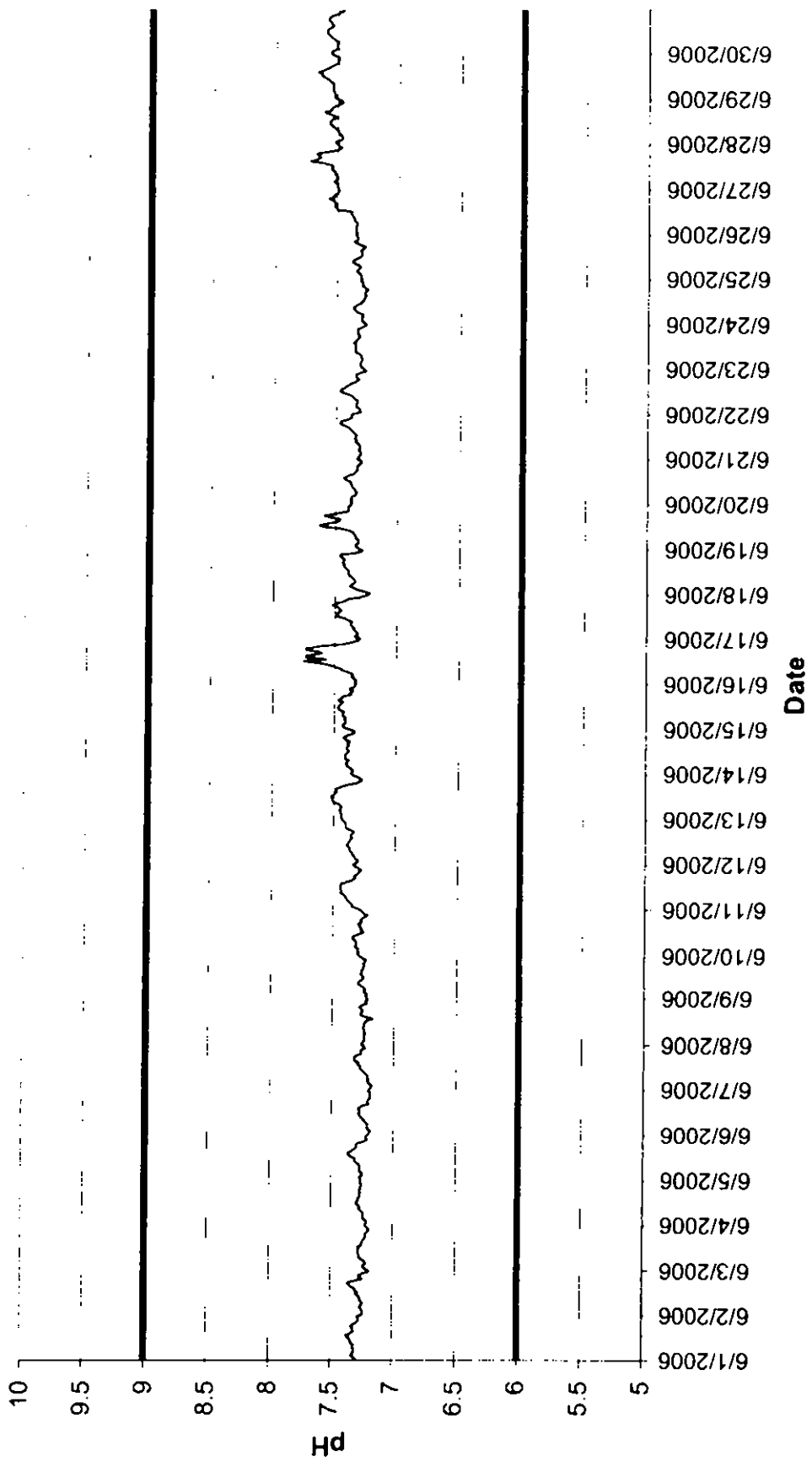
Liscense Maximum pH 9
Liscense Minimum pH 6

Caldron Falls Headwater pH Summary - September 2006

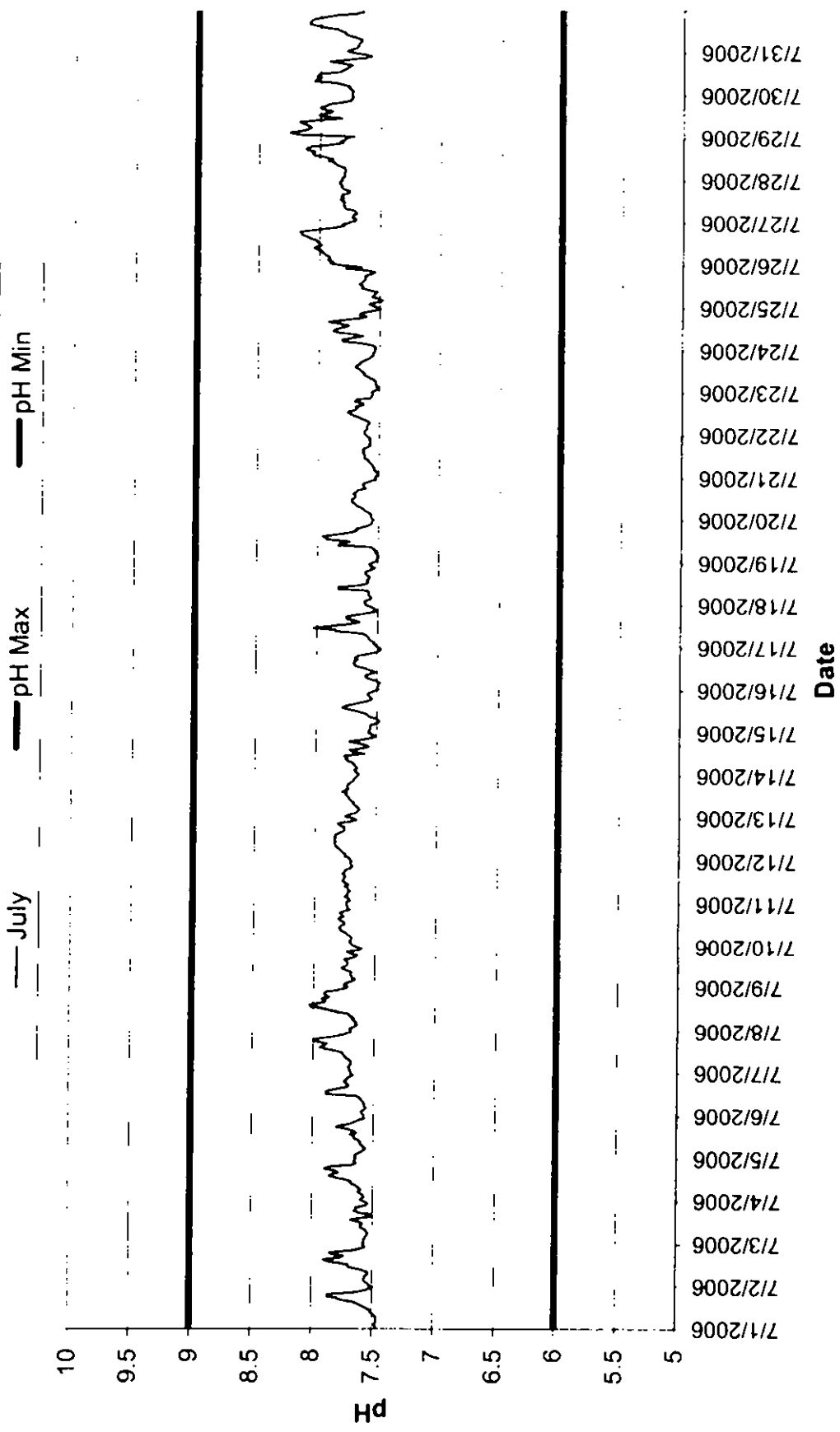
Time HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	7.59	7.78	8.25	8.22	8.20	7.89	7.91	7.76	8.02	8.16	8.22	8.19	8.02	8.02
10000	7.58	7.96	8.24	8.21	8.20	7.90	7.84	7.84	8.02	8.16	8.21	8.19	8.01	7.99
20000	7.58	8.02	8.23	8.21	8.21	7.89	7.92	7.84	8.06	8.15	8.18	8.19	8.04	7.97
30000	7.57	7.91	8.23	8.20	8.20	7.98	7.90	8.03	8.11	8.15	8.19	8.18	8.02	8.00
40000	7.60	7.59	8.22	8.19	8.20	7.90	7.86	8.12	8.12	8.14	8.18	8.18	8.04	8.04
50000	7.61	7.58	8.21	8.17	8.20	7.84	7.93	8.17	8.12	8.14	8.18	8.17	8.06	8.11
60000	7.58	7.58	8.20	8.17	8.18	7.83	7.93	8.06	8.11	8.14	8.18	8.16	8.09	8.14
70000	7.57	7.59	8.19	8.16	8.18	7.83	7.90	8.09	8.11	8.14	8.18	8.16	8.08	8.13
80000	7.50	7.57	8.19	8.16	8.16	7.81	7.79	8.07	8.10	8.14	8.18	8.16	8.08	8.09
90000	7.53	7.59	8.19	8.16	8.17	7.78	7.75	8.10	8.11	8.16	8.17	8.17	8.09	8.14
100000	7.58	7.67	8.19	8.15	8.15	7.67	7.78	7.97	8.10	8.16	8.16	8.17	8.13	8.11
110000	7.56	7.82	8.18	8.17	8.06	7.70	7.84	8.00	8.12	8.15	8.13	8.16	8.12	8.09
120000	7.56	7.75	8.20	8.17	7.92	7.74	7.84	8.02	8.13	8.18	8.13	8.16	8.11	8.14
130000	7.53	7.91	8.22	8.16	7.94	7.60	7.88	8.07	8.15	8.21	8.15	8.16	8.12	8.12
140000	7.50	8.37	8.22	8.18	7.96	7.67	7.80	8.07	8.15	8.21	8.15	8.17	8.13	8.16
150000	7.48	8.30	8.25	8.22	7.94	7.83	7.73	8.11	8.16	8.24	8.17	8.18	8.17	8.18
160000	7.52	8.28	8.24	8.21	7.97	7.86	7.73	8.09	8.17	8.29	8.17	8.21	8.18	8.22
170000	7.57	8.28	8.24	8.23	7.96	7.80	7.78	8.12	8.17	8.24	8.15	8.20	8.18	8.14
180000	7.60	8.30	8.26	8.24	7.96	7.83	7.79	8.14	8.17	8.29	8.17	8.17	8.16	8.27
190000	7.60	8.28	8.25	8.21	7.97	7.84	7.81	8.14	8.18	8.29	8.17	8.14	8.09	8.19
200000	7.63	8.26	8.24	8.21	7.91	7.85	7.80	8.24	8.17	8.26	8.18	8.11	8.10	8.27
210000	7.56	8.32	8.24	8.20	7.85	7.85	7.77	8.20	8.17	8.24	8.20	8.10	8.09	8.27
220000	7.55	8.30	8.23	8.21	7.85	7.90	7.76	8.14	8.16	8.23	8.19	8.09	8.07	8.25
230000	7.57	8.27	8.22	8.21	7.85	7.93	7.77	8.14	8.16	8.20	8.18	8.04	8.04	8.21
Daily Max	7.63	8.37	8.26	8.24	8.21	7.98	7.93	8.24	8.18	8.29	8.22	8.21	8.18	8.27
Daily Min	7.48	7.57	8.18	8.15	7.85	7.60	7.73	7.76	8.02	8.14	8.13	8.04	8.01	7.97
Average	7.56	7.97	8.22	8.19	8.05	7.82	7.83	8.06	8.13	8.19	8.17	8.16	8.09	8.14

Caldron Falls Bridge pH Summary - June 2006

— June — pH Max — pH Min

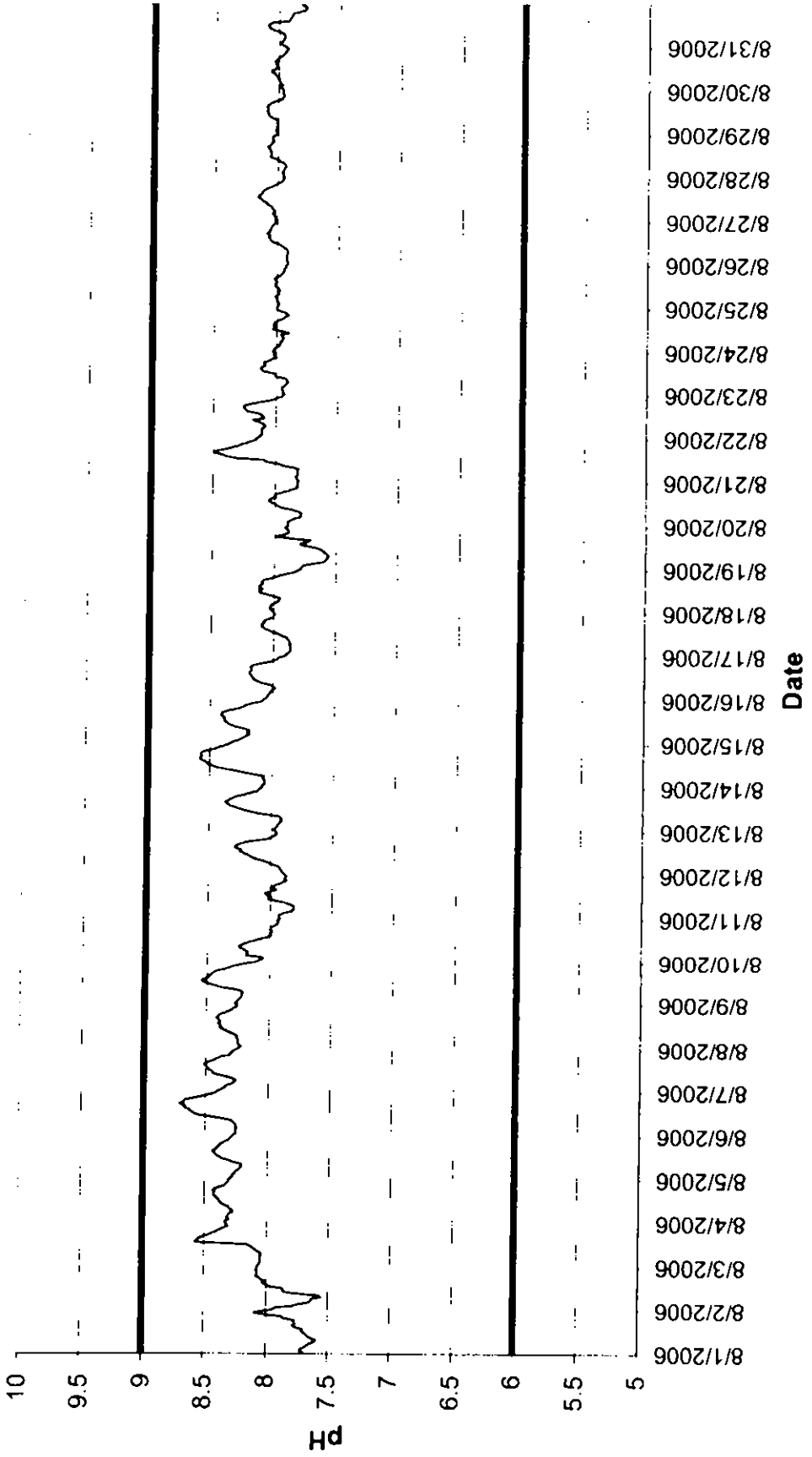


Caldron Falls Bridge pH Summary - July 2006

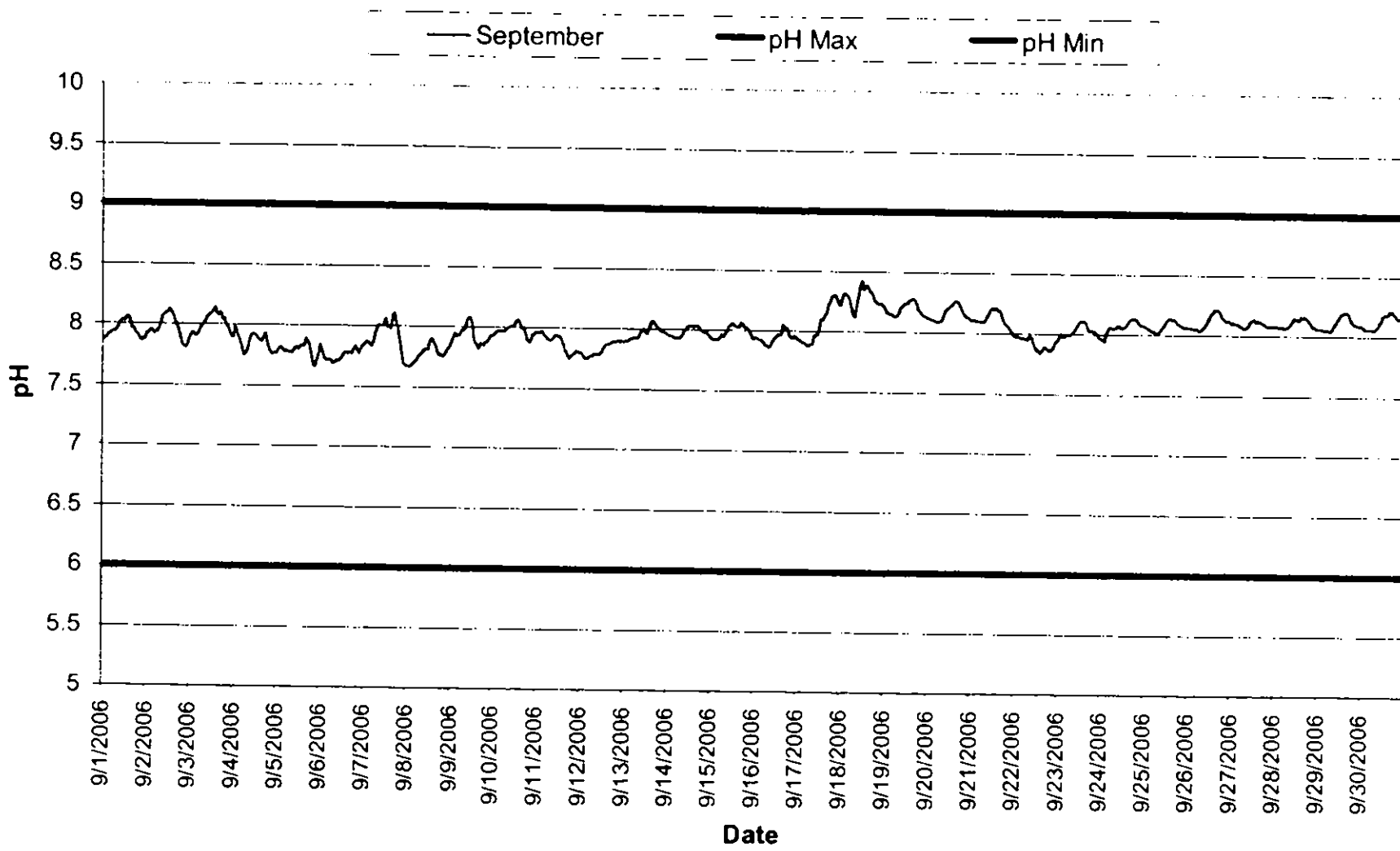


Caldron Falls Bridge pH Summary - August 2006

— August — pH Max — pH Min



Caldron Falls Bridge pH Summary - September 2006



Caldron Falls Bridge pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
0	7 29	7 24	7 20	7 22	7 26	7 20	7 19	7 26	7 22	7 28	7 28	7 34	7 43	7 36	7 39	7 33
10000	7 30	7 24	7 23	7 21	7 27	7 19	7 18	7 25	7 23	7 30	7 32	7 31	7 44	7 35	7 43	7 33
20000	7 33	7 24	7 24	7 21	7 25	7 19	7 18	7 24	7 22	7 29	7 35	7 30	7 44	7 35	7 43	7 33
30000	7 32	7 25	7 22	7 24	7 25	7 21	7 20	7 24	7 24	7 30	7 35	7 32	7 44	7 37	7 41	7 36
40000	7 31	7 26	7 22	7 24	7 27	7 21	7 21	7 24	7 24	7 29	7 36	7 33	7 45	7 39	7 41	7 35
50000	7 31	7 25	7 23	7 24	7 27	7 21	7 20	7 23	7 23	7 32	7 38	7 34	7 45	7 40	7 42	7 36
60000	7 31	7 24	7 26	7 24	7 27	7 21	7 21	7 24	7 25	7 31	7 39	7 35	7 44	7 40	7 41	7 39
70000	7 32	7 25	7 27	7 25	7 27	7 23	7 23	7 24	7 27	7 31	7 40	7 36	7 44	7 38	7 43	7 44
80000	7 31	7 26	7 27	7 27	7 28	7 24	7 23	7 25	7 29	7 32	7 41	7 37	7 46	7 41	7 43	7 46
90000	7 33	7 26	7 28	7 27	7 30	7 26	7 24	7 24	7 29	7 34	7 44	7 37	7 50	7 41	7 42	7 50
100000	7 33	7 27	7 28	7 27	7 31	7 27	7 26	7 24	7 27	7 33	7 43	7 39	7 51	7 41	7 46	7 56
110000	7 34	7 29	7 27	7 29	7 31	7 28	7 27	7 23	7 25	7 29	7 44	7 38	7 51	7 39	7 47	7 62
120000	7 35	7 28	7 28	7 29	7 34	7 27	7 27	7 21	7 25	7 25	7 44	7 37	7 52	7 38	7 46	7 75
130000	7 37	7 30	7 25	7 28	7 36	7 28	7 29	7 17	7 26	7 27	7 44	7 36	7 50	7 39	7 45	7 57
140000	7 33	7 30	7 25	7 28	7 36	7 28	7 28	7 24	7 27	7 27	7 43	7 35	7 48	7 40	7 43	7 73
150000	7 31	7 33	7 24	7 26	7 33	7 24	7 31	7 27	7 26	7 28	7 37	7 36	7 48	7 38	7 47	7 73
160000	7 32	7 35	7 23	7 27	7 31	7 20	7 32	7 26	7 26	7 29	7 34	7 35	7 48	7 39	7 45	7 60
170000	7 32	7 36	7 22	7 26	7 29	7 21	7 32	7 25	7 25	7 27	7 32	7 33	7 45	7 37	7 43	7 63
180000	7 33	7 30	7 22	7 27	7 30	7 20	7 30	7 26	7 25	7 27	7 33	7 35	7 39	7 40	7 36	7 73
190000	7 31	7 24	7 22	7 26	7 29	7 19	7 26	7 28	7 24	7 27	7 30	7 39	7 32	7 42	7 37	7 73
200000	7 28	7 27	7 20	7 26	7 23	7 19	7 26	7 26	7 25	7 23	7 29	7 40	7 28	7 41	7 35	7 60
210000	7 27	7 27	7 19	7 25	7 21	7 19	7 26	7 22	7 23	7 22	7 27	7 40	7 27	7 37	7 38	7 44
220000	7 27	7 23	7 20	7 26	7 22	7 19	7 23	7 23	7 23	7 25	7 29	7 40	7 30	7 33	7 34	7 36
230000	7 28	7 19	7 22	7 26	7 22	7 20	7 24	7 21	7 26	7 26	7 32	7 42	7 34	7 34	7 33	7 31

License max pH 9
License min pH 6

Daily Max	7 37	7 36	7 28	7 29	7 36	7 28	7 32	7 28	7 29	7 34	7 44	7 42	7 52	7 42	7 47	7 75
Daily Min	7 27	7 19	7 19	7 21	7 21	7 19	7 18	7 17	7 22	7 22	7 27	7 30	7 27	7 33	7 33	7 31
Average	7 31	7 27	7 24	7 26	7 28	7 22	7 25	7 24	7 25	7 28	7 36	7 36	7 43	7 38	7 41	7 51

Caldron Falls Bridge pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0730	722	730	737	733	737	728	726	730	735	749	750	750	755
0	730	722	730	737	733	737	728	726	730	735	749	750	750	755
10000	734	724	733	736	732	731	730	729	731	734	750	752	753	756
20000	732	731	734	737	731	731	731	730	731	735	750	748	752	753
30000	732	734	732	738	730	732	731	730	732	735	750	746	753	751
40000	733	738	732	737	731	734	730	729	734	735	753	747	754	751
50000	735	737	732	734	732	734	729	729	733	734	751	748	754	751
60000	735	734	734	733	731	733	730	733	731	734	750	749	754	750
70000	737	734	734	734	731	733	730	735	732	736	751	750	754	752
80000	737	735	735	735	732	735	732	736	735	736	752	751	754	754
90000	736	736	736	736	734	736	735	736	738	737	752	754	756	756
100000	739	739	739	737	734	738	735	734	736	738	754	755	758	757
110000	743	739	747	738	735	743	735	731	733	739	755	757	760	759
120000	748	739	760	738	734	747	735	729	731	738	754	756	763	759
130000	749	740	763	742	734	746	735	728	730	750	755	755	763	759
140000	747	742	754	744	736	743	736	728	730	751	762	751	766	756
150000	745	743	748	740	737	741	734	726	731	752	772	753	762	754
160000	746	743	746	736	739	739	733	728	729	751	766	757	758	755
170000	748	744	754	734	741	735	732	727	727	752	764	761	756	756
180000	752	743	759	733	745	732	732	725	730	753	765	755	752	758
190000	748	743	751	733	747	733	733	727	734	757	767	755	750	758
200000	742	746	740	733	746	734	733	729	736	752	756	753	750	756
210000	740	746	740	731	741	734	733	729	734	753	749	749	750	752
220000	731	734	740	729	738	730	731	729	733	750	747	746	749	749
230000	726	728	739	730	738	726	727	731	734	749	749	747	753	746
Daily Max	752	746	763	744	747	747	736	736	738	757	772	761	766	759
Daily Min	726	722	730	729	730	726	727	725	727	734	747	746	749	746
Average	739	737	742	736	736	736	732	730	732	743	755	752	755	754

Caldron Falls Bridge pH Summary - July 2006

Time HHMMSS	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
0	7.47	7.52	7.58	7.60	7.64	7.58	7.69	7.69	7.72	7.65	7.74	7.70	7.69	7.65	7.57	7.49
10000	7.47	7.53	7.57	7.59	7.65	7.59	7.70	7.70	7.75	7.68	7.74	7.71	7.75	7.65	7.56	7.50
20000	7.48	7.55	7.57	7.57	7.64	7.60	7.70	7.67	7.73	7.70	7.71	7.72	7.72	7.67	7.55	7.49
30000	7.47	7.57	7.56	7.58	7.61	7.58	7.71	7.64	7.68	7.71	7.72	7.75	7.66	7.68	7.55	7.49
40000	7.46	7.56	7.55	7.60	7.58	7.56	7.69	7.65	7.66	7.70	7.75	7.75	7.65	7.66	7.55	7.48
50000	7.47	7.56	7.54	7.62	7.56	7.57	7.69	7.65	7.68	7.69	7.73	7.77	7.64	7.67	7.51	7.51
60000	7.46	7.54	7.54	7.60	7.58	7.58	7.69	7.68	7.69	7.70	7.73	7.78	7.65	7.68	7.48	7.55
70000	7.48	7.53	7.55	7.61	7.60	7.58	7.70	7.67	7.70	7.72	7.71	7.80	7.66	7.69	7.49	7.59
80000	7.49	7.54	7.57	7.63	7.61	7.59	7.73	7.70	7.69	7.74	7.72	7.82	7.69	7.73	7.51	7.60
90000	7.51	7.59	7.60	7.65	7.61	7.60	7.74	7.71	7.71	7.77	7.73	7.83	7.68	7.75	7.56	7.55
100000	7.51	7.65	7.60	7.68	7.63	7.62	7.75	7.79	7.76	7.78	7.75	7.84	7.71	7.74	7.58	7.51
110000	7.54	7.70	7.58	7.68	7.66	7.64	7.76	7.85	7.77	7.79	7.72	7.83	7.72	7.77	7.61	7.56
120000	7.56	7.70	7.61	7.73	7.66	7.88	7.81	7.93	7.74	7.78	7.75	7.84	7.73	7.60	7.67	7.59
130000	7.59	7.77	7.68	7.79	7.69	7.89	7.88	8.02	7.72	7.75	7.77	7.83	7.75	7.68	7.73	7.66
140000	7.63	7.86	7.61	7.86	7.64	7.86	7.94	8.03	7.72	7.75	7.76	7.84	7.74	7.72	7.78	7.69
150000	7.66	7.90	7.50	7.83	7.67	7.78	7.91	7.91	7.73	7.78	7.75	7.82	7.78	7.62	7.75	7.69
160000	7.75	7.77	7.51	7.78	7.71	7.71	7.88	7.90	7.75	7.80	7.75	7.79	7.73	7.56	7.69	7.69
170000	7.79	7.74	7.61	7.82	7.80	7.71	7.94	7.93	7.69	7.76	7.77	7.76	7.73	7.60	7.63	7.66
180000	7.87	7.83	7.65	7.90	7.76	7.73	8.00	7.87	7.65	7.77	7.75	7.76	7.74	7.66	7.55	7.68
190000	7.86	7.85	7.64	7.85	7.69	7.74	7.97	7.90	7.65	7.79	7.75	7.76	7.73	7.72	7.54	7.66
200000	7.66	7.67	7.64	7.67	7.65	7.72	7.87	7.91	7.70	7.75	7.71	7.79	7.71	7.61	7.55	7.59
210000	7.58	7.61	7.55	7.64	7.62	7.71	7.79	7.89	7.73	7.71	7.69	7.81	7.69	7.54	7.58	7.52
220000	7.52	7.56	7.54	7.65	7.58	7.67	7.73	7.80	7.64	7.73	7.70	7.72	7.68	7.51	7.57	7.48
230000	7.49	7.57	7.55	7.65	7.58	7.68	7.69	7.73	7.61	7.73	7.71	7.66	7.67	7.54	7.54	7.47
Daily Max	7.87	7.90	7.68	7.90	7.80	7.89	8.00	8.03	7.77	7.80	7.77	7.84	7.78	7.77	7.78	7.69
Daily Min	7.46	7.52	7.50	7.57	7.56	7.56	7.69	7.64	7.61	7.65	7.69	7.66	7.64	7.51	7.48	7.47
Average	7.57	7.65	7.58	7.69	7.64	7.67	7.79	7.80	7.70	7.74	7.73	7.78	7.70	7.65	7.59	7.57
License max pH	9															
License min pH	6															

Caldron Falls Bridge pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	7.50	7.60	7.54	7.54	7.53	7.61	7.56	7.54	7.51	7.82	7.76	7.81	7.78	7.74	7.74
10000	7.51	7.61	7.51	7.55	7.52	7.62	7.53	7.53	7.55	7.91	7.71	7.82	7.72	7.74	7.78
20000	7.53	7.61	7.51	7.56	7.51	7.62	7.50	7.54	7.59	7.89	7.70	7.80	8.17	7.73	7.73
30000	7.53	7.56	7.50	7.56	7.51	7.61	7.52	7.56	7.52	7.93	7.73	7.80	8.25	7.74	7.70
40000	7.56	7.55	7.50	7.57	7.53	7.60	7.52	7.67	7.48	7.91	7.72	7.80	8.16	7.76	7.69
50000	7.57	7.57	7.51	7.60	7.54	7.60	7.53	7.80	7.51	7.92	7.70	7.79	8.10	7.76	7.68
60000	7.58	7.58	7.52	7.62	7.54	7.59	7.53	7.81	7.56	7.95	7.70	7.79	8.07	7.80	7.67
70000	7.60	7.58	7.52	7.64	7.55	7.58	7.54	7.72	7.55	7.97	7.72	7.80	8.10	7.88	7.66
80000	7.63	7.58	7.54	7.67	7.56	7.60	7.57	7.64	7.53	7.98	7.78	7.84	8.14	8.05	7.69
90000	7.84	7.82	7.56	7.69	7.58	7.64	7.60	7.72	7.52	8.02	7.80	7.87	8.17	8.03	7.73
100000	7.85	7.82	7.83	7.71	7.59	7.67	7.63	7.84	7.61	8.04	7.80	7.88	8.05	7.99	7.79
110000	8.03	7.66	7.80	7.72	7.62	7.71	7.63	7.88	7.65	7.98	7.80	7.93	7.82	8.03	7.79
120000	7.88	7.58	7.73	7.72	7.62	7.74	7.65	7.85	7.64	8.00	7.80	7.89	7.95	8.00	7.82
130000	7.74	7.59	7.92	7.69	7.62	7.76	7.66	7.79	7.67	8.01	7.83	7.96	8.01	7.84	7.86
140000	7.65	7.59	7.93	7.69	7.63	7.71	7.69	7.75	7.65	8.03	7.80	8.04	7.93	7.81	7.94
150000	7.68	7.57	7.96	7.71	7.63	7.68	7.70	7.84	7.64	8.07	7.82	8.06	7.90	7.78	8.01
160000	7.75	7.57	7.81	7.69	7.63	7.69	7.67	7.92	7.62	8.10	7.81	8.04	7.96	7.76	8.09
170000	7.76	7.59	7.73	7.67	7.60	7.63	7.65	7.81	7.62	8.14	7.76	8.10	8.00	7.74	8.09
180000	7.70	7.61	7.68	7.61	7.57	7.64	7.63	7.67	7.62	8.15	7.75	8.11	7.95	7.84	8.07
190000	7.61	7.60	7.68	7.62	7.58	7.70	7.59	7.61	7.57	8.16	7.80	8.07	7.92	7.92	8.05
200000	7.51	7.55	7.63	7.63	7.57	7.69	7.57	7.67	7.54	8.01	7.82	7.93	7.83	7.76	7.97
210000	7.52	7.52	7.58	7.62	7.58	7.57	7.55	7.65	7.61	7.89	7.81	7.81	7.75	7.63	7.87
220000	7.53	7.56	7.55	7.57	7.57	7.56	7.55	7.58	7.78	7.80	7.83	7.83	7.74	7.58	7.71
230000	7.57	7.57	7.55	7.52	7.59	7.55	7.54	7.49	7.65	7.81	7.84	7.79	7.73	7.64	7.65
Daily Max	8.03	7.82	7.96	7.72	7.63	7.76	7.70	7.92	7.78	8.16	7.84	8.11	8.25	8.05	8.09
Daily Min	7.50	7.52	7.50	7.52	7.51	7.55	7.50	7.49	7.48	7.80	7.70	7.79	7.72	7.58	7.65
Average	7.65	7.60	7.65	7.63	7.57	7.64	7.59	7.70	7.59	7.98	7.77	7.90	7.97	7.81	7.82

Cadron Falls Bridge pH Summary - August 2006

Time HHMMSS	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	7 69	7 94	8 07	8 33	8 30	8 27	8 40	8 24	8 27	8 13	7 92	7 88	7 97	8 08	8 34	8 07
10000	7 72	7 92	8 06	8 33	8 28	8 26	8 37	8 22	8 26	8 09	7 93	7 90	7 98	8 08	8 31	8 05
20000	7 72	7 79	8 05	8 30	8 28	8 26	8 35	8 24	8 24	8 05	7 93	7 91	7 96	8 06	8 27	8 04
30000	7 68	7 74	8 05	8 32	8 26	8 26	8 33	8 25	8 23	8 07	7 89	7 92	7 95	8 06	8 24	8 03
40000	7 67	7 65	8 05	8 31	8 25	8 25	8 29	8 25	8 22	8 19	7 83	7 93	7 94	8 06	8 21	8 02
50000	7 65	7 64	8 05	8 30	8 23	8 26	8 27	8 25	8 22	8 18	7 81	7 95	7 93	8 07	8 18	8 01
60000	7 61	7 63	8 04	8 27	8 21	8 26	8 26	8 26	8 21	8 18	7 81	7 99	7 91	8 06	8 20	7 98
70000	7 59	7 55	8 04	8 28	8 21	8 28	8 28	8 26	8 23	8 20	7 81	8 03	7 92	8 13	8 18	8 02
80000	7 63	7 57	8 07	8 30	8 21	8 29	8 34	8 29	8 29	8 24	7 84	8 07	7 93	8 21	8 22	7 99
90000	7 66	7 76	8 09	8 31	8 28	8 34	8 40	8 33	8 38	8 25	7 89	8 12	8 01	8 29	8 28	8 08
100000	7 67	7 85	8 11	8 34	8 31	8 45	8 44	8 36	8 43	8 22	7 96	8 16	8 11	8 37	8 33	8 11
110000	7 69	7 86	8 13	8 37	8 36	8 55	8 45	8 39	8 48	8 17	8 02	8 18	8 18	8 44	8 36	8 15
120000	7 71	7 87	8 16	8 38	8 39	8 59	8 48	8 39	8 51	8 12	7 99	8 21	8 24	8 49	8 38	8 16
130000	7 70	7 97	8 17	8 39	8 41	8 62	8 49	8 40	8 54	8 08	8 03	8 25	8 29	8 52	8 39	8 17
140000	7 76	8 00	8 16	8 40	8 42	8 63	8 50	8 39	8 52	8 00	8 04	8 24	8 33	8 53	8 38	8 18
150000	7 78	8 03	8 15	8 42	8 44	8 67	8 51	8 40	8 48	7 99	8 00	8 29	8 35	8 57	8 41	8 19
160000	7 76	8 01	8 15	8 43	8 41	8 67	8 48	8 42	8 49	8 00	7 95	8 29	8 37	8 58	8 41	8 17
170000	7 77	8 04	8 16	8 42	8 40	8 71	8 44	8 40	8 46	7 98	8 00	8 26	8 35	8 56	8 40	8 17
180000	7 77	8 06	8 13	8 43	8 39	8 68	8 41	8 38	8 44	8 00	7 97	8 21	8 32	8 57	8 35	8 18
190000	7 86	8 08	8 14	8 40	8 37	8 67	8 38	8 34	8 42	7 99	7 94	8 13	8 28	8 57	8 29	8 15
200000	7 87	8 07	8 13	8 35	8 34	8 61	8 31	8 30	8 36	7 96	7 89	8 03	8 22	8 52	8 24	8 09
210000	7 99	8 07	8 14	8 33	8 32	8 52	8 30	8 29	8 32	7 94	7 87	7 98	8 17	8 46	8 21	8 02
220000	8 09	8 08	8 11	8 31	8 30	8 47	8 29	8 26	8 28	7 93	7 89	7 96	8 11	8 43	8 16	7 97
230000	8 03	8 07	8 12	8 31	8 29	8 42	8 27	8 26	8 23	7 94	7 87	7 95	8 10	8 38	8 10	7 96
Daily Max	8 09	8 08	8 11	8 43	8 44	8 71	8 51	8 42	8 54	8 25	8 04	8 29	8 37	8 58	8 41	8 19
Daily Min	7 59	7 55	8 04	8 27	8 21	8 25	8 26	8 22	8 21	7 93	7 81	7 88	7 91	8 06	8 10	7 96
Average	7 75	7 89	8 04	8 35	8 32	8 46	8 38	8 32	8 35	8 08	7 92	8 08	8 12	8 34	8 29	8 08

License max pH: 9
License min pH: 6

Caldron Falls Bridge pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	0	790	789	789	781	815	793	803	8	791	801	795	8	796	794
10000	789	801	778	789	781	815	794	802	799	791	802	795	801	797	797
20000	787	803	776	789	783	811	794	801	798	792	802	796	802	798	799
30000	786	803	768	787	783	811	795	798	799	792	802	796	801	797	797
40000	786	802	76	784	781	811	795	797	8	792	804	795	801	799	796
50000	786	799	758	779	782	811	793	797	8	792	802	794	8	799	795
60000	787	797	757	779	782	81	791	795	801	791	803	793	801	8	795
70000	786	795	756	778	781	808	79	794	799	791	804	794	8	8	796
80000	787	795	757	781	785	81	791	795	798	792	805	795	801	802	799
90000	788	800	759	787	793	813	793	796	798	794	808	798	805	803	804
100000	789	806	76	794	798	818	8	789	798	796	809	801	807	805	807
110000	793	811	763	798	806	809	801	794	799	799	811	806	808	806	808
120000	796	812	767	8	81	81	803	803	801	803	813	806	808	801	809
130000	800	809	776	803	831	811	81	802	801	805	815	805	809	802	806
140000	804	812	779	805	838	816	812	802	8	806	815	806	808	802	792
150000	807	811	774	803	843	823	812	802	801	807	813	806	809	802	791
160000	809	809	771	799	848	825	809	801	802	806	812	807	808	803	79
170000	810	810	786	8	849	826	809	799	8	808	811	808	806	801	789
180000	807	808	799	796	84	826	81	794	797	806	808	806	802	8	788
190000	808	802	793	791	835	819	806	793	795	806	804	805	797	797	784
200000	805	798	788	785	83	812	803	79	794	805	801	803	796	795	779
210000	801	792	788	782	826	804	8	792	794	804	798	804	795	794	777
220000	800	785	789	782	821	799	802	796	793	803	796	804	796	793	778
230000	799	781	791	782	816	795	801	8	793	801	795	804	796	792	781
Daily Max	810	812	799	805	849	826	812	803	802	808	815	808	809	806	809
Daily Min	786	781	756	778	781	795	790	789	793	791	795	793	795	792	777
Average	796	802	774	790	809	813	800	797	798	799	806	801	802	799	794

Caldron Falls Bridge pH Summary - September 2006

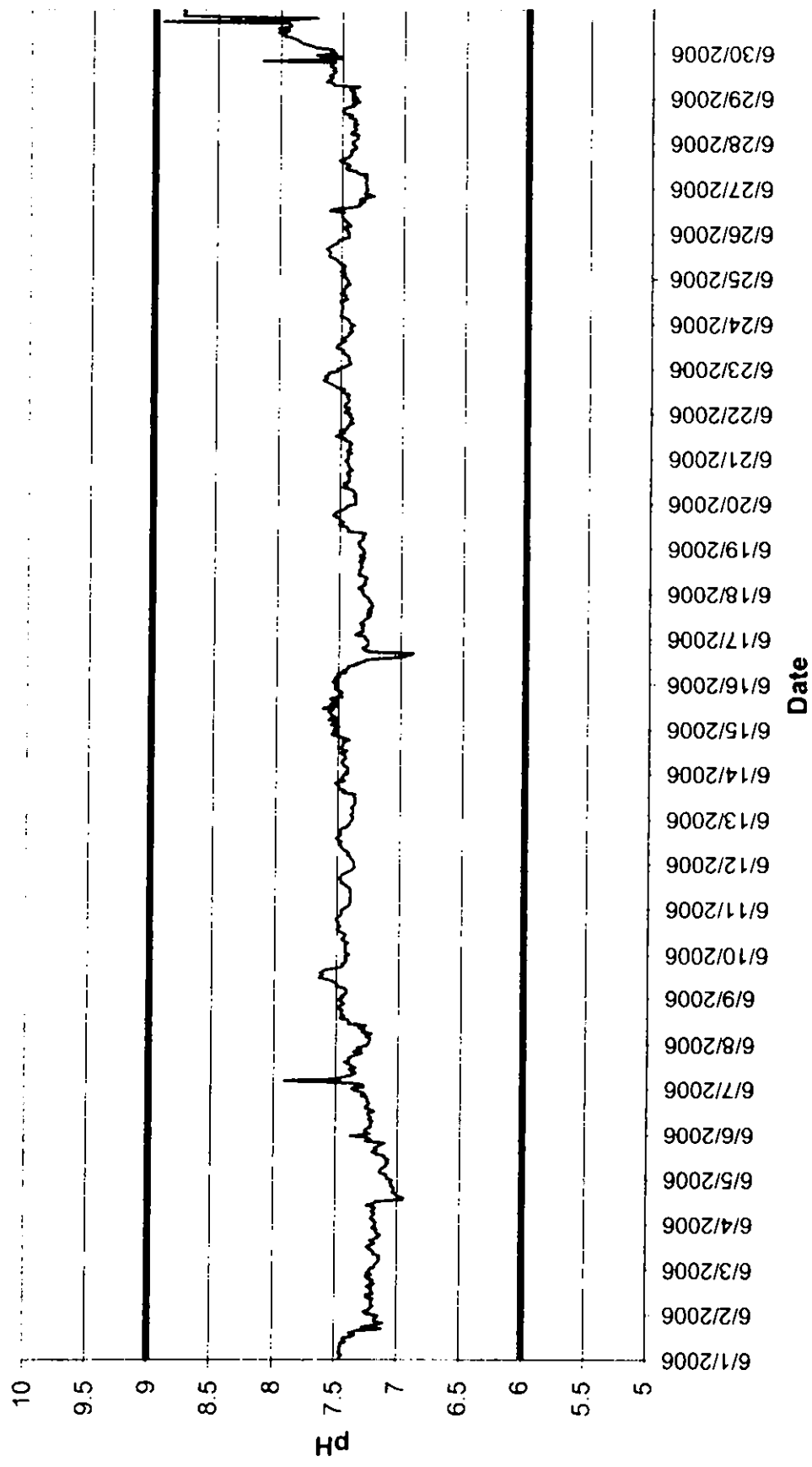
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06
0	7.86	7.92	7.88	7.90	7.77	7.84	7.85	7.67	7.88	7.93	7.96	7.80	7.89	7.96	7.94
10000	7.88	7.92	7.92	7.98	7.80	7.79	7.87	7.67	7.91	7.94	7.96	7.79	7.90	7.95	7.92
20000	7.89	7.95	7.93	7.95	7.82	7.73	7.87	7.67	7.95	7.96	7.96	7.76	7.90	7.95	7.92
30000	7.91	7.95	7.91	7.89	7.80	7.72	7.85	7.69	7.92	7.97	7.97	7.75	7.91	7.94	7.92
40000	7.92	7.92	7.91	7.86	7.78	7.72	7.83	7.70	7.93	7.97	7.95	7.75	7.92	7.93	7.92
50000	7.93	7.93	7.93	7.80	7.79	7.72	7.87	7.72	7.94	7.97	7.93	7.76	7.92	7.93	7.94
60000	7.94	7.94	7.97	7.75	7.78	7.71	7.93	7.75	7.97	7.97	7.91	7.77	7.93	7.93	7.96
70000	7.94	7.96	7.99	7.76	7.78	7.69	7.98	7.77	7.97	7.97	7.90	7.77	7.92	7.93	7.95
80000	7.96	8.00	8.01	7.79	7.77	7.70	8.01	7.78	8.00	7.99	7.90	7.79	7.93	7.95	7.97
90000	7.99	8.06	8.03	7.87	7.79	7.71	8.00	7.81	8.05	8.00	7.91	7.78	7.96	7.98	7.99
100000	8.02	8.08	8.07	7.91	7.81	7.71	8.00	7.81	8.08	8.01	7.94	7.79	7.99	8.00	8.03
110000	8.03	8.09	8.08	7.92	7.82	7.72	8.01	7.81	8.08	8.01	7.94	7.79	8.00	8.02	8.04
120000	8.02	8.10	8.09	7.92	7.80	7.75	8.06	7.88	8.03	8.02	7.93	7.81	7.98	8.03	8.06
130000	8.05	8.12	8.11	7.91	7.83	7.77	7.99	7.90	7.91	8.05	7.93	7.84	7.96	8.03	8.04
140000	8.06	8.10	8.14	7.88	7.83	7.78	7.99	7.87	7.87	8.06	7.90	7.86	8.01	8.03	8.03
150000	8.02	8.08	8.09	7.87	7.83	7.77	7.98	7.83	7.85	8.03	7.86	7.87	8.05	8.03	8.03
160000	7.96	8.02	8.08	7.86	7.89	7.78	8.09	7.79	7.82	7.99	7.81	7.87	8.07	8.03	8.03
170000	7.96	7.99	8.10	7.91	7.87	7.77	8.11	7.76	7.86	8.00	7.79	7.88	8.05	8.03	8.06
180000	7.92	7.96	8.04	7.93	7.83	7.81	8.02	7.77	7.86	7.95	7.75	7.89	8.03	8.01	8.05
190000	7.91	7.90	8.05	7.85	7.74	7.83	7.98	7.75	7.85	7.89	7.76	7.89	8.00	7.99	8.02
200000	7.88	7.84	7.99	7.79	7.67	7.80	7.87	7.76	7.87	7.88	7.78	7.89	8.00	7.98	8.02
210000	7.86	7.82	7.98	7.76	7.66	7.77	7.79	7.79	7.88	7.90	7.79	7.90	7.98	7.99	7.99
220000	7.88	7.81	7.93	7.76	7.71	7.81	7.69	7.82	7.90	7.94	7.81	7.89	7.98	7.97	7.97
230000	7.88	7.83	7.90	7.77	7.77	7.83	7.68	7.83	7.93	7.95	7.80	7.90	7.97	7.95	7.93
Daily Max	8.06	8.12	8.14	7.98	7.89	7.84	8.11	7.90	8.08	8.06	7.97	7.90	8.07	8.03	8.06
Daily Min	7.86	7.81	7.88	7.75	7.66	7.69	7.68	7.67	7.82	7.88	7.75	7.75	7.89	7.93	7.92
Average	7.94	7.97	8.01	7.86	7.79	7.76	7.93	7.78	7.93	7.97	7.88	7.82	7.97	7.98	7.99
License max pH: 9															
License min pH: 6															

Caldron Falls Bridge pH Summary - September 2006

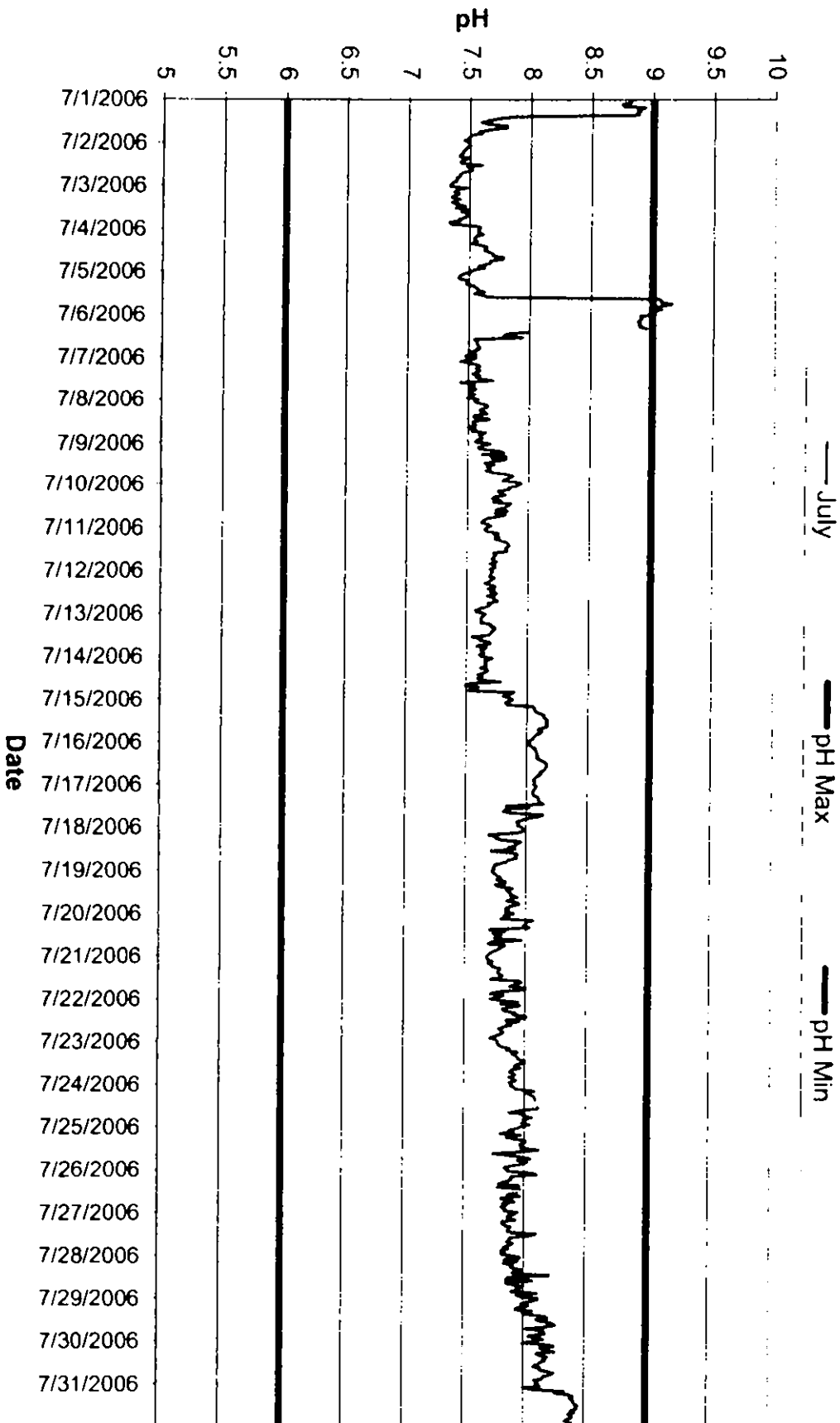
Time	09/16/06	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	7.94	7.93	8.22	8.21	8.12	8.11	7.98	7.95	7.96	8.07	8.06	8.10	8.08	8.06	8.09
10000	7.94	7.93	8.29	8.18	8.12	8.11	7.98	7.97	7.96	8.06	8.06	8.11	8.08	8.06	8.08
20000	7.93	7.91	8.32	8.16	8.11	8.11	7.98	8.00	7.94	8.05	8.06	8.10	8.08	8.06	8.06
30000	7.92	7.91	8.31	8.15	8.11	8.10	7.97	7.98	8.00	8.04	8.05	8.10	8.07	8.05	8.06
40000	7.92	7.90	8.29	8.15	8.10	8.10	7.96	7.98	8.04	8.03	8.05	8.09	8.08	8.05	8.06
50000	7.90	7.88	8.25	8.14	8.09	8.10	7.96	7.99	8.06	8.03	8.05	8.08	8.07	8.05	8.06
60000	7.88	7.88	8.19	8.13	8.09	8.09	7.96	7.99	8.05	8.02	8.04	8.08	8.07	8.05	8.06
70000	7.88	7.89	8.13	8.13	8.09	8.09	7.95	7.99	8.05	8.01	8.04	8.06	8.07	8.04	8.05
80000	7.86	7.89	8.12	8.15	8.10	8.10	7.97	8.00	8.05	8.02	8.05	8.06	8.08	8.06	8.06
90000	7.88	7.96	8.21	8.19	8.13	8.13	7.98	8.02	8.07	8.04	8.07	8.07	8.10	8.09	8.08
100000	7.91	7.97	8.30	8.21	8.17	8.16	7.95	8.04	8.08	8.06	8.09	8.09	8.12	8.11	8.11
110000	7.94	7.97	8.38	8.23	8.20	8.19	7.91	8.07	8.05	8.08	8.12	8.12	8.15	8.14	8.13
120000	7.95	8.04	8.42	8.24	8.20	8.21	7.86	8.09	8.05	8.11	8.15	8.13	8.14	8.16	8.17
130000	7.97	8.10	8.35	8.24	8.22	8.20	7.87	8.11	8.06	8.12	8.18	8.14	8.14	8.18	8.18
140000	7.96	8.10	8.37	8.26	8.23	8.21	7.84	8.11	8.08	8.14	8.19	8.11	8.13	8.19	8.18
150000	7.97	8.13	8.38	8.27	8.25	8.19	7.85	8.11	8.10	8.13	8.21	8.12	8.16	8.20	8.19
160000	8.05	8.15	8.34	8.28	8.26	8.19	7.88	8.09	8.12	8.13	8.21	8.12	8.15	8.20	8.21
170000	8.02	8.22	8.33	8.26	8.26	8.16	7.89	8.04	8.13	8.12	8.21	8.11	8.16	8.19	8.21
180000	8.02	8.24	8.30	8.24	8.23	8.11	7.88	8.02	8.13	8.10	8.18	8.10	8.15	8.15	8.19
190000	7.97	8.29	8.26	8.19	8.19	8.08	7.86	8.03	8.13	8.09	8.15	8.09	8.13	8.12	8.18
200000	7.95	8.30	8.24	8.17	8.16	8.07	7.86	8.02	8.12	8.08	8.14	8.08	8.11	8.10	8.15
210000	7.94	8.30	8.23	8.15	8.14	8.05	7.87	8.02	8.09	8.07	8.12	8.08	8.08	8.10	8.15
220000	7.96	8.27	8.24	8.14	8.13	8.03	7.91	8.00	8.08	8.06	8.12	8.08	8.08	8.09	8.15
230000	7.95	8.22	8.22	8.13	8.12	8.00	7.93	7.98	8.08	8.07	8.12	8.08	8.06	8.09	8.14
Daily Max	8.05	8.30	8.42	8.28	8.26	8.21	7.98	8.11	8.13	8.14	8.21	8.14	8.16	8.20	8.21
Daily Min	7.86	7.88	8.12	8.13	8.09	8.00	7.84	7.95	7.94	8.01	8.04	8.06	8.06	8.04	8.05
Average	7.94	8.06	8.28	8.19	8.16	8.12	7.92	8.03	8.06	8.07	8.11	8.10	8.11	8.11	8.13

High Falls Tailrace pH Summary - June 2006

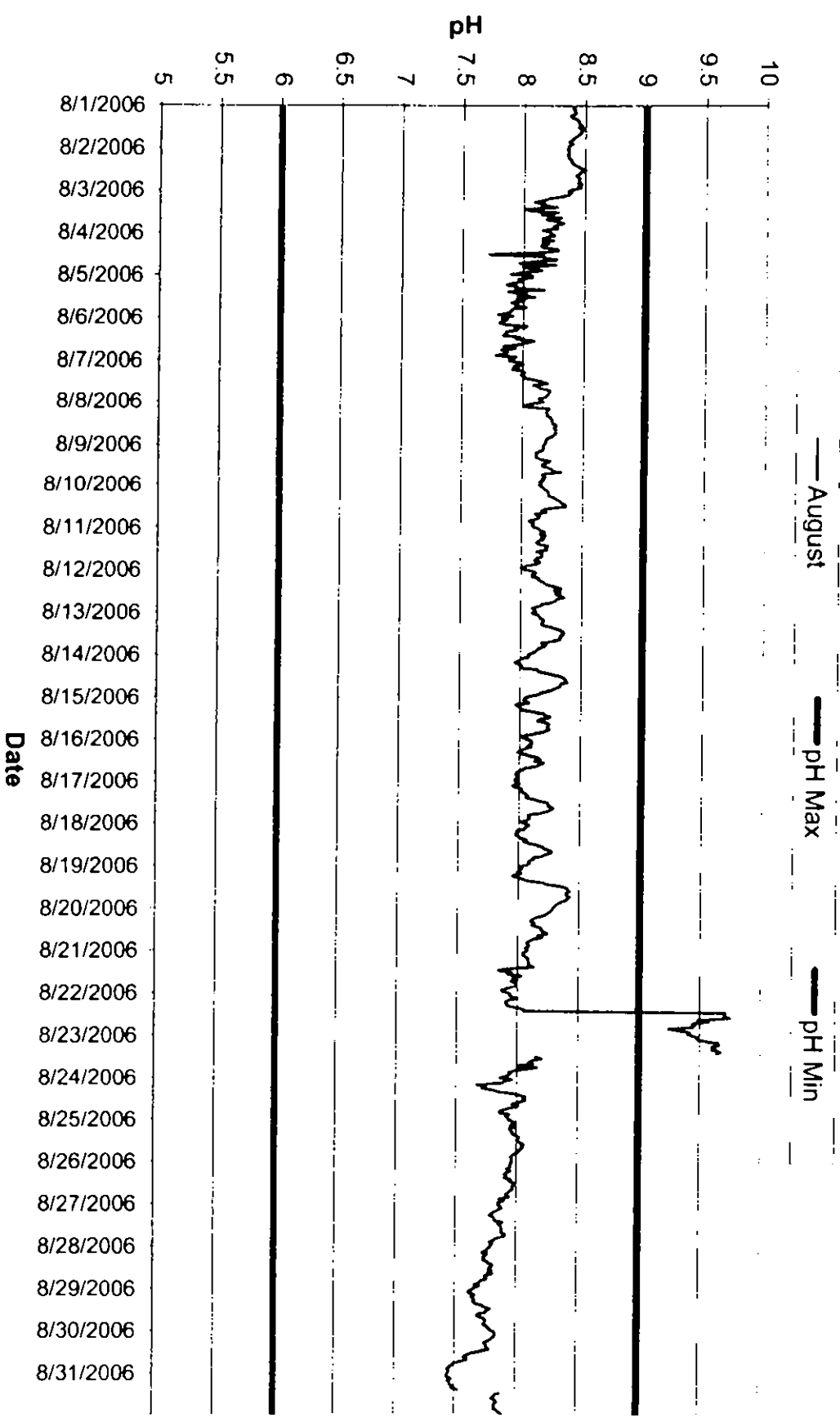
June pH Max pH Min



High Falls Tailrace pH Summary - July 2006

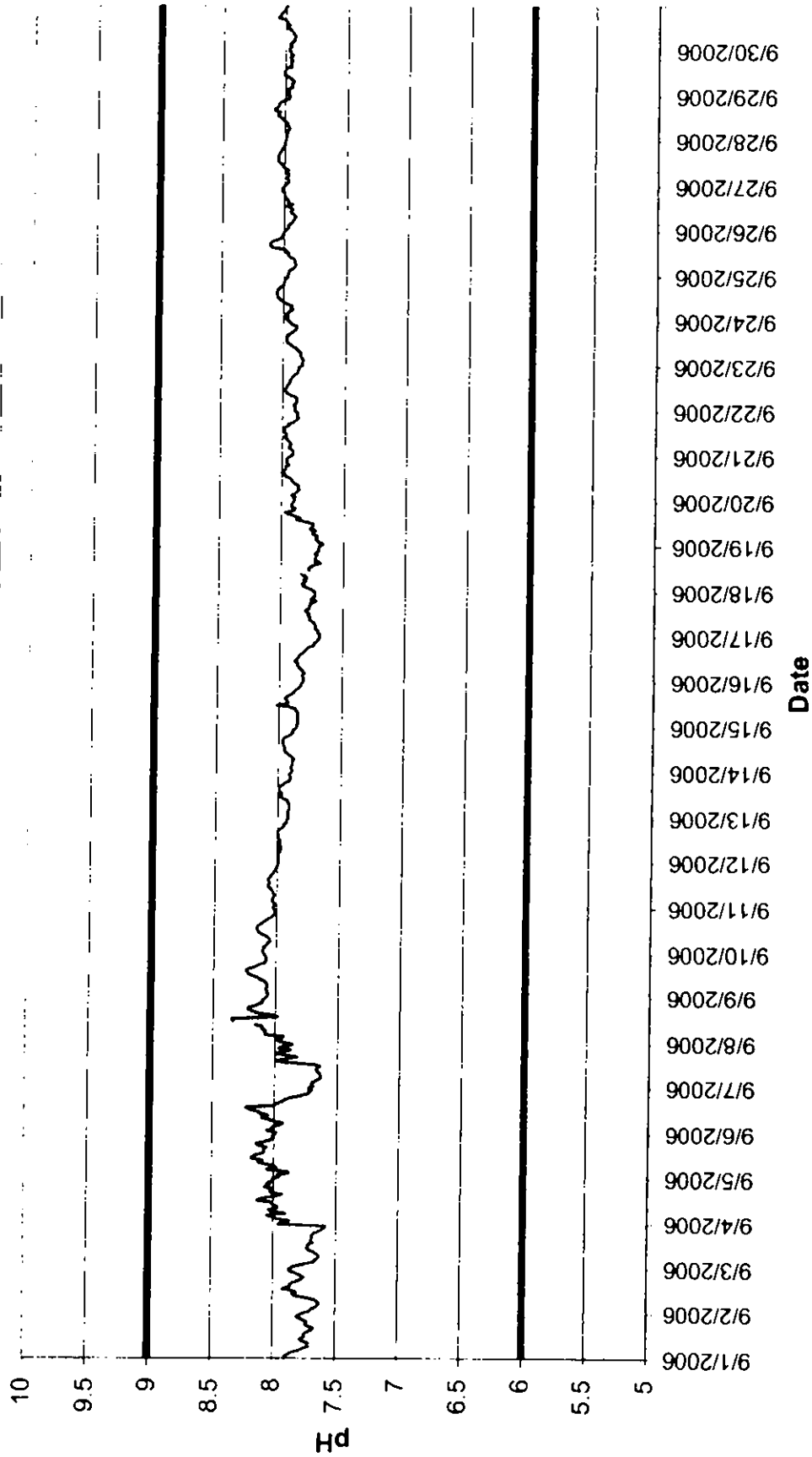


High Falls Tailrace pH Summary - August 2006



High Falls Tailrace pH Summary - September 2006

— September — pH Max — pH Min



High Falls Tailrace pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	07:46	7:24	7:22	7:18	7:08	7:22	7:37	7:24	7:45	7:40	7:45	7:37	7:38	7:42	7:52	7:50
0	7:46	7:24	7:22	7:18	7:08	7:22	7:37	7:24	7:45	7:40	7:45	7:37	7:38	7:42	7:52	7:50
10000	7:45	7:26	7:18	7:17	7:09	7:26	7:27	7:24	7:46	7:43	7:42	7:37	7:38	7:44	7:49	7:55
20000	7:44	7:22	7:18	7:19	7:09	7:26	7:29	7:23	7:42	7:43	7:40	7:38	7:40	7:44	7:49	7:55
30000	7:46	7:21	7:16	7:21	7:14	7:25	7:38	7:23	7:42	7:43	7:40	7:39	7:38	7:42	7:56	7:52
40000	7:46	7:19	7:15	7:20	7:14	7:22	7:91	7:26	7:42	7:43	7:39	7:40	7:38	7:45	7:53	7:53
50000	7:45	7:21	7:14	7:19	7:13	7:22	7:51	7:22	7:43	7:43	7:40	7:42	7:38	7:45	7:51	7:49
60000	7:46	7:20	7:15	7:18	7:10	7:22	7:43	7:22	7:50	7:41	7:39	7:41	7:39	7:47	7:52	7:44
70000	7:45	7:21	7:14	7:21	7:09	7:20	7:38	7:27	7:49	7:44	7:39	7:44	7:38	7:46	7:55	7:47
80000	7:45	7:19	7:19	7:18	7:08	7:23	7:34	7:32	7:50	7:46	7:39	7:46	7:36	7:44	7:56	7:43
90000	7:41	7:24	7:19	7:18	7:09	7:22	7:36	7:26	7:53	7:44	7:40	7:47	7:36	7:45	7:58	7:43
100000	7:43	7:25	7:20	7:25	7:07	7:23	7:39	7:40	7:56	7:43	7:39	7:48	7:36	7:45	7:54	7:38
110000	7:43	7:19	7:23	7:19	7:10	7:24	7:34	7:40	7:64	7:45	7:40	7:48	7:36	7:48	7:62	7:35
120000	7:36	7:20	7:24	7:17	7:10	7:19	7:38	7:41	7:63	7:49	7:42	7:47	7:37	7:43	7:50	7:29
130000	7:33	7:21	7:19	6:96	7:17	7:23	7:39	7:47	7:61	7:50	7:44	7:50	7:36	7:47	7:57	7:28
140000	7:38	7:20	7:18	6:95	7:20	7:26	7:43	7:44	7:63	7:48	7:47	7:51	7:46	7:48	7:50	7:02
150000	7:32	7:24	7:22	7:00	7:16	7:25	7:39	7:46	7:61	7:48	7:47	7:48	7:44	7:46	7:51	6:96
160000	7:12	7:18	7:17	7:02	7:19	7:23	7:40	7:46	7:58	7:49	7:48	7:48	7:49	7:46	7:57	6:90
170000	7:28	7:21	7:15	7:04	7:16	7:24	7:38	7:45	7:48	7:49	7:48	7:48	7:49	7:46	7:47	7:24
180000	7:17	7:19	7:13	7:03	7:13	7:25	7:34	7:48	7:45	7:51	7:46	7:46	7:50	7:41	7:49	7:30
190000	7:11	7:23	7:16	7:03	7:10	7:25	7:29	7:49	7:46	7:50	7:44	7:46	7:52	7:46	7:47	7:31
200000	7:18	7:25	7:17	7:05	7:26	7:29	7:36	7:45	7:43	7:47	7:40	7:42	7:45	7:50	7:49	7:27
210000	7:18	7:20	7:16	7:05	7:22	7:26	7:30	7:44	7:42	7:47	7:38	7:41	7:48	7:55	7:53	7:27
220000	7:16	7:24	7:20	7:06	7:25	7:29	7:33	7:47	7:43	7:46	7:36	7:40	7:46	7:50	7:51	7:26
230000	7:15	7:22	7:17	7:04	7:38	7:34	7:27	7:48	7:43	7:47	7:37	7:39	7:46	7:54	7:53	7:27
Daily Max	7:46	7:26	7:24	7:25	7:38	7:34	7:91	7:49	7:64	7:51	7:48	7:51	7:52	7:55	7:62	7:55
Daily Min	7:11	7:18	7:13	6:95	7:07	7:19	7:27	7:22	7:42	7:40	7:36	7:37	7:36	7:41	7:47	6:90
Average	7:34	7:22	7:18	7:11	7:15	7:24	7:38	7:37	7:50	7:46	7:42	7:44	7:42	7:46	7:53	7:33

Liscense maximum pH: 9
Liscense minimum pH: 6

High Falls Tailrace pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0	7:29	7:31	7:32	7:37	7:44	7:42	7:53	7:42	7:46	7:45	7:42	7:38	7:55
10000	7:29	7:32	7:34	7:38	7:44	7:47	7:47	7:49	7:44	7:47	7:30	7:41	7:42	7:59
20000	7:37	7:31	7:34	7:38	7:44	7:47	7:44	7:44	7:50	7:46	7:31	7:38	7:42	7:58
30000	7:34	7:35	7:35	7:37	7:41	7:43	7:42	7:47	7:47	7:49	7:31	7:38	7:40	7:72
40000	7:31	7:31	7:33	7:39	7:45	7:47	7:43	7:51	7:51	7:43	7:31	7:37	7:43	7:75
50000	7:31	7:29	7:31	7:37	7:42	7:46	7:44	7:50	7:48	7:45	7:30	7:43	7:44	7:81
60000	7:32	7:30	7:32	7:39	7:42	7:45	7:44	7:49	7:48	7:46	7:32	7:43	7:36	7:84
70000	7:30	7:29	7:30	7:39	7:43	7:43	7:44	7:50	7:47	7:48	7:30	7:39	7:57	7:86
80000	7:33	7:28	7:29	7:42	7:41	7:44	7:47	7:49	7:51	7:49	7:37	7:39	7:58	7:89
90000	7:31	7:29	7:44	7:48	7:42	7:45	7:49	7:49	7:53	7:50	7:39	7:41	7:63	7:97
100000	7:29	7:35	7:43	7:45	7:47	7:43	7:48	7:49	7:53	0.00	7:46	7:38	7:59	7:96
110000	7:26	7:34	7:44	7:47	7:46	7:47	7:52	7:50	7:57	7:48	7:47	7:41	7:58	8.02
120000	7:25	7:34	7:47	7:43	7:54	7:50	7:54	7:51	7:60	7:60	7:44	7:39	7:61	7:93
130000	7:28	7:33	7:51	7:43	7:51	7:47	7:52	7:45	7:60	7:57	7:45	7:40	7:58	8.02
140000	7:24	7:32	7:47	7:43	7:47	7:53	7:50	7:47	7:59	7:38	7:50	7:45	7:55	7:93
150000	7:27	7:33	7:50	7:42	7:51	7:55	7:46	7:46	7:61	7:35	7:52	7:42	7:58	7:91
160000	7:24	7:32	7:50	7:45	7:45	7:58	7:50	7:51	7:62	7:36	7:47	7:48	7:56	7:93
170000	7:23	7:34	7:53	7:44	7:45	7:61	7:46	7:48	7:59	7:32	7:44	7:50	7:60	8.94
180000	7:24	7:31	7:55	7:40	7:44	7:64	7:44	7:48	7:57	7:36	7:43	7:49	7:59	7:88
190000	7:24	7:30	7:54	7:42	7:40	7:61	7:44	7:47	7:53	7:29	7:42	7:46	7:56	7:70
200000	7:26	7:34	7:51	7:43	7:42	7:63	7:41	7:47	7:53	7:24	7:43	7:40	8.14	8.78
210000	7:26	7:30	7:47	7:44	7:41	7:60	7:42	7:43	7:51	7:32	7:39	7:42	7:53	8.78
220000	7:28	7:30	7:45	7:44	7:41	7:60	7:43	7:45	7:44	7:31	7:39	7:36	7:50	8.76
230000	7:30	7:31	7:44	7:46	7:43	7:52	7:39	7:45	7:45	7:29	7:41	7:42	7:71	8.78
Daily Max	7:37	7:35	7:55	7:48	7:54	7:64	7:54	7:51	7:62	7:60	7:52	7:50	8.14	8.94
Daily Min	7:23	7:28	7:29	7:37	7:40	7:42	7:39	7:42	7:44	0.00	7:30	7:36	7:36	7:55
Average	7:28	7:32	7:42	7:42	7:44	7:51	7:46	7:47	7:53	7:11	7:39	7:42	7:55	8.04

High pH readings likely due to equipment problems

High Falls Tailrace pH Summary - July 2006

Time HHMMSS	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06
0	8.81	7.50	7.34	7.57	7.51	8.98	7.56	7.58	7.68	7.94	7.65	7.71	7.65	7.63	7.88
10000	8.81	7.50	7.47	7.58	7.46	8.90	7.52	7.55	7.63	7.90	7.64	7.70	7.63	7.71	7.85
20000	8.74	7.47	7.39	7.57	7.42	8.91	7.43	7.57	7.58	7.83	7.66	7.69	7.62	7.65	7.82
30000	8.78	7.46	7.37	7.61	7.41	8.91	7.50	7.63	7.60	7.84	7.75	7.68	7.61	7.65	7.84
40000	8.93	7.44	7.41	7.55	7.42	8.88	7.58	7.66	7.75	7.75	7.72	7.72	7.62	7.66	8.05
50000	8.87	7.44	7.37	7.54	7.48	8.90	7.59	7.63	7.79	7.77	7.76	7.70	7.61	7.66	8.06
60000	8.89	7.42	7.35	7.54	7.48	8.89	7.56	7.59	7.61	7.81	7.72	7.67	7.70	7.61	8.06
70000	8.86	7.41	7.42	7.56	7.48	8.90	7.59	7.62	7.81	7.73	7.77	7.64	7.69	7.66	8.07
80000	8.88	7.50	7.37	7.52	7.54	8.95	7.57	7.65	7.69	7.70	7.82	7.70	7.73	7.67	8.11
90000	7.87	7.45	7.35	7.59	7.56		7.53	7.54	7.81	7.77	7.83	7.73	7.72	7.65	8.14
100000	7.73	7.42	7.41	7.63	7.57	7.98	7.59	7.56	7.72	7.71	7.84	7.67	7.70	7.59	8.14
110000	7.67	7.43	7.46	7.64	7.62	7.81	7.56	7.67	7.63	7.85	7.81	7.72	7.70	7.63	8.15
120000	7.59	7.60	7.38	7.62	7.54	7.78	7.61	7.54	7.71	7.83	7.82	7.69	7.68	7.59	8.17
130000	7.65	7.47	7.49	7.66	7.61	7.94	7.70	7.54	7.65	7.80	7.82	7.74	7.54	7.62	8.16
140000	7.80	7.51	7.43	7.69	7.65	7.54	7.43	7.56	7.68	7.73	7.71	7.66	7.62	7.78	8.16
150000	7.80	7.52	7.49	7.69	9.05	7.57	7.54	7.50	7.68	7.83	7.73	7.72	7.61	7.54	8.17
160000	7.67	7.44	7.48	7.78	9.07	7.57	7.55	7.56	7.64	7.72	7.72	7.72	7.69	7.49	8.14
170000	7.57	7.42	7.47	7.77	9.07	7.57	7.50	7.53	7.69	7.81	7.70	7.75	7.69	7.60	8.09
180000	7.60	7.42	7.41	7.67	9.16	7.58	7.56	7.64	7.81	7.75	7.71	7.67	7.58	7.53	8.12
190000	7.51	7.39	7.42	7.67	9.08	7.59	7.51	7.59	7.87	7.65	7.74	7.69	7.66	7.52	8.11
200000	7.50	7.39	7.33	7.63	9.03	7.55	7.51	7.60	7.85	7.63	7.68	7.66	7.62	7.89	8.07
210000	7.48	7.39	7.34	7.57	9.07	7.50	7.55	7.61	7.81	7.61	7.72	7.61	7.62	7.86	8.06
220000	7.45	7.35	7.55	7.62	9.00	7.56	7.53	7.57	7.78	7.66	7.73	7.57	7.64	7.80	8.05
230000	7.48	7.34	7.59	7.53	9.02	7.47	7.49	7.56	7.93	7.69	7.68	7.58	7.60	7.84	8.03
Daily Max	8.93	7.60	7.59	7.78	9.16	8.98	7.70	7.67	7.93	7.94	7.84	7.75	7.73	7.89	8.17
Daily Min	7.45	7.34	7.33	7.52	7.41	7.47	7.43	7.50	7.58	7.61	7.64	7.57	7.54	7.49	7.82
Average	8.08	7.45	7.42	7.62	8.10	8.14	7.54	7.59	7.73	7.76	7.74	7.68	7.65	7.66	8.06

High pH values likely due to monitoring equipment problems
 Missing data due to equipment change 7/6

Liscense maximum pH: 9
 Liscense minimum pH: 6

High Falls Tailrace pH Summary - July 2006

	07/16/06	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
8.01	8.06	7.97	7.72	7.72	7.90	7.68	7.71	7.77	7.89	7.97	7.86	7.95	7.90	8.12	8.09	8.10
8.02	8.07	7.98	7.73	7.73	7.82	7.68	7.79	7.77	7.88	7.95	7.86	7.92	7.97	8.10	7.99	8.14
8.02	8.07	7.98	7.75	7.75	7.86	7.69	7.94	7.78	7.91	7.87	8.06	7.86	7.84	8.03	8.19	8.00
8.05	8.06	7.93	7.76	7.76	7.79	7.73	7.80	7.81	7.93	7.91	8.10	7.87	7.95	7.98	8.25	8.07
8.07	8.05	7.69	7.79	7.79	8.06	7.69	7.96	7.87	8.08	7.80	7.90	7.93	7.83	8.04	8.14	8.34
8.07	8.05	7.75	7.76	7.76	8.01	7.72	7.86	7.85	8.01	7.97	7.88	7.82	7.91	7.95	8.18	8.26
8.08	8.06	7.75	7.83	7.83	8.00	7.73	7.81	7.94	8.04	7.85	7.89	7.82	7.89	7.93	8.26	8.37
8.08	8.09	7.80	7.83	7.83	7.98	7.79	7.84	7.89	8.07	7.92	7.84	7.84	7.93	8.07	8.11	8.41
8.09	8.10	7.96	7.75	7.75	8.03	7.78	7.92	7.92	8.08	8.01	7.79	7.89	7.99	7.99	8.14	8.38
8.08	8.10	7.92	7.78	7.78	7.70	7.77	7.90	7.94	8.09	8.01	7.96	7.87	7.90	8.04	8.20	8.40
8.11	8.11	7.91	7.89	7.89	7.83	7.78	8.01	7.94	7.96	7.98	7.78	7.86	7.91	8.18	8.16	8.42
8.14	8.14	7.85	7.84	7.84	7.73	7.81	8.00	8.00	7.98	7.96	7.97	7.90	8.21	8.18	8.18	8.42
8.16	7.83	7.91	7.86	7.86	7.80	7.79	7.84	8.00	7.97	7.97	7.97	8.10	7.87	8.10	8.14	8.45
8.16	8.02	7.71	7.88	7.88	7.75	7.71	7.95	7.93	8.11	8.12	7.94	8.12	7.85	8.18	8.12	8.43
8.16	7.83	7.89	7.87	7.87	7.75	7.95	7.85	7.91	8.11	7.99	7.86	7.88	8.07	8.24	8.08	8.44
8.15	7.81	7.93	7.93	7.93	7.97	7.97	7.88	7.97	7.96	7.74	7.97	7.88	7.85	8.26	8.14	8.39
8.14	7.86	7.91	7.88	7.88	7.72	7.92	7.81	7.89	7.87	7.86	7.81	7.86	7.90	8.17	8.13	8.42
8.11	8.14	7.92	7.84	7.84	7.69	7.87	7.78	7.87	8.00	7.97	7.86	7.91	7.98	8.02	8.20	8.37
8.12	8.11	7.85	7.93	7.93	7.83	8.00	7.81	7.91	7.99	8.05	7.92	7.87	7.94	8.17	8.25	8.40
8.10	8.02	7.84	7.95	7.95	7.80	8.00	7.82	7.92	8.06	7.94	7.82	7.83	7.97	8.14	8.21	8.40
8.07	7.97	7.78	7.87	7.87	7.78	7.78	7.79	7.87	7.99	8.02	7.85	7.87	7.89	8.18	8.16	8.36
8.05	7.92	7.74	7.83	7.83	7.74	7.71	7.75	7.90	8.01	7.99	7.81	7.81	8.11	8.04	8.16	8.34
8.07	7.94	7.73	7.86	7.86	7.71	7.82	7.71	7.93	7.98	7.88	7.84	7.84	7.94	8.08	8.09	8.40
8.06	7.93	7.74	7.83	7.83	7.69	7.79	7.76	7.87	8.04	7.83	7.84	7.81	7.98	8.16	8.12	8.38
8.16	8.14	7.98	7.95	7.95	8.06	8.00	8.01	8.00	8.11	8.12	8.10	8.10	8.21	8.26	8.26	8.45
8.01	7.81	7.69	7.72	7.69	7.69	7.68	7.71	7.77	7.87	7.74	7.78	7.81	7.83	7.93	7.99	8.00
8.09	8.01	7.85	7.83	7.83	7.83	7.80	7.85	7.89	8.00	7.94	7.89	7.88	7.94	8.10	8.15	8.34

Missing data on 7/24 due to equipment failure. Had difficulty calibrating new monitor.
 Missing data on 7/27 due to equipment change out.

High Falls Tailrace pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	8.40	8.35	8.36	8.22	8.07	7.82	7.89	8.17	8.17	8.14	8.14	8.09	8.09	8.04	8.08	
10000	8.39	8.36	8.38	8.25	8.07	7.87	7.97	8.08	8.17	8.16	8.15	8.12	8.14	8.07	8.03	
20000	8.41	8.36	8.36	8.19	7.95	7.82	8.00	8.01	8.17	8.18	8.19	8.09	8.15	8.00	8.10	
30000	8.41	8.35	8.31	8.15	7.99	7.80	7.92	8.02	8.16	8.20	8.15	8.09	8.16	7.99	8.07	
40000	8.41	8.36	8.21	8.24	7.92	7.86	7.96	8.22	8.11	8.22	8.20	8.14	8.19	7.95	8.07	
50000	8.37	8.36	8.16	8.15	7.86	8.03	7.91	8.20	8.12	8.22	8.16	8.14	8.18	8.00	8.09	
60000	8.38	8.38	8.08	8.20	7.94	7.93	8.00	8.19	8.11	8.22	8.18	8.17	8.01	8.00	8.04	
70000	8.41	8.38	8.17	8.14	7.93	7.95	8.01	8.20	8.12	8.26	8.14	8.19	8.02	8.02	8.01	
80000	8.44	8.39	8.14	8.16	8.17	7.86	7.98	8.20	8.15	8.28	8.12	8.28	8.15	8.10	8.07	
90000	8.44	8.41	8.27	8.27	7.87	7.86	8.01	8.23	8.23	8.31	8.14	8.22	8.28	8.19	8.03	
100000	8.45	8.44	8.01	8.28	8.02	7.83	8.01	8.24	8.20	8.33	8.22	8.33	8.29	8.20	8.15	
110000	8.47	8.46	8.06	8.13	7.95	7.97	8.10	8.24	8.16	8.36	8.20	8.27	8.35	8.25	8.17	
120000	8.44	8.50	8.28	7.71	8.09	7.94	8.15	8.25	8.16	8.36	8.21	8.32	8.32	8.34	8.12	
130000	8.49	8.47	8.14	8.16	7.94	8.09	8.20	8.28	8.21	8.21	8.12	8.28	8.32	8.36	8.20	
140000	8.46	8.45	8.21	8.16	8.00	8.03	8.08	8.26	8.24	8.26	8.17	8.32	8.32	8.20	8.20	
150000	8.46	8.42	8.30	8.27	7.90	7.96	8.13	8.27	8.26	8.20	8.17	8.35	8.32	8.24	8.16	
160000	8.44	8.44	8.18	8.08	7.95	7.84	8.14	8.27	8.32	8.11	8.16	8.35	8.32	8.26	8.13	
170000	8.42	8.45	8.28	7.96	7.93	7.93	8.22	8.27	8.16	8.15	8.12	8.28	8.33	8.23	8.05	
180000	8.40	8.45	8.18	8.26	8.02	7.82	8.22	8.26	8.17	8.14	8.11	8.24	8.33	8.22	8.02	
190000	8.38	8.44	8.27	7.99	7.90	7.87	8.21	8.24	8.19	8.10	8.15	8.17	8.30	8.24	7.98	
200000	8.36	8.47	8.24	8.06	7.90	7.86	8.20	8.20	8.16	8.06	8.13	8.15	8.24	8.15	7.97	
210000	8.39	8.44	8.27	8.15	7.88	7.77	8.19	8.19	8.18	8.10	8.05	8.09	8.17	8.09	7.99	
220000	8.36	8.46	8.15	8.02	7.79	7.94	8.13	8.19	8.14	8.09	8.00	8.11	8.15	8.01	7.98	
230000	8.36	8.40	8.21	7.89	7.91	7.89	8.14	8.18	8.16	8.09	8.01	8.12	8.08	8.03	7.96	
Daily Max	8.49	8.50	8.38	8.28	8.17	8.09	8.22	8.28	8.32	8.36	8.22	8.35	8.35	8.38	8.25	8.20
Daily Min	8.36	8.35	8.01	7.71	7.79	7.77	7.89	8.01	8.11	8.06	8.00	8.09	8.08	7.95	7.96	7.96
Average	8.41	8.42	8.22	8.13	7.96	7.90	8.07	8.20	8.18	8.19	8.14	8.20	8.21	8.18	8.12	8.06

Liscense maximum pH: 9
Liscense minimum pH: 6

High Falls Tairrace pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	0	7 97	8 06	8 01	8 28	8 07	7 94	9 43	7 86	7 93	7 96	7 79	7 64	7 82	7 44
10000	8 00	8 08	8 03	8 27	8 04	7 93	9 49	7 96	7 97	7 95	7 87	7 76	7 61	7 83	7 43
20000	7 94	8 05	8 01	8 25	8 04	7 95	9 48	7 90	7 98	7 95	7 88	7 76	7 62	7 83	7 45
30000	7 96	8 05	7 99	8 23	8 06	8 00	9 55	7 88	7 95	7 95	7 86	7 72	7 66	7 82	7 47
40000	8 02	7 98	8 02	8 19	8 08	7 92	9 65	7 67	7 99	7 92	7 82	7 76	7 64	7 80	7 44
50000	8 01	7 99	7 95	8 14	8 08	7 90	9 66	7 74	7 94	7 95	7 80	7 73	7 65	7 78	7 46
60000	8 03	7 97	7 98	8 11	8 09	7 91	9 60	7 71	7 95	7 93	7 78	7 74	7 66	7 74	7 46
70000	8 05	7 99	8 03	8 10	8 09	7 92	9 63	7 80	7 96	7 90	7 81	7 73	7 65	7 75	7 49
80000	8 07	8 02	8 07	8 13	8 09	7 98	9 60	7 85	7 97	7 92	7 82	7 76	7 67	7 76	7 47
90000	8 05	8 06	8 20	8 11	8 13	8 05	9 67	7 97	7 99	7 90	7 82	7 77	7 72	7 76	7 53
100000	8 11	8 04	8 24	8 16	7 88	8 05	9 64	8 02	8 02	7 96	7 89	7 81	7 74	7 78	0 00
110000	8 16	8 09	8 33	8 19	7 84	9 71	8 07	8 01	8 01	7 94	7 85	7 80	7 79	7 72	7 87
120000	8 23	8 15	8 40	8 19	7 95	9 71	8 15	8 05	8 00	7 98	7 87	7 77	7 76	7 65	7 83
130000	8 24	8 19	8 40	8 21	7 92	9 70	8 20	8 07	8 03	7 99	7 88	7 80	7 75	7 60	7 83
140000	8 24	8 21	8 42	8 24	8 03	9 75	8 13	8 02	8 06	7 96	7 88	7 77	7 69	7 57	7 80
150000	8 28	8 26	8 39	8 16	7 96	9 48	8 09	7 96	8 04	7 97	7 88	7 81	7 76	7 60	7 83
160000	8 26	8 27	8 39	8 20	7 98	9 57	8 13	8 01	8 05	7 96	7 88	7 74	7 71	7 60	7 85
170000	8 22	8 23	8 42	8 13	7 94	9 44	8 00	7 96	8 02	7 94	7 91	7 75	7 75	7 54	7 83
180000	8 18	8 19	8 40	8 10	7 98	9 46	8 16	7 91	8 02	7 92	7 90	7 75	7 75	7 49	7 82
190000	8 07	8 11	8 39	8 07	7 99	9 44	8 07	7 86	8 00	7 92	7 84	7 71	7 74	7 48	7 83
200000	8 08	8 12	8 35	8 08	7 98	9 24	7 97	7 86	7 97	7 94	7 82	7 70	7 73	7 46	7 82
210000	8 09	8 08	8 32	8 09	7 91	9 33	7 93	7 94	7 95	7 86	7 78	7 66	7 76	7 44	7 85
220000	8 06	8 09	8 31	8 06	7 87	9 42	7 94	7 91	7 96	7 90	7 81	7 70	7 78	7 45	7 87
230000	8 01	8 07	8 29	8 08	7 88	9 40	7 92	7 93	7 96	7 85	7 79	7 66	7 79	7 45	7 89
						Missing data due to equipment change 8/23							Missing data due to equipment change 8/31		
Daily Max	8 28	8 27	8 42	8 28	8 13	9 75	9 67	8 07	8 06	7 99	7 91	7 81	7 79	7 83	7 89
Daily Min	7 94	7 97	7 95	8 06	7 84	7 90	7 92	7 67	7 93	7 85	7 78	7 66	7 61	7 44	0 00
Average	8 10	8 10	8 22	8 16	8 00	8 80	8 79	7 91	7 99	7 93	7 85	7 75	7 71	7 66	7 36

High Falls Tailrace pH Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0	7.90	7.74	7.93	7.95	7.98	7.69	7.93	8.07	8.10	8.03	7.99	7.92	7.89	7.86	7.81
10000	7.90	7.70	7.80	7.87	7.97	8.06	7.71	7.98	8.06	8.11	8.02	7.99	7.92	7.89	7.85	7.81
20000	7.87	7.69	7.74	7.96	7.88	8.01	7.70	7.95	8.07	8.10	8.02	7.99	7.92	7.90	7.85	7.81
30000	7.85	7.66	7.67	8.00	7.89	8.01	7.67	7.93	8.07	8.10	8.03	7.99	7.92	7.89	7.85	7.82
40000	7.79	7.64	7.66	8.05	8.05	7.96	7.64	8.08	8.08	8.08	8.04	7.99	7.91	7.89	7.85	7.80
50000	7.76	7.63	7.64	7.90	7.98	7.93	7.63	8.08	8.07	8.07	8.03	7.98	7.91	7.89	7.85	7.81
60000	7.71	7.64	7.63	8.01	8.00	8.00	7.64	8.08	8.07	8.05	8.02	7.98	7.91	7.88	7.85	7.82
70000	7.72	7.67	7.65	8.04	8.07	8.05	7.64	8.11	8.07	8.05	8.02	7.97	7.91	7.88	7.85	7.84
80000	7.71	7.72	7.67	7.97	8.13	8.10	7.66	8.10	8.08	8.06	8.03	7.97	7.92	7.90	7.86	7.85
90000	7.76	7.81	7.71	7.97	8.09	8.05	7.67	8.16	8.10	8.08	8.04	7.98	7.93	7.92	7.87	7.86
100000	7.78	7.84	7.73	8.01	8.18	8.11	7.66	8.16	8.13	8.12	8.05	7.98	7.96	7.94	7.91	7.86
110000	7.74	7.81	7.72	8.01	8.17	8.13	7.64	8.34	8.15	8.14	8.07	7.98	7.98	7.95	8.02	7.88
120000	7.75	7.85	7.72	8.13	8.13	8.19	7.69	8.35	8.19	8.15	8.07	7.98	7.97	7.95	7.93	7.86
130000	7.74	7.92	7.68	8.09	8.08	8.23	7.90	7.98	8.22	8.16	8.06	8.00	7.97	7.95	7.93	7.85
140000	7.71	7.86	7.70	8.00	8.08	8.01	7.99	8.03	8.23	8.15	8.07	7.99	7.99	7.96	7.94	7.84
150000	7.68	7.86	7.69	7.93	8.08	7.98	7.91	8.14	8.24	8.13	8.07	7.99	7.99	7.96	7.95	7.82
160000	7.67	7.84	7.69	8.02	8.06	7.93	7.82	8.18	8.21	8.11	8.05	8.00	7.99	7.97	7.93	7.80
170000	7.72	7.80	7.69	8.03	8.12	7.92	7.89	8.22	8.16	8.09	8.05	7.99	7.96	7.96	7.90	7.79
180000	7.74	7.77	7.68	8.01	8.14	7.87	7.99	8.22	8.14	8.07	8.03	7.97	7.94	7.95	7.88	7.77
190000	7.72	7.75	7.64	8.07	8.08	7.79	7.94	8.16	8.09	8.04	8.02	7.95	7.91	7.91	7.87	7.73
200000	7.75	7.78	7.61	8.03	8.02	7.73	7.87	8.13	8.08	8.02	8.01	7.95	7.90	7.89	7.85	7.73
210000	7.78	7.81	7.59	8.05	8.00	7.73	7.97	8.10	8.08	8.01	8.00	7.93	7.90	7.89	7.83	7.71
220000	7.81	7.86	7.58	8.00	8.01	7.70	7.92	8.10	8.08	8.01	8.00	7.93	7.91	7.88	7.83	7.70
230000	7.78	7.87	7.96	8.01	7.99	7.73	7.86	8.08	8.09	8.02	7.99	7.92	7.90	7.86	7.82	7.68
Daily Max	7.90	7.92	7.96	8.13	8.18	8.23	7.99	8.35	8.24	8.16	8.07	8.00	7.99	7.97	8.02	7.88
Daily Min	7.67	7.63	7.58	7.87	7.88	7.70	7.63	7.93	8.06	8.01	7.99	7.92	7.90	7.86	7.82	7.68
Average	7.76	7.77	7.70	8.00	8.05	7.97	7.78	8.11	8.12	8.08	8.03	7.97	7.94	7.91	7.88	7.80

Liscense maximum pH: 9
Liscense minimum pH: 6

Missing data due to equipment change 9/8

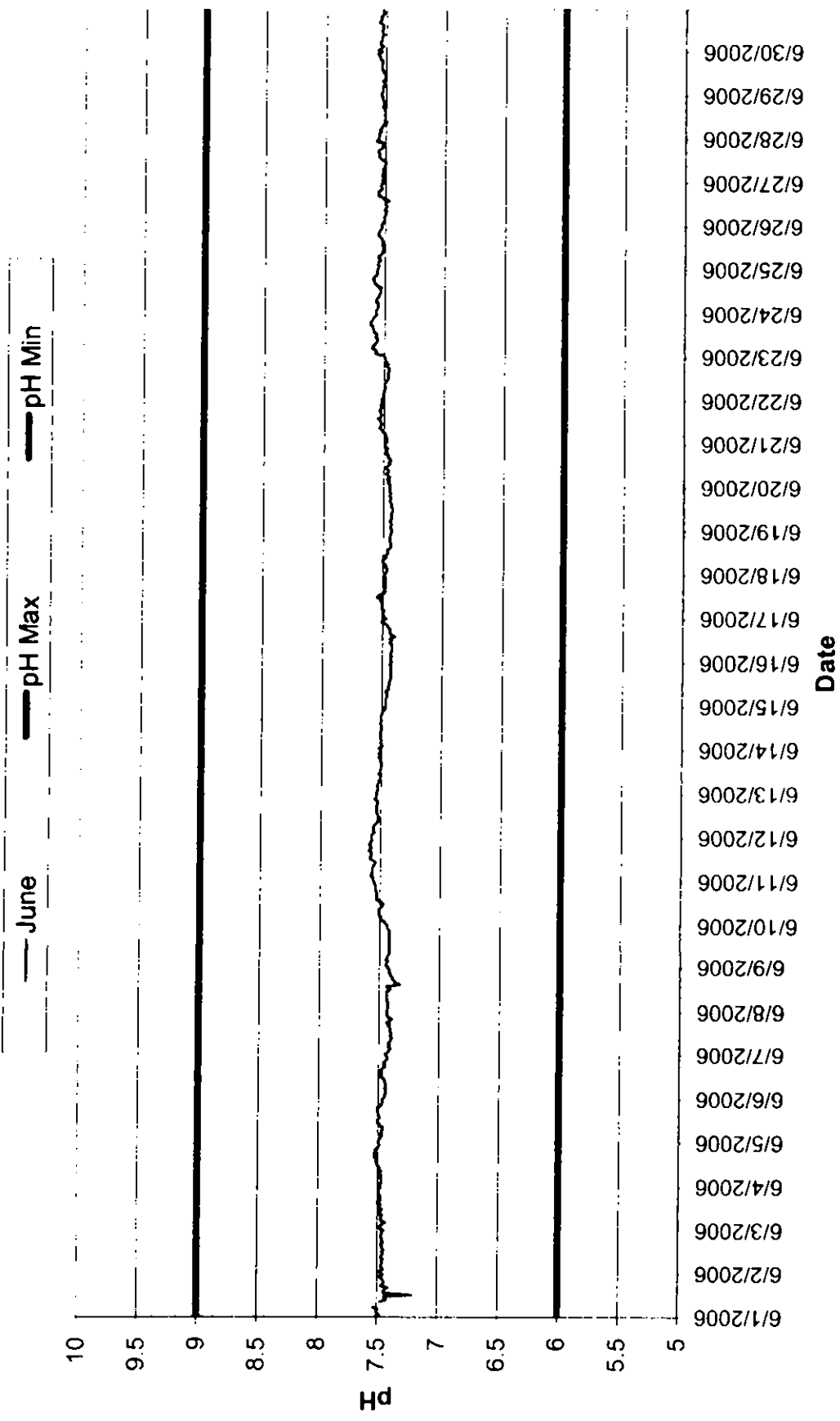
Miss

High Falls Tailrace pH Summary - September 2006

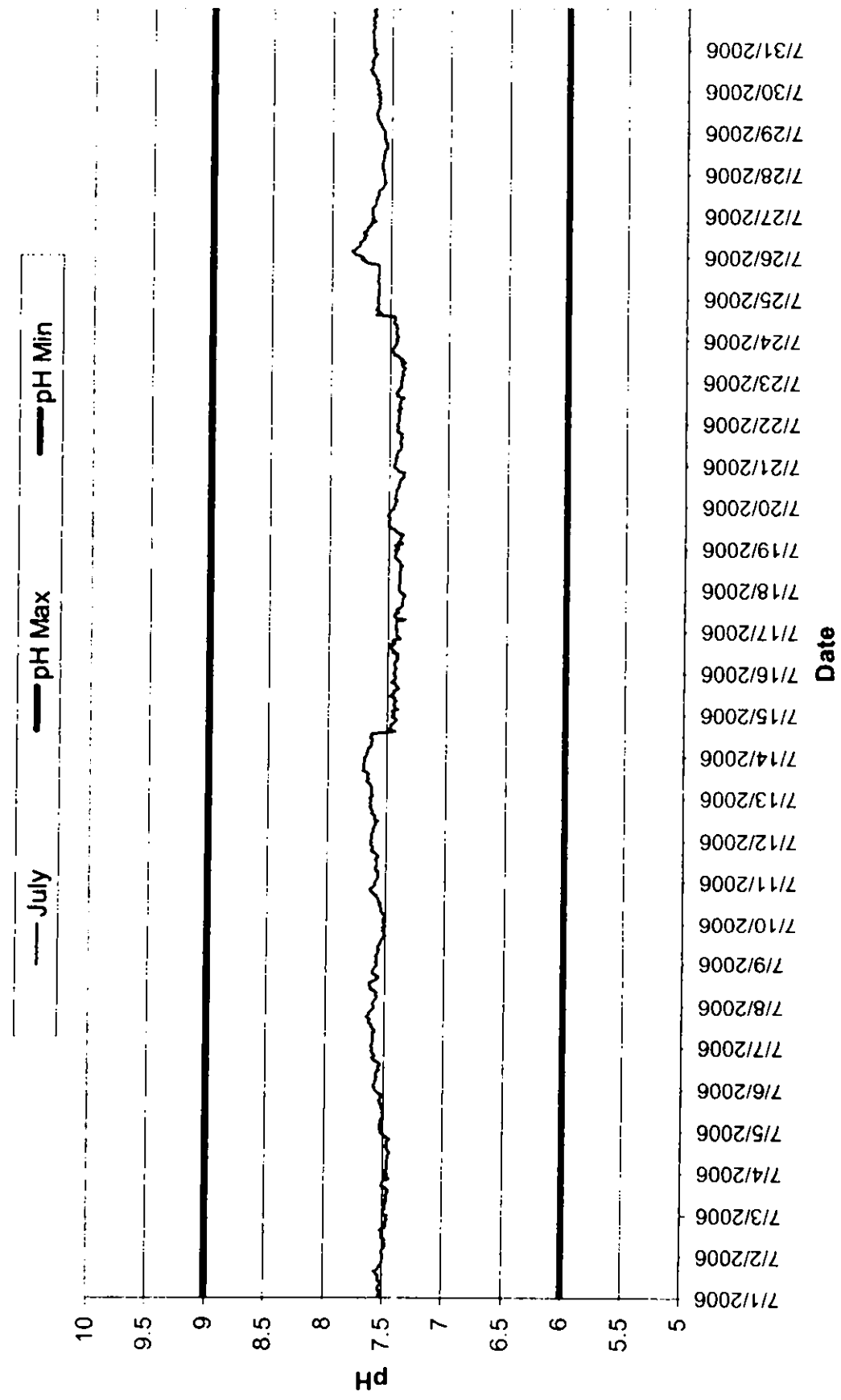
Time HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	06/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	7.69	7.73	7.69	7.90	7.92	7.90	7.84	7.96	7.97	7.99	8.00	7.99	7.97	7.97
10000	7.68	7.75	7.66	7.90	7.91	7.90	7.85	7.97	7.96	7.97	7.98	7.99	7.98	7.97
20000	7.70	7.79	7.70	7.89	7.91	7.90	7.84	7.96	7.96	7.96	7.97	7.98	7.97	7.95
30000	7.70	7.82	7.72	7.92	7.92	7.91	7.84	7.99	7.95	7.97	7.97	7.99	7.98	7.97
40000	7.72	7.83	7.72	7.89	7.94	7.89	7.85	7.96	7.92	7.94	7.98	7.98	7.94	7.95
50000	7.72	7.80	7.71	7.87	7.94	7.89	7.86	7.95	7.91	7.93	7.97	7.98	7.95	7.93
60000	7.72	7.82	7.75	7.86	7.93	7.89	7.86	7.92	7.90	7.92	7.97	7.96	7.95	7.93
70000	7.73	7.79	7.75	7.87	7.93	7.89	7.86	7.94	7.91	7.91	7.98	7.97	7.93	7.92
80000	7.75	7.80	7.72	7.86	7.95	7.93	7.88	7.93	7.91	7.91	7.97	7.98	7.94	7.93
90000	7.77	7.84	7.77	7.89	7.96	7.96	7.89	7.97	7.92	7.93	7.99	7.98	7.96	7.94
100000	7.76		7.75	7.91	7.98	7.97	7.92	8.00	7.95	7.95	8.01	8.00	7.99	7.95
110000	7.78	7.77	7.75	7.92	7.96	7.98	7.93	8.02	7.97	7.93	8.01	8.01	8.01	7.97
120000	7.79	7.78	7.75	7.93	7.97	7.97	7.96	8.04	7.96	7.94	8.04	8.03	8.01	7.99
130000	7.79	7.76	7.82	7.97	7.98	7.96	7.97	8.05	7.98	7.98	8.05	8.05	8.00	7.97
140000	7.80	7.72	7.88	7.97	7.99	7.95	7.97	8.05	7.99	7.93	8.05	8.06	7.99	7.99
150000	7.77	7.68	7.85	8.00	7.98	7.94	7.97	8.06	8.09	7.97	8.05	8.04	7.95	7.99
160000	7.77	7.73	7.89	7.98	7.95	7.94	7.97	8.05	8.11	7.97	8.05	8.09	7.96	8.01
170000	7.76	7.73	7.94	7.97	7.95	7.93	7.94	8.04	8.11	7.98	8.04	8.07	7.96	8.06
180000	7.76	7.72	7.97	7.97	7.95	7.92	7.92	8.02	8.10	8.00	8.03	8.05	7.94	8.04
190000	7.71	7.71	7.90	7.94	7.89	7.90	7.90	8.00	8.06	8.00	8.02	8.05	7.96	8.04
200000	7.76	7.73	7.89	7.96	7.87	7.88	7.89	8.00	8.02	8.00	8.01	8.04	7.96	8.02
210000	7.73	7.70	7.92	7.96	7.88	7.88	7.89	7.99	8.01	8.01	8.00	8.04	7.94	8.01
220000	7.73	7.70	7.92	7.96	7.88	7.87	7.93	7.99	8.01	8.02	8.00	7.97	7.96	8.00
230000	7.72	7.70	7.91	7.95	7.88	7.87	7.94	7.97	8.00	8.01	8.00	7.96	7.96	7.99
Daily Max	7.80	7.84	7.97	8.00	7.99	7.98	7.97	8.06	8.11	8.02	8.05	8.09	8.01	8.06
Daily Min	7.68	7.68	7.66	7.86	7.87	7.87	7.84	7.92	7.90	7.91	7.97	7.96	7.93	7.92
Average	7.74	7.76	7.81	7.93	7.93	7.92	7.90	7.99	7.99	7.96	8.01	8.01	7.97	7.98

ing data due to equipment change 9/18

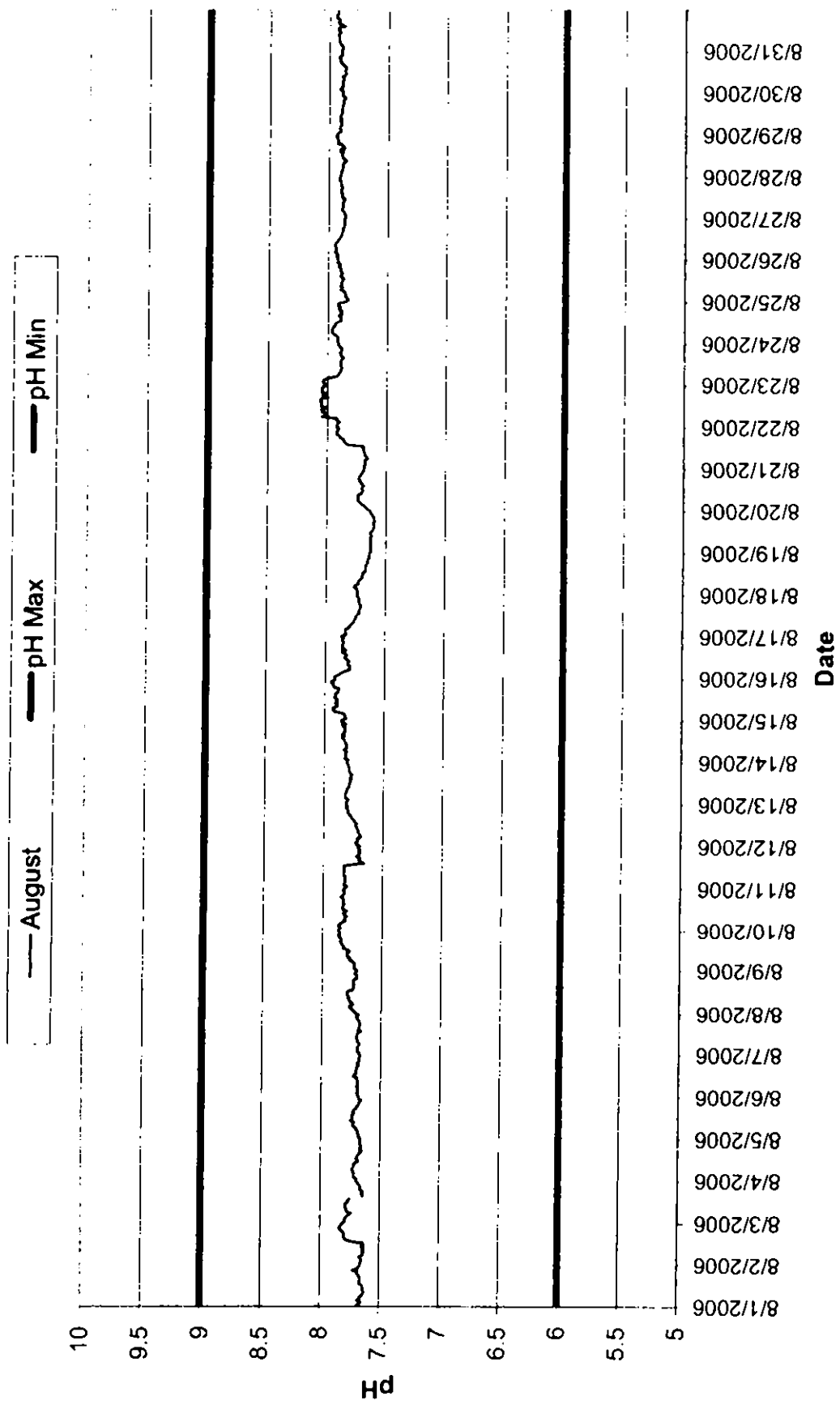
Johnson Falls pH Summary - June 2006



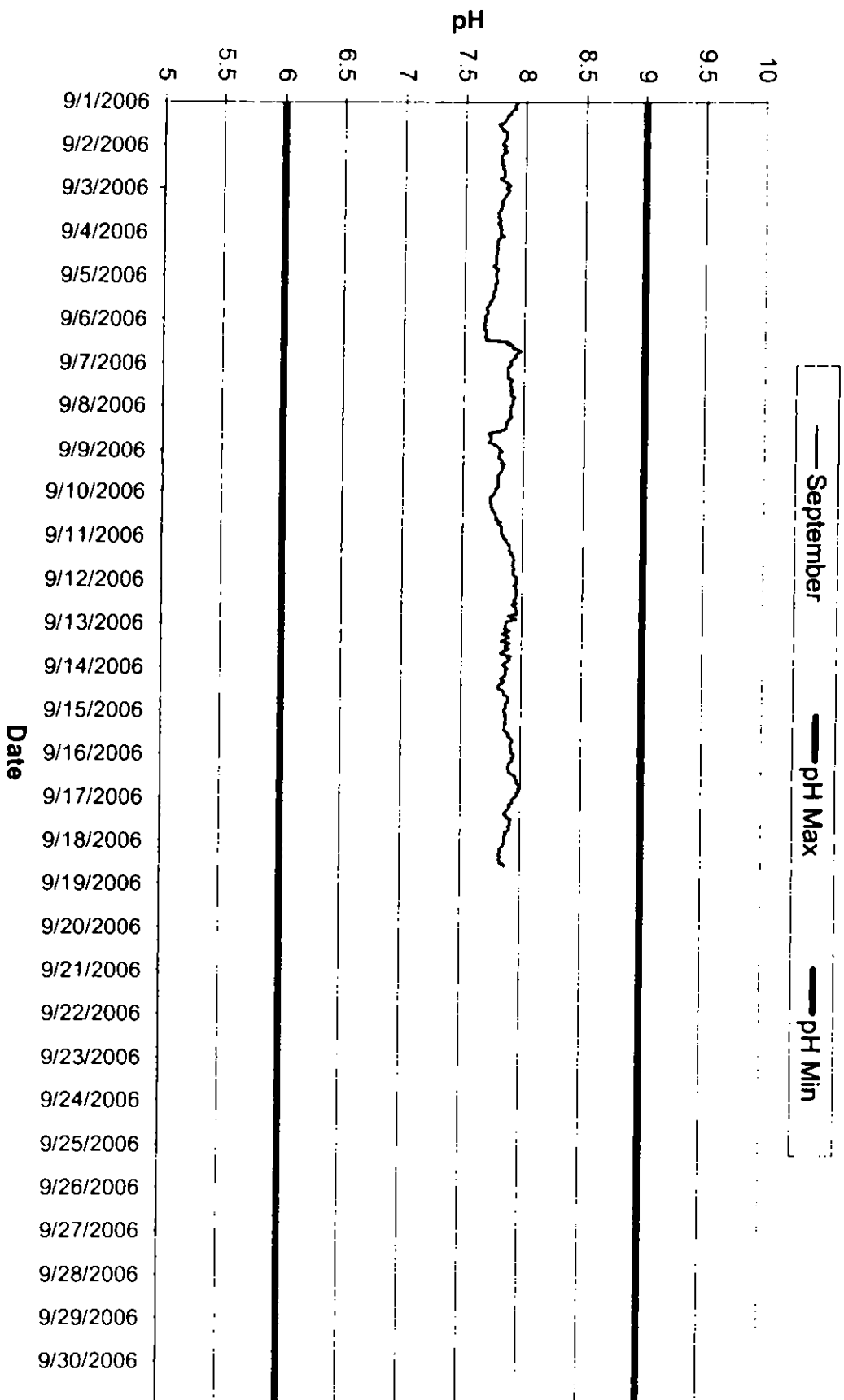
Johnson Falls pH Summary - July 2006



Johnson Falls pH Summary - August 2006



Johnson Falls pH Summary - September 2006



Johnson Falls Tailwater pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7 51	7 47	7 48	7 50	7 46	7 45	7 44	7 44	7 44	7 55	7 58	7 54	7 51	7 47	7 42
10000	7 48	7 48	7 48	7 48	7 49	7 45	7 42	7 43	7 45	7 45	7 56	7 58	7 54	7 52	7 47	7 43
20000	7 50	7 45	7 48	7 47	7 48	7 45	7 42	7 43	7 44	7 46	7 56	7 57	7 53	7 49	7 47	7 43
30000	7 50	7 46	7 46	7 47	7 47	7 44	7 40	7 43	7 43	7 48	7 58	7 55	7 53	7 50	7 47	7 42
40000	7 49	7 47	7 43	7 47	7 48	7 44	7 42	7 43	7 45	7 50	7 57	7 56	7 53	7 51	7 47	7 43
50000	7 53	7 46	7 47	7 48	7 47	7 44	7 41	7 43	7 44	7 49	7 57	7 56	7 53	7 50	7 46	7 43
60000		7 46	7 47	7 47	7 47	7 45	7 42	7 44	7 43	7 51	7 57	7 56	7 52	7 51	7 46	7 42
70000		7 46	7 47	7 47	7 46	7 44	7 40	7 44	7 42	7 51	7 57	7 55	7 52	7 51	7 46	7 42
80000	7 47	7 45	7 46	7 47	7 46	7 44	7 40	7 44	7 42	7 51	7 56	7 53	7 51	7 51	7 46	7 42
90000	7 42	7 47	7 49	7 48	7 48	7 45	7 39	7 44	7 42	7 51	7 55	7 53	7 51	7 51	7 47	7 42
100000	7 43	7 46	7 48	7 49	7 49	7 45	7 41	7 44	7 42	7 49	7 54	7 52	7 50	7 51	7 45	7 42
110000	7 44	7 45	7 46	7 49	7 51	7 46	7 40	7 41	7 42	7 48	7 55	7 52	7 52	7 50	7 45	7 44
120000	7 21	7 46	7 49	7 51	7 51	7 48	7 40	7 42	7 42	7 48	7 58	7 52	7 51	7 51	7 44	7 42
130000	7 45	7 45	7 48	7 51	7 49	7 47	7 41	7 44	7 42	7 49	7 59	7 53	7 51	7 50	7 44	7 44
140000	7 45	7 46	7 47	7 52	7 49	7 48	7 41	7 33	7 42	7 53	7 58	7 54	7 50	7 51	7 44	7 39
150000	7 43	7 46	7 50	7 51	7 50	7 48	7 41	7 36	7 42	7 53	7 58	7 53	7 50	7 51	7 43	7 42
160000	7 41	7 47	7 48	7 53	7 50	7 47	7 42	7 38	7 42	7 53	7 58	7 54	7 50	7 50	7 43	7 44
170000	7 47	7 45	7 48	7 53	7 51	7 45	7 41	7 39	7 42	7 53	7 60	7 54	7 50	7 51	7 43	7 44
180000	7 45	7 46	7 48	7 53	7 51	7 45	7 44	7 39	7 42	7 53	7 58	7 53	7 51	7 51	7 43	7 44
190000	7 45	7 46	7 48	7 52	7 51	7 46	7 41	7 41	7 42	7 54	7 58	7 53	7 51	7 50	7 43	7 45
200000	7 45	7 47	7 49	7 52	7 48	7 45	7 39	7 41	7 42	7 54	7 59	7 53	7 52	7 50	7 43	7 46
210000	7 46	7 47	7 49	7 50	7 47	7 43	7 43	7 42	7 42	7 54	7 59	7 55	7 51	7 49	7 43	7 47
220000	7 48	7 46	7 49	7 49	7 47	7 43	7 43	7 42	7 43	7 54	7 58	7 54	7 52	7 48	7 43	7 51
230000	7 45	7 46	7 48	7 49	7 47	7 43	7 44	7 42	7 44	7 55	7 57	7 54	7 51	7 47	7 44	7 50
Equipment failure on 6-1-06																
Daily Max	7 53	7 48	7 50	7 53	7 51	7 48	7 45	7 44	7 45	7 55	7 60	7 58	7 54	7 52	7 47	7 51
Daily Min	7 21	7 45	7 43	7 47	7 46	7 43	7 39	7 33	7 42	7 44	7 54	7 52	7 50	7 47	7 43	7 39
Average	7 45	7 46	7 48	7 50	7 49	7 45	7 41	7 42	7 43	7 51	7 57	7 54	7 52	7 47	7 45	7 44
License maximum pH 9																
License minimum pH 6																

Johnson Falls Tailwater pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0747	749	743	745	749	752	75	757	756	753	752	756	754	754
0	747	749	743	745	749	752	75	757	756	753	752	756	754	754
10000	750	748	743	745	748	752	751	758	756	753	753	756	754	757
20000	749	747	744	745	748	751	757	757	755	752	752	755	753	757
30000	750	747	744	746	748	751	757	756	755	752	752	755	753	754
40000	749	747	743	745	748	751	758	756	756	751	752	756	753	752
50000	749	748	744	747	749	75	761	756	754	751	752	755	753	755
60000	751	748	745	745	749	75	76	756	755	75	752	754	751	754
70000	750	750	743	746	751	749	757	758	756	75	752	753	751	754
80000	751	751	743	748	752	749	757	757	754	749	751	752	753	754
90000	750	749	743	746	754	75	756	755	752	751	751	749	751	753
100000	752	747	744	746	753	749	756	755	752	749	75	751	751	754
110000	751	748	742	748	752	748	758	754	752	749	75	751	751	753
120000	755	746	742	748	753	747	757	754	752	749	75	751	751	754
130000	753	746	742	745	753	747	757	754	752	75	751	751	751	753
140000	749	747	744	746	755	747	759	753	752	747	755	751	752	753
150000	748	744	743	744	753	747	759	756	752	751	756	751	754	753
160000	749	744	744	745	752	746	76	758	752	752	755	751	754	756
170000	748	744	745	747	753	746	76	759	753	756	756	752	754	755
180000	748	744	744	746	753	746	762	759	754	756	756	753	753	754
190000	748	745	744	748	754	748	762	76	756	756	753	752	753	755
200000	748	744	745	747	752	747	761	759	755	754	753	752	755	753
210000	748	745	744	748	752	748	76	757	755	753	752	752	755	752
220000	748	744	745	747	753	749	759	756	754	754	752	753	756	752
230000	748	744	745	749	752	749	757	757	753	754	758	753	757	753
Daily Max	755	751	745	749	755	752	762	760	756	756	758	756	757	757
Daily Min	747	744	742	744	748	746	750	753	751	747	750	749	751	752
Average	750	747	744	746	752	749	758	757	754	752	753	753	753	754

Johnson Falls Tailwater pH Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0752	750	749	748	752	758	761	759	757	751	759	763	764	768	744	745
0	753	750	750	748	753	758	761	760	758	752	758	762	762	767	745	744
10000	752	751	749	746	753	759	760	760	757	750	757	762	762	767	746	743
20000	752	750	748	747	753	758	760	759	757	752	757	762	762	766	741	743
30000	752	749	749	747	752	758	759	758	758	750	756	762	762	766	744	744
40000	754	748	748	746	752	757	760	757	756	750	757	761	763	765	744	745
50000	753	748	748	747	752	757	759	757	756	752	757	761	763	763	745	744
60000	752	748	747	747	752	756	760	758	756	753	759	761	763	763	744	743
70000	751	749	748	746	750	757	760	757	755	754	759	760	764	763	742	741
80000	752	748	747	746	750	757	758	759	756	754	758	759	762	762	744	743
90000	753	749	747	746	751	756	759	762	756	754	758	759	765	762	744	741
100000	754	751	747	745	750	754	760	762	755	755	758	757	765	764	748	741
110000	753	750	746	745	751	755	761	763	754	754	758	760	766	763	745	746
120000	754	751	746	746	752	755	761	763	754	756	759	760	766	763	745	745
130000	755	750	746	747	752	753	763	760	753	756	757	760	766	763	745	745
140000	757	752	748	748	752	754	763	757	752	757	757	760	765	743	745	747
150000	754	748	751	747	753	757	762	755	751	758	757	762	767	747	741	747
160000	753	748	751	747	754	759	764	758	750	758	760	762	770	748	741	749
170000	752	747	750	747	753	760	765	760	750	760	760	762	769	747	743	744
180000	751	748	749	745	752	758	763	761	751	761	762	763	769	747	743	746
190000	750	747	745	747	752	759	763	760	752	763	762	764	770	745	747	746
200000	750	746	746	749	753	760	763	760	752	763	761	763	769	743	745	739
210000	750	747	748	751	755	761	762	759	751	761	762	764	769	742	743	741
220000	750	747	748	751	755	761	760	758	752	759	763	763	769	744	743	743
230000	750	746	746	752	757	760	759	757	750	759	762	763	769	746	744	743
Daily Max	757	752	751	752	757	761	765	763	758	763	763	764	770	768	748	749
Daily Min	750	746	745	745	750	753	758	755	750	750	756	757	762	742	741	739
Average	752	749	748	747	752	757	761	759	754	756	759	761	766	756	744	744

Liscense maximum pH 9
Liscense minimum pH 6

Johnson Falls Tailwater pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	7 42	7 41	7 41	7 46	7 46	7 43	7 41	7 44	7 61	7 73	7 65	7 56	7 56	7 61	7 64
10000	7 42	7 41	7 42	7 45	7 45	7 42	7 39	7 45	7 61	7 75	7 66	7 57	7 56	7 62	7 66
20000	7 44	7 41	7 45	7 45	7 45	7 42	7 4	7 43	7 6	7 8	7 65	7 57	7 57	7 62	7 66
30000	7 43	7 41	7 38	7 44	7 45	7 42	7 4	7 44	7 6	7 82	7 66	7 57	7 58	7 61	7 65
40000	7 43	7 40	7 42	7 43	7 45	7 42	7 38	7 45	7 6	7 83	7 66	7 58	7 59	7 62	7 66
50000	7 43	7 41	7 4	7 45	7 43	7 42	7 39	7 45	7 6	7 8	7 65	7 58	7 59	7 63	7 66
60000	7 43	7 40	7 4	7 45	7 44	7 41	7 39	7 45	7 6	7 78	7 64	7 58	7 61	7 62	7 66
70000	7 35	7 41	7 39	7 44	7 43	7 42	7 38	7 44	7 6	7 76	7 63	7 58	7 61	7 64	7 66
80000	7 43	7 40	7 38	7 44	7 43	7 43	7 37	7 45	7 6	7 76	7 63	7 57	7 62	7 64	7 66
90000	7 45	7 40	7 41	7 44	7 41	7 4	7 39	7 45	7 6	7 76	7 63	7 57	7 62	7 65	7 66
100000	7 45	7 40	7 43	7 44	7 41	7 41	7 4	7 47	7 61	7 74	7 62	7 56	7 62	7 67	7 67
110000	7 41	7 40	7 45	7 42	7 4	7 42	7 37	7 47	7 61	7 72	7 62	7 57	7 63	7 66	7 66
120000	7 43	7 40	7 48	7 41	7 39	7 41	7 41	7 46	7 6	7 73	7 61	7 56	7 62	7 68	7 65
130000	7 43	7 40	7 5	7 42	7 41	7 41	7 39	7 46	7 61	7 71	7 61	7 56	7 62	7 67	7 65
140000	7 39	7 38	7 5	7 41	7 41	7 4	7 42	7 46	7 6	7 73	7 61	7 55	7 61	7 67	7 66
150000	7 38	7 40	7 5	7 41	7 4	7 38	7 43	7 62	7 6	7 72	7 6	7 54	7 61	7 66	7 65
160000	7 38	7 40	7 5	7 41	7 39	7 44	7 47	7 58	7 6	7 7	7 58	7 54	7 61	7 66	7 65
170000	7 38	7 41	7 49	7 38	7 4	7 43	7 47	7 6	7 6	7 7	7 57	7 54	7 6	7 67	7 66
180000	7 38	7 43	7 49	7 38	7 39	7 45	7 49	7 62	7 6	7 68	7 56	7 54	7 61	7 66	7 66
190000	7 38	7 45	7 51	7 38	7 43	7 42	7 48	7 61	7 6	7 67	7 55	7 55	7 6	7 65	7 64
200000	7 36	7 45	7 5	7 37	7 44	7 42	7 47	7 61	7 61	7 67	7 55	7 55	7 61	7 64	7 64
210000	7 36	7 44	7 49	7 42	7 43	7 4	7 46	7 6	7 71	7 63	7 56	7 56	7 6	7 63	7 65
220000	7 38	7 43	7 48	7 43	7 42	7 41	7 45	7 61	7 71	7 66	7 56	7 56	7 62	7 65	7 65
230000	7 40	7 45	7 46	7 46	7 44	7 4	7 45	7 61	7 75	7 65	7 56	7 56	7 6	7 65	7 64
Daily Max	7 45	7 45	7 51	7 46	7 46	7 45	7 49	7 62	7 75	7 83	7 66	7 58	7 63	7 68	7 67
Daily Min	7 35	7 38	7 38	7 37	7 39	7 38	7 37	7 43	7 60	7 63	7 55	7 54	7 56	7 61	7 64
Average	7 41	7 41	7 45	7 42	7 42	7 42	7 42	7 51	7 62	7 73	7 61	7 56	7 60	7 65	7 65

Johnson Falls Tailwater pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	7 68	7 66	7 70	7 67	7 68	7 68	7 71	7 71	7 87	7 82	7 69	7 81	7 81	7 86	7 92
10000	7 65	7 65	7 79	7 70	7 68	7 69	7 68	7 73	7 73	7 85	7 80	7 72	7 81	7 80	7 82	7 92
20000	7 65	7 65	7 79	7 72	7 68	7 70	7 70	7 74	7 73	7 86	7 83	7 73	7 80	7 83	7 83	7 88
30000	7 68	7 65	7 78	7 72	7 69	7 69	7 70	7 76	7 73	7 87	7 82	7 71	7 80	7 82	7 83	7 87
40000	7 66	7 67	7 76	7 72	7 69	7 69	7 70	7 77	7 73	7 85	7 81	7 72	7 82	7 82	7 85	7 84
50000	7 66	7 64	7 74	7 72	7 70	7 69	7 68	7 74	7 75	7 81	7 82	7 69	7 82	7 82	7 91	7 79
60000	7 64	7 64	7 77	7 73	7 71	7 70	7 68	7 75	7 77	7 82	7 81	7 69	7 82	7 81	7 93	7 80
70000	7 63	7 63	7 78	7 73	7 73	7 69	7 69	7 77	7 77	7 81	7 82	7 70	7 81	7 84	7 93	7 79
80000	7 63	7 64	7 78	7 72	7 73	7 70	7 70	7 77	7 79	7 80	7 83	7 71	7 81	7 81	7 90	7 81
90000	7 64	7 63	7 79	7 72	7 72	7 69	7 70	7 78	7 79	7 82	7 83	7 71	7 80	7 82	7 89	7 81
100000	7 64	7 65	7 79	7 72	7 75	7 70	7 71	7 78	7 79	7 83	7 82	7 72	7 79	7 81	7 91	7 80
110000	7 64	7 63	7 77	7 68	7 73	7 70	7 70	7 79	7 77	7 80	7 82	7 72	7 79	7 82	7 90	7 82
120000	7 65	7 64	7 77	7 69	7 74	7 73	7 70	7 79	7 79	7 83	7 83	7 73	7 78	7 83	7 90	7 84
130000	7 67	7 73	7 75	7 70	7 74	7 71	7 67	7 74	7 83	7 84	7 82	7 72	7 78	7 84	7 92	7 82
140000	7 66	7 78		7 69	7 72	7 71	7 69	7 74	7 82	7 83	7 82	7 73	7 77	7 85	7 91	7 86
150000	7 66	7 79	7 64	7 68	7 73	7 71	7 68	7 73	7 84	7 82	7 78	7 74	7 77	7 85	7 91	7 86
160000	7 66	7 80	7 65	7 67	7 72	7 71	7 68	7 73	7 84	7 83	7 70	7 75	7 78	7 83	7 91	7 86
170000	7 67	7 80	7 64	7 65	7 70	7 70	7 68	7 73	7 84	7 83	7 70	7 76	7 77	7 85	7 89	7 83
180000	7 68	7 80	7 65	7 67	7 70	7 68	7 68	7 74	7 85	7 83	7 72	7 77	7 77	7 83	7 89	7 85
190000	7 68	7 81	7 67	7 66	7 68	7 70	7 68	7 71	7 85	7 85	7 70	7 79	7 78	7 83	7 88	7 85
200000	7 72	7 83	7 66	7 66	7 68	7 68	7 69	7 71	7 86	7 83	7 69	7 80	7 79	7 83	7 93	7 86
210000	7 68	7 84	7 67	7 67	7 67	7 68	7 70	7 71	7 87	7 82	7 71	7 80	7 79	7 85	7 93	7 85
220000	7 67	7 83	7 68	7 67	7 66	7 68	7 71	7 72	7 85	7 82	7 69	7 81	7 80	7 85	7 95	7 86
230000	7 66	7 82	7 69	7 67	7 68	7 67	7 69	7 71	7 86	7 83	7 71	7 80	7 80	7 86	7 92	7 85
		Missing data due to equipment change 8/3/06														
Daily Max	7 72	7 84	7 80	7 73	7 75	7 73	7 71	7 79	7 87	7 87	7 83	7 81	7 82	7 86	7 95	7 92
Daily Min	7 63	7 63	7 64	7 65	7 66	7 67	7 67	7 71	7 71	7 80	7 66	7 69	7 77	7 80	7 82	7 79
Average	7 66	7 72	7 73	7 69	7 70	7 69	7 69	7 74	7 80	7 83	7 77	7 74	7 80	7 83	7 90	7 84
Liscense maximum pH	9															
Liscense minimum pH	6															

Johnson Falls Tailwater pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/25/06	08/27/06	08/29/06	08/30/06	08/31/06
HHMMSS	0	7 87	7 74	7 63	7 64	7 69	7 92	8 00	7 91	7 85	7 92	7 90	7 89	7 90
10000	7 83	7 73	7 62	7 66	7 69	7 92	8 03	7 92	7 83	7 92	7 86	7 90	7 89	7 89
20000	7 83	7 74	7 63	7 67	7 68	7 91	8 04	7 91	7 84	7 93	7 86	7 90	7 91	7 89
30000	7 84	7 74	7 63	7 69	7 68	7 90	8 03	7 92	7 86	7 92	7 87	7 89	7 90	7 90
40000	7 84	7 76	7 62	7 71	7 68	7 92	8 00	7 92	7 85	7 94	7 88	7 89	7 88	7 91
50000	7 80	7 76	7 63	7 72	7 68	7 92	7 92	7 94	7 86	7 94	7 89	7 90	7 89	7 92
60000	7 80	7 73	7 63	7 74	7 66	8 05	7 91	7 96	7 87	7 93	7 88	7 90	7 89	7 92
70000	7 78	7 73	7 62	7 74	7 67	8 00	7 90	7 97	7 90	7 94	7 88	7 90	7 88	7 92
80000	7 77	7 72	7 63	7 74	7 68	8 01	7 89	7 96	7 88	7 94	7 88	7 91	7 88	7 92
90000	7 76	7 70	7 62	7 74	7 68	8 05	7 89	7 96	7 90	7 94	7 88	7 90	7 89	7 93
100000	7 75	7 70	7 62	7 71	7 69	8 05	7 88	7 94	7 88	7 93	7 87	7 90	7 89	7 91
110000	7 75	7 69	7 63	7 70	7 69	8 00	7 89	7 94	7 89	7 92	7 87	7 89	7 86	7 91
120000	7 74	7 69	7 62	7 70	7 70	8 05	7 89	7 92	7 88	7 91	7 89	7 90	7 87	7 93
130000	7 72	7 67	7 61	7 71	7 69	8 05	7 89	7 92	7 87	7 91	7 89	7 90	7 87	7 92
140000	7 72	7 67	7 60	7 69	7 83	8 05	7 89	7 90	7 89	7 90	7 88	7 90	7 86	7 87
150000	7 72	7 67	7 60	7 70	7 85	8 06	7 88	7 89	7 89	7 89	7 88	7 89	7 87	7 91
160000	7 71	7 67	7 60	7 71	7 86	8 06	7 87	7 91	7 88	7 88	7 90	7 87	7 89	7 93
170000	7 71	7 66	7 61	7 72	7 87	7 99	7 89	7 88	7 89	7 88	7 89	7 88	7 90	7 91
180000	7 71	7 65	7 59	7 73	7 89	8 04	7 89	7 90	7 89	7 90	7 88	7 88	7 91	7 92
190000	7 72	7 65	7 60	7 73	7 90	8 01	7 90	7 88	7 90	7 87	7 90	7 88	7 91	7 92
200000	7 72	7 65	7 60	7 72	7 92	8 05	7 88	7 91	7 91	7 87	7 90	7 88	7 92	7 94
210000	7 72	7 64	7 61	7 71	7 92	8 04	7 88	7 90	7 90	7 87	7 90	7 87	7 90	7 93
220000	7 72	7 64	7 62	7 70	7 91	8 05	7 90	7 92	7 92	7 87	7 91	7 89	7 90	7 93
230000	7 74	7 64	7 63	7 69	7 90	8 04	7 91	7 91	7 92	7 87	7 91	7 89	7 90	7 93
Daily Max	7 87	7 76	7 63	7 74	7 92	8 06	8 04	7 97	7 92	7 94	7 91	7 93	7 92	7 94
Daily Min	7 71	7 64	7 59	7 64	7 66	7 90	7 87	7 88	7 83	7 87	7 86	7 87	7 86	7 87
Average	7 76	7 69	7 62	7 71	7 77	8 01	7 92	7 92	7 88	7 91	7 89	7 90	7 89	7 92

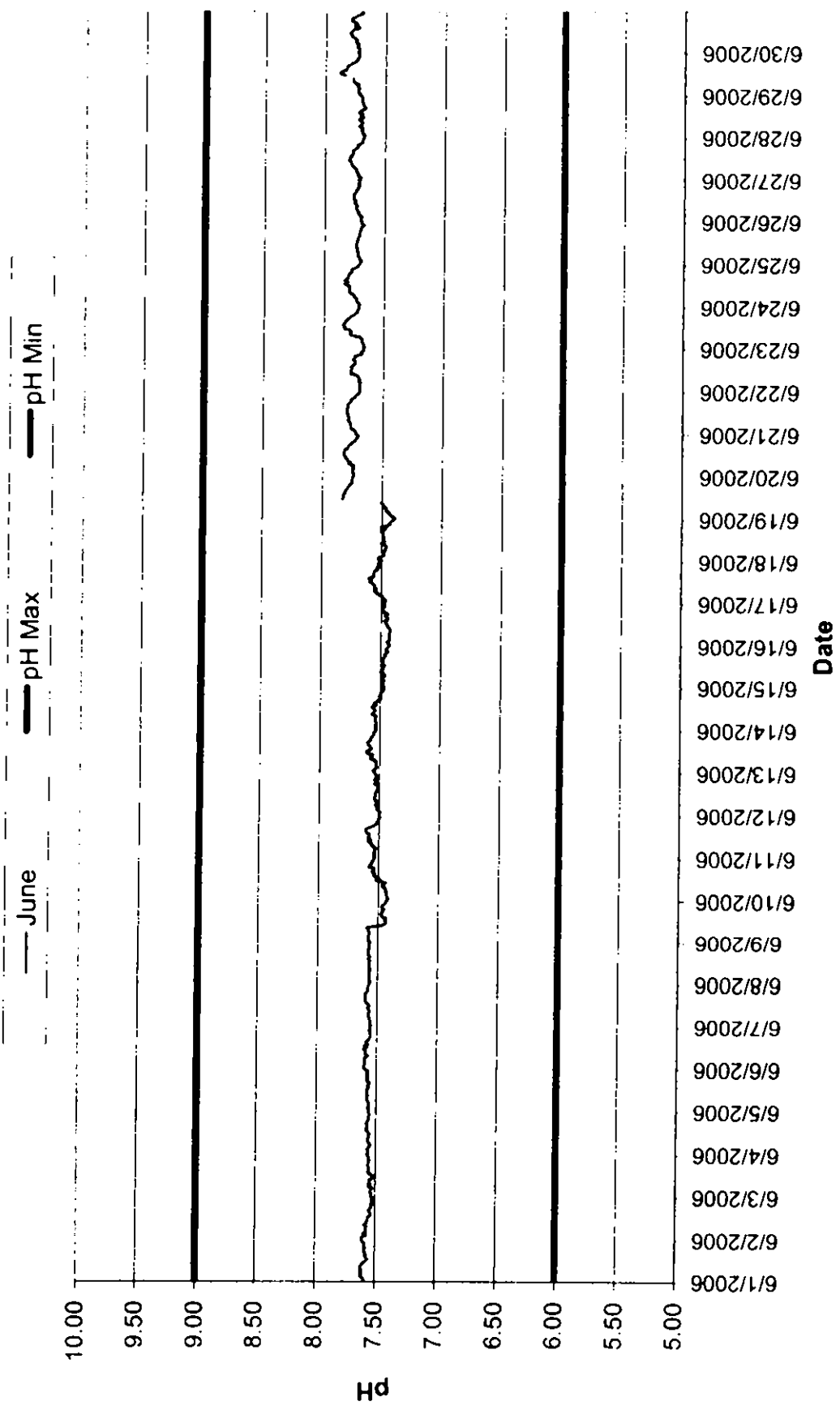
Johnson Falls Tailwater pH Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
0	7.92	7.83	7.84	7.79	7.76	7.68	7.89	7.89	7.82	7.76	7.84	7.95	7.87	7.87	7.85	7.94
10000	7.91	7.81	7.86	7.79	7.76	7.67	7.88	7.89	7.80	7.75	7.84	7.95	7.86	7.88	7.86	7.94
20000	7.90	7.81	7.85	7.82	7.76	7.67	7.86	7.89	7.80	7.74	7.86	7.95	7.86	7.86	7.87	7.92
30000	7.91	7.84	7.84	7.78	7.77	7.67	7.86	7.89	7.79	7.72	7.86	7.93	7.85	7.87	7.86	7.93
40000	7.86	7.61	7.83	7.77	7.75	7.67	7.86	7.88	7.79	7.73	7.87	7.94	7.90	7.87	7.87	7.92
50000	7.87	7.80	7.82	7.77	7.75	7.66	7.87	7.90	7.81	7.73	7.89	7.94	7.86	7.85	7.87	7.90
60000	7.87	7.79	7.81	7.77	7.75	7.68	7.86	7.88	7.82	7.73	7.89	7.95	7.83	7.83	7.86	7.90
70000	7.84	7.79	7.80	7.76	7.75	7.68	7.87	7.87	7.81	7.73	7.89	7.95	7.88	7.83	7.86	7.89
80000	7.84	7.80	7.81	7.76	7.74	7.68	7.86	7.85	7.84	7.74	7.88	7.95	7.89	7.86	7.86	7.89
90000	7.83	7.80	7.80	7.77	7.74	7.67	7.90	7.86	7.82	7.74	7.91	7.95	7.85	7.83	7.86	7.90
100000	7.82	7.79	7.80	7.76	7.73	7.68	7.89	7.85	7.83	7.75	7.90	7.94	7.82	7.81	7.86	7.92
110000	7.81	7.81	7.80	7.76	7.74	7.68	7.88	7.85	7.82	7.76	7.92	7.93	7.90	7.80	7.86	7.92
120000	7.77	7.80	7.78	7.76	7.73	7.68	7.85	7.84	7.81	7.77	7.92	7.93	7.90	7.81	7.88	7.95
130000	7.78	7.81	7.77	7.75	7.72	7.85	7.89	7.79	7.79	7.77	7.93	7.95	7.86	7.85	7.89	7.95
140000	7.79	7.82	7.78	7.75	7.71	7.90	7.90	7.71	7.79	7.78	7.92	7.91	7.89	7.85	7.90	7.96
150000	7.80	7.82	7.77	7.76	7.71	7.90	7.88	7.72	7.79	7.77	7.92	7.94	7.86	7.85	7.91	7.97
160000	7.83	7.82	7.78	7.75	7.70	7.97	7.90	7.73	7.79	7.81	7.91	7.94	7.82	7.88	7.92	7.97
170000	7.84	7.82	7.78	7.75	7.70	7.94	7.89	7.73	7.79	7.79	7.92	7.95	7.82	7.89	7.93	7.98
180000	7.83	7.78	7.78	7.74	7.68	7.94	7.89	7.72	7.79	7.81	7.92	7.95	7.83	7.89	7.93	7.98
190000	7.84	7.78	7.78	7.74	7.68	7.94	7.89	7.72	7.79	7.79	7.93	7.95	7.91	7.88	7.91	8.00
200000	7.83	7.80	7.77	7.74	7.69	7.92	7.92	7.71	7.79	7.82	7.92	7.95	7.88	7.89	7.91	7.98
210000	7.83	7.83	7.79	7.77	7.69	7.93	7.91	7.75	7.79	7.82	7.92	7.88	7.90	7.87	7.91	7.98
220000	7.81	7.85	7.78	7.77	7.68	7.91	7.90	7.77	7.79	7.82	7.92	7.92	7.88	7.87	7.92	7.97
230000	7.80	7.84	7.80	7.76	7.67	7.89	7.91	7.79	7.77	7.82	7.93	7.95	7.85	7.87	7.92	7.97
Daily Max	7.92	7.87	7.86	7.82	7.77	7.97	7.92	7.90	7.84	7.82	7.95	7.95	7.91	7.89	7.93	8.00
Daily Min	7.77	7.78	7.77	7.74	7.67	7.66	7.86	7.71	7.77	7.72	7.84	7.87	7.82	7.80	7.85	7.89
Average	7.84	7.81	7.80	7.77	7.72	7.79	7.89	7.82	7.80	7.77	7.90	7.94	7.86	7.86	7.89	7.94
Liscense maximum pH 9																
Liscense minimum pH 6																

Johnson Falls Tailwater pH Summary - September 2006

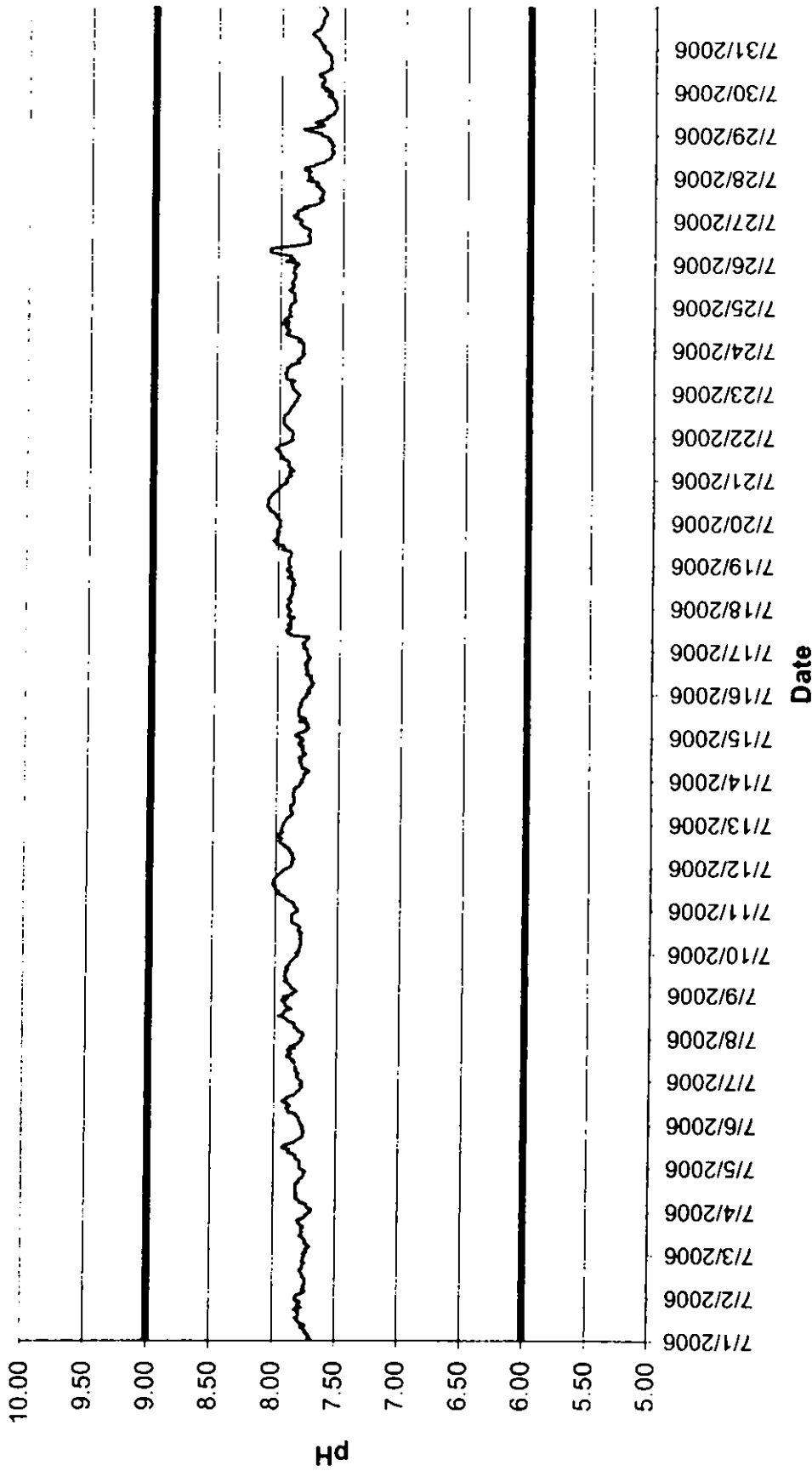
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	7.94	7.87												
10000	7.93	7.86												
20000	7.93	7.86												
30000	7.93	7.85												
40000	7.90	7.83												
50000	7.91	7.82												
60000	7.90	7.83												
70000	7.89	7.82												
80000	7.87	7.82												
90000	7.86	7.83												
100000	7.88	7.82												
110000	7.88	7.83												
120000	7.92	7.83												
130000	7.91	7.86												
140000	7.91	7.87												
150000	7.91													
160000	7.89													
170000	7.91													
180000	7.90													
190000	7.87													
200000	7.88													
210000	7.87													
220000	7.87													
230000	7.87													
			Missing data due to datasonde failure Equipment retrieved with no data/files in memory											
Daily Max	7.94	7.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Min	7.86	7.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	7.90	7.84	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Sandstone Rapids Tailwater - pH 2006



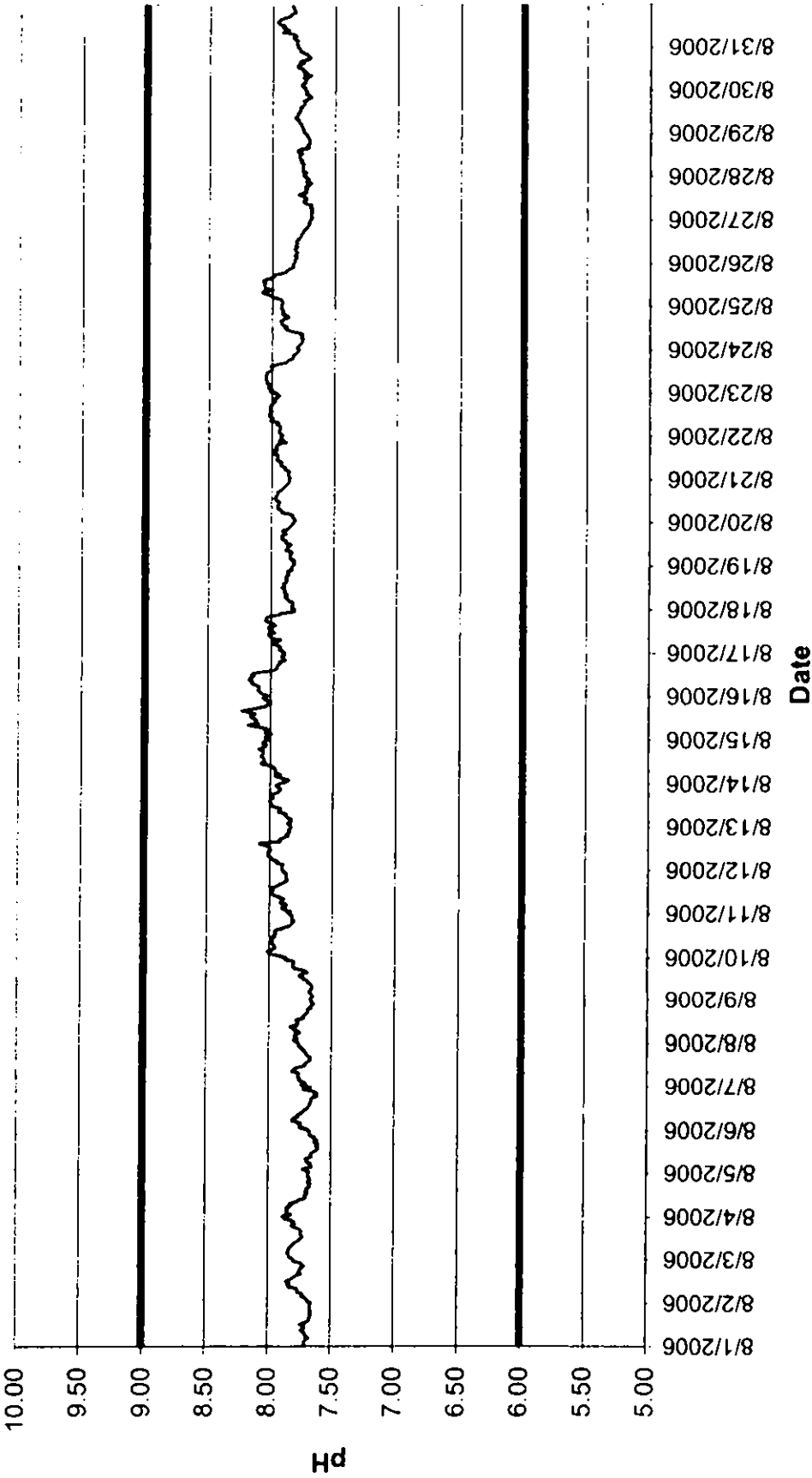
Sandstone Rapids Tailwater - pH 2006

July pH Max pH Min

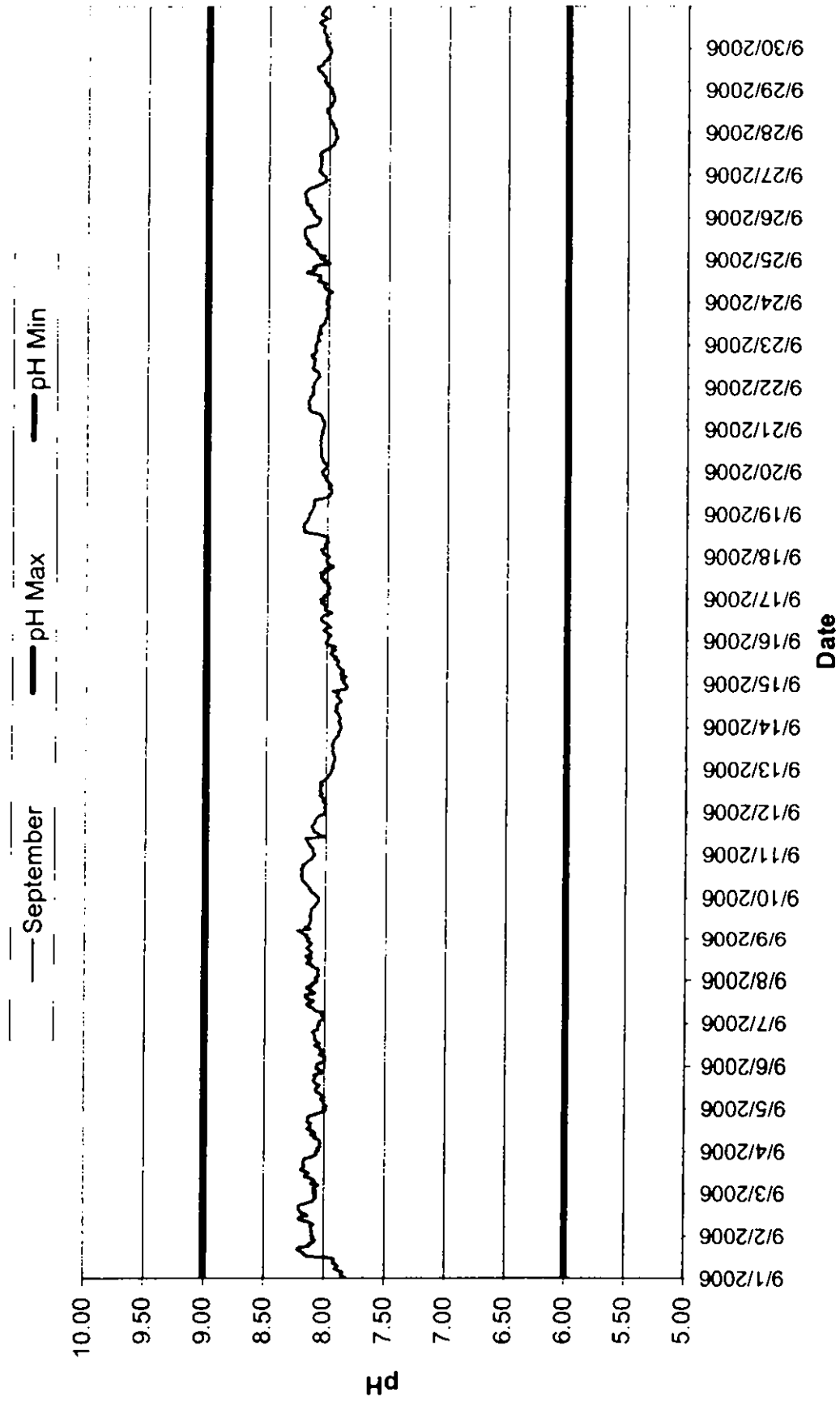


Sandstone Rapids Tailwater - pH 2006

— August — pH Max — pH Min



Sandstone Rapids Tailwater - pH 2006



Sandstone Rapids pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7 59	7 61	7 54	7 57	7 56	7 55	7 56	7 56	7 42	7 53	7 50	7 54	7 53	7 47	7 43
10000	7 59	7 61	7 53	7 56	7 56	7 61	7 55	7 56	7 58	7 42	7 54	7 50	7 55	7 54	7 48	7 43
20000	7 61	7 57	7 54	7 56	7 57	7 60	7 56	7 57	7 58	7 43	7 53	7 49	7 54	7 53	7 48	7 45
30000	7 62	7 60	7 54	7 57	7 58	7 60	7 55	7 57	7 58	7 43	7 54	7 51	7 52	7 54	7 48	7 43
40000	7 61	7 57	7 53	7 55	7 56	7 60	7 56	7 57	7 58	7 43	7 53	7 52	7 53	7 53	7 47	7 43
50000	7 62	7 58	7 53	7 54	7 56	7 60	7 56	7 57	7 57	7 44	7 52	7 51	7 53	7 54	7 49	7 43
60000	7 61	7 58	7 56	7 55	7 57	7 60	7 57	7 57	7 57	7 44	7 54	7 53	7 53	7 54	7 47	7 43
70000	7 62	7 57	7 54	7 56	7 58	7 60	7 57	7 56	7 58	7 44	7 56	7 52	7 54	7 54	7 46	7 43
80000	7 62	7 59	7 55	7 57	7 58	7 59	7 57	7 56	7 58	7 47	7 56	7 52	7 58	7 53	7 48	7 42
90000	7 61	7 57	7 55	7 56	7 57	7 59	7 56	7 57	7 59	7 45	7 59	7 54	7 58	7 57	7 50	7 42
100000	7 60	7 57	7 53	7 56	7 58	7 59	7 57	7 57	7 47	7 44	7 56	7 54	7 55	7 55	7 48	7 43
110000	7 58	7 56	7 56	7 55	7 58	7 61	7 58	7 56	7 44	7 52	7 59	7 53	7 61	7 54	7 49	7 45
120000	7 56	7 56	7 53	7 56	7 58	7 61	7 56	7 57	7 43	7 49	7 58	7 53	7 61	7 55	7 47	7 45
130000	7 57	7 54	7 55	7 58	7 57	7 60	7 58	7 56	7 45	7 52	7 58	7 53	7 57	7 57	7 47	7 46
140000	7 58	7 54	7 56	7 58	7 58	7 57	7 59	7 58	7 43	7 54	7 60	7 52	7 57	7 53	7 49	7 47
150000	7 58	7 54	7 55	7 57	7 57	7 59	7 60	7 56	7 47	7 53	7 61	7 51	7 58	7 55	7 48	7 44
160000	7 58	7 55	7 55	7 57	7 57	7 57	7 60	7 56	7 47	7 55	7 61	7 51	7 60	7 53	7 48	7 45
170000	7 59	7 54	7 56	7 58	7 58	7 56	7 60	7 58	7 47	7 54	7 57	7 51	7 60	7 51	7 48	7 47
180000	7 59	7 53	7 56	7 57	7 58	7 55	7 60	7 58	7 46	7 54	7 54	7 54	7 58	7 49	7 46	7 44
190000	7 58	7 53	7 56	7 56	7 57	7 55	7 59	7 58	7 45	7 58	7 52	7 52	7 58	7 51	7 47	7 48
200000	7 59	7 53	7 55	7 56	7 58	7 55	7 58	7 57	7 47	7 57	7 51	7 54	7 57	7 49	7 44	7 49
210000	7 59	7 52	7 55	7 56	7 57	7 55	7 58	7 57	7 46	7 55	7 51	7 52	7 55	7 50	7 45	7 48
220000	7 59	7 53	7 56	7 55	7 58	7 56	7 58	7 57	7 44	7 55	7 50	7 53	7 55	7 48	7 46	7 47
230000	7 61	7 52	7 56	7 56	7 57	7 55	7 57	7 57	7 44	7 54	7 49	7 53	7 54	7 47	7 44	7 47
Daily Max	7 62	7 61	7 56	7 58	7 58	7 61	7 60	7 58	7 59	7 58	7 61	7 54	7 61	7 57	7 50	7 49
Daily Min	7 56	7 52	7 50	7 54	7 55	7 55	7 55	7 56	7 43	7 42	7 49	7 49	7 52	7 47	7 44	7 42
Average	7 60	7 56	7 55	7 56	7 57	7 58	7 57	7 57	7 51	7 49	7 55	7 52	7 56	7 53	7 47	7 45

License maximum pH 9
License minimum pH 6

Sandstone Rapids pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	7 49	7 50	7 39	7 74	7 72	7 70	7 67	7 71	7 71	7 69	7 72	7 68	7 71	7 73
10000	7 46	7 53	7 41	7 74	7 73	7 70	7 66	7 71	7 70	7 70	7 70	7 67	7 72	7 72
20000	7 47	7 52	7 44	7 75	7 74	7 70	7 67	7 71	7 69	7 70	7 72	7 69	7 73	7 72
30000	7 49	7 48	7 44	7 75	7 77	7 70	7 67	7 72	7 71	7 69	7 72	7 69	7 72	7 74
40000	7 49	7 49	7 46	7 74	7 77	7 70	7 68	7 73	7 71	7 71	7 73	7 70	7 72	7 73
50000	7 53	7 48	7 47	7 75	7 77	7 69	7 68	7 73	7 72	7 72	7 74	7 69	7 73	7 73
60000	7 54	7 47	7 47	7 74	7 77	7 71	7 68	7 75	7 72	7 72	7 74	7 70	7 73	7 75
70000	7 56	7 47	7 49	7 78	7 77	7 70	7 70	7 75	7 72	7 73	7 75	7 70	7 76	7 74
80000	7 54	7 46	7 49	7 77	7 79	7 71	7 77	7 78	7 73	7 74	7 77	7 69	7 77	7 76
90000	7 56	7 47	7 51	7 79	7 78	7 72	7 78	7 79	7 73	7 73	7 78	7 70	7 77	7 78
100000	7 55	7 51		7 80	7 79	7 77	7 77	7 78	7 73	7 74	7 78	7 72	7 77	7 78
110000	7 58	7 48	7 83	7 81	7 79	7 77	7 78	7 79	7 74	7 75	7 80	7 68	7 84	7 80
120000	7 60	7 49	7 82	7 82	7 80	7 76	7 83	7 83	7 73	7 76	7 79	7 71	7 88	7 78
130000	7 58	7 48	7 83	7 82	7 80	7 77	7 83	7 83	7 73	7 76	7 79	7 69	7 77	7 77
140000	7 61	7 49	7 81	7 82	7 80	7 77	7 84	7 80	7 72	7 75	7 77	7 72	7 83	7 72
150000	7 56	7 49	7 81	7 81	7 79	7 74	7 82	7 83	7 72	7 76	7 77	7 71	7 82	7 76
160000	7 57	7 49	7 80	7 79	7 79	7 74	7 82	7 80	7 71	7 75	7 77	7 67	7 82	7 74
170000	7 56	7 51	7 79	7 78	7 79	7 74	7 80	7 80	7 71	7 74	7 75	7 67	7 79	7 75
180000	7 56	7 47	7 78	7 77	7 77	7 75	7 78	7 80	7 71	7 74	7 73	7 68	7 77	7 78
190000	7 53	7 51	7 77	7 75	7 77	7 74	7 76	7 78	7 70	7 72	7 73	7 69	7 74	7 78
200000	7 54	7 46	7 75	7 73	7 75	7 74	7 74	7 77	7 70	7 72	7 71	7 69	7 74	7 76
210000	7 51	7 43	7 75	7 72	7 73	7 68	7 72	7 77	7 69	7 71	7 69	7 70	7 72	7 74
220000	7 53	7 43	7 75	7 71	7 72	7 69	7 72	7 74	7 67	7 72	7 69	7 69	7 72	7 69
230000	7 52	7 41	7 75	7 71	7 70	7 67	7 71	7 72	7 69	7 71	7 68	7 70	7 72	7 70
Daily Max	7 61	7 53	7 83	7 82	7 80	7 77	7 84	7 83	7 74	7 76	7 80	7 72	7 88	7 80
Daily Min	7 46	7 41	7 39	7 71	7 70	7 67	7 66	7 71	7 67	7 69	7 68	7 67	7 71	7 69
Average	7 54	7 48	7 64	7 77	7 77	7 72	7 75	7 77	7 71	7 73	7 74	7 69	7 76	7 75

Missing data on 6/19 and 6/29 due to equipment change

Sandstone Rapids pH Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	07:01:06	07:02:06	07:03:06	07:04:06	07:05:06	07:06:06	07:07:06	07:08:06	07:09:06	07:10:06	07:11:06	07:12:06	07:13:06	07:14:06	07:15:06	07:16:06
0	7.68	7.81	7.75	7.69	7.79	7.78	7.78	7.78	7.85	7.83	7.82	7.88	7.94	7.80	7.81	7.77
10000	7.71	7.80	7.72	7.69	7.78	7.78	7.80	7.77	7.86	7.80	7.83	7.87	7.93	7.78	7.85	7.74
20000	7.70	7.77	7.74	7.72	7.79	7.79	7.81	7.77	7.82	7.81	7.85	7.87	7.92	7.78	7.83	7.75
30000	7.71	7.73	7.72	7.73	7.78	7.80	7.81	7.77	7.84	7.80	7.85	7.87	7.91	7.78	7.83	7.75
40000	7.73	7.76	7.70	7.74	7.79	7.80	7.80	7.81	7.87	7.80	7.86	7.85	7.89	7.76	7.76	7.72
50000	7.73	7.74	7.72	7.78	7.82	7.82	7.81	7.81	7.87	7.79	7.89	7.86	7.87	7.74	7.74	7.72
60000	7.74	7.75	7.74	7.79	7.82	7.82	7.83	7.84	7.88	7.79	7.91	7.87	7.87	7.76	7.76	7.71
70000	7.77	7.74	7.74	7.81	7.82	7.88	7.82	7.84	7.90	7.79	7.92	7.86	7.88	7.79	7.75	7.72
80000	7.73	7.74	7.74	7.82	7.86	7.88	7.83	7.84	7.92	7.80	7.94	7.88	7.88	7.80	7.76	7.73
90000	7.77	7.74	7.75	7.81	7.88	7.90	0.00	7.88	7.90	7.79	7.98	7.89	7.88	7.80	7.82	7.74
100000	7.79	7.74	7.78	7.81	7.87	7.87	7.83	7.90	7.91	7.80	7.97	7.89	7.88	7.81	7.77	7.72
110000	7.79	7.75	7.77	7.82	7.93	7.88	7.85	7.92	7.92	7.78	8.00	7.92	7.86	7.81	7.79	7.77
120000	7.81	7.76	7.76	7.82	7.92	7.91	7.84	7.97	7.91	7.81	8.00	7.93	7.86	7.80	7.83	7.76
130000	7.79	7.76	7.77	7.82	7.89	7.93	7.86	7.93	7.91	7.81	8.00	7.95	7.85	7.82	7.83	7.75
140000	7.78	7.77	7.77	7.82	7.83	7.89	7.90	7.92	7.91	7.80	8.02	7.97	7.86	7.77	7.82	7.77
150000	7.79	7.78	7.75	7.81	7.82	7.89	7.89	7.91	7.89	7.81	8.02	7.97	7.86	7.77	7.83	7.76
160000	7.78	7.76	7.77	7.79	7.80	7.84	7.86	7.86	7.91	7.84	8.01	7.95	7.87	7.79	7.82	7.76
170000	7.82	7.76	7.79	7.79	7.77	7.82	7.88	7.89	7.90	7.87	8.01	7.98	7.87	7.79	7.81	7.78
180000	7.76	7.75	7.80	7.77	7.76	7.81	7.89	7.91	7.88	7.87	8.00	7.98	7.86	7.80	7.80	7.75
190000	7.80	7.74	7.80	7.76	7.76	7.79	7.83	7.91	7.88	7.87	7.99	7.94	7.86	7.78	7.81	7.76
200000	7.79	7.76	7.76	7.75	7.76	7.78	7.87	7.92	7.87	7.87	7.97	7.96	7.85	7.82	7.80	7.74
210000	7.77	7.75	7.74	7.75	7.76	7.77	7.81	7.94	7.85	7.87	7.95	7.95	7.81	7.82	7.80	7.74
220000	7.80	7.75	7.73	7.74	7.77	7.79	7.80	7.89	7.84	7.85	7.94	7.95	7.81	7.79	7.78	7.76
230000	7.82	7.74	7.71	7.77	7.76	7.77	7.78	7.93	7.81	7.82	7.91	7.94	7.79	7.79	7.76	7.76
Daily Max	7.82	7.81	7.80	7.82	7.93	7.93	7.90	7.97	7.92	7.87	8.02	7.98	7.94	7.82	7.85	7.78
Daily Min	7.68	7.73	7.70	7.69	7.76	7.77	0.00	7.77	7.81	7.78	7.82	7.85	7.79	7.74	7.74	7.71
Average	7.77	7.76	7.75	7.78	7.81	7.83	7.51	7.87	7.88	7.82	7.94	7.92	7.87	7.79	7.80	7.75

Missing data on 7/7 due to equipment change.

License maximum pH: 9
License minimum pH: 6

Sandstone Rapids pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	07:17:06	07:18:06	07:19:06	07:20:06	07:21:06	07:22:06	07:23:06	07:24:06	07:25:06	07:26:06	07:27:06	07:28:06	07:29:06	07:30:06	07:31:06
0	7.76	7.92	7.91	7.99	7.94	7.90	7.85	7.81	7.92	7.85	7.83	7.75	7.68	7.60	7.67
10000	7.76	7.93	7.91	7.98	7.93	7.89	7.87	7.81	7.92	7.87	7.84	7.77	7.68	7.65	7.65
20000	7.79	7.92	7.91	8.00	7.90	7.89	7.88	7.81	7.91	7.86	7.89	7.78	7.75	7.63	7.68
30000	7.78	7.90	7.92	8.01	7.92	7.90	7.90	7.81	7.88	7.89	7.90	7.77	7.82	7.68	7.68
40000	7.80	7.90	7.91	8.02	7.92	7.92	7.90	7.81	7.88	7.92	7.86	7.76	7.76	7.67	7.69
50000	7.79	7.92	7.90	8.03	7.88	7.93	7.90	7.85	7.89	7.91	7.87	7.81	7.66	7.68	7.70
60000	7.77	7.90	7.90	8.04	7.91	7.95	7.91	7.83	7.88	8.01	7.87	7.81	7.66	7.65	7.71
70000	7.75	7.90	7.90	8.07	7.91	7.96	7.88	7.87	7.89	8.08	7.79	7.74	7.73	7.66	7.74
80000	7.75	7.88	7.91	8.07	7.93	7.97	7.94	7.91	7.89	8.08	7.82	7.72	7.69	7.66	7.75
90000	7.88	7.89	7.97	8.09	7.92	7.96	7.95	7.95	7.91	8.08	7.75	7.66	7.63	7.69	7.75
100000	7.91	7.88	7.95	8.09	7.92	7.97	7.94	7.94	7.93	7.93	7.69	7.64	7.64	7.70	7.72
110000	7.93	7.88	7.96	8.08	7.95	7.96	7.96	7.92	7.90	7.83	7.68	7.61	7.60	7.65	7.69
120000	7.93	7.89	8.02	8.08	7.98	7.95	7.94	7.94	7.90	7.77	7.66	7.60	7.58	7.63	7.69
130000	7.89	7.86	8.01	8.08	7.97	7.93	7.94	7.95	7.89	7.76	7.69	7.60	7.58	7.60	7.68
140000	7.90	7.88	8.04	8.07	7.99	7.92	7.94	7.93	7.91	7.77	7.67	7.58	7.56	7.61	7.67
150000	7.92	7.88	8.01	8.06	7.99	7.91	7.91	7.99	7.90	7.76	7.67	7.58	7.55	7.61	7.67
160000	7.89	7.87	8.01	8.05	8.00	7.91	7.91	7.93	7.89	7.78	7.66	7.60	7.57	7.60	7.67
170000	7.90	7.92	8.00	8.03	8.03	7.89	7.84	7.97	7.88	7.77	7.66	7.59	7.57	7.60	7.66
180000	7.90	7.89	8.01	8.01	8.01	7.88	7.86	7.95	7.88	7.77	7.69	7.58	7.56	7.61	7.65
190000	7.87	7.90	7.99	8.00	8.00	7.88	7.86	7.91	7.88	7.76	7.68	7.60	7.58	7.61	7.64
200000	7.92	7.89	8.01	7.99	7.96	7.86	7.83	7.93	7.90	7.78	7.72	7.59	7.58	7.61	7.64
210000	7.91	7.93	8.00	7.97	7.92	7.86	7.81	7.92	7.89	7.82	7.70	7.62	7.60	7.62	7.65
220000	7.90	7.93	7.98	7.94	7.89	7.85	7.80	7.92	7.88	7.83	7.72	7.61	7.63	7.64	7.66
230000	7.90	7.90	7.99	7.93	7.90	7.84	7.82	7.93	7.89	7.85	7.79	7.63	7.59	7.65	7.67
Daily Max	7.93	7.93	8.04	8.09	8.03	7.97	7.96	7.99	7.93	8.08	7.90	7.81	7.82	7.70	7.75
Daily Min	7.75	7.86	7.90	7.93	7.88	7.84	7.80	7.81	7.88	7.76	7.66	7.58	7.55	7.60	7.64
Average	7.85	7.90	7.96	8.03	7.94	7.91	7.89	7.90	7.90	7.87	7.75	7.67	7.64	7.64	7.68

Sandstone Rapids pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	7.70	7.65	7.79	7.88	7.67	7.74	7.77	7.67	7.87	7.85	7.90	7.83	7.91	8.01	8.02
10000	7.71	7.68	7.82	7.81	7.88	7.69	7.70	7.80	7.65	7.92	7.83	7.90	7.84	7.87	8.04	8.06
20000	7.71	7.68	7.83	7.85	7.85	7.72	7.72	7.77	7.65	7.98	7.87	7.90	7.86	7.87	8.03	8.08
30000	7.69	7.71	7.84	7.85	7.85	7.75	7.76	7.79	7.67	8.01	7.90	7.89	7.83	7.91	7.99	8.10
40000	7.67	7.73	7.84	7.84	7.84	7.77	7.75	7.79	7.68	7.98	7.87	7.94	7.83	7.96	8.04	8.09
50000	7.69	7.72	7.83	7.85	7.85	7.81	7.77	7.75	7.67	7.95	7.86	7.93	7.85	7.91	8.01	8.09
60000	7.69	7.76	7.83	7.81	7.81	7.69	7.76	7.78	7.66	7.95	7.91	7.97	7.87	7.96	8.03	8.11
70000	7.71	7.76	7.81	7.82	7.82	7.69	7.76	7.80	7.66	7.97	7.90	7.99	7.87	7.95	8.09	8.15
80000	7.71	7.77	7.80	7.77	7.77	7.70	7.81	7.83	7.66	7.98	7.88	8.01	7.93	7.97	8.18	8.14
90000	7.73	7.83	7.79	7.75	7.75	7.65	7.80	7.77	7.67	7.97	7.91	8.01	7.91	7.97	8.10	8.17
100000	7.70	7.84	7.75	7.70	7.70	7.66	7.77	7.77	7.69	7.99	7.96	8.01	7.91	8.02	8.12	8.16
110000	7.71	7.82	7.75	7.71	7.71	7.65	7.71	7.77	7.69	7.95	7.98	7.99	7.96	8.07	8.11	8.13
120000	7.74	7.85	7.73	7.69	7.69	7.63	7.71	7.78	7.72	7.96	7.99	8.00	7.98	8.04	8.14	8.15
130000	7.69	7.81	7.72	7.68	7.68	7.61	7.70	7.72	7.73	7.94	7.97	8.00	7.99	8.05	8.16	8.13
140000	7.67	7.79	7.74	7.70	7.70	7.60	7.67	7.72	7.76	7.96	7.98	8.04	8.00	8.05	8.12	7.99
150000	7.67	7.77	7.74	7.69	7.69	7.62	7.67	7.71	7.74	7.93	7.94	8.08	8.00	8.07	8.17	7.95
160000	7.66	7.73	7.73	7.67	7.67	7.60	7.67	7.69	7.69	7.89	7.92	7.91	7.97	8.06	8.23	7.95
170000	7.65	7.75	7.75	7.67	7.67	7.63	7.65	7.69	7.72	7.84	7.88	7.92	8.00	8.05	8.12	7.94
180000	7.66	7.74	7.79	7.66	7.66	7.61	7.70	7.69	7.79	7.82	7.86	7.89	7.98	8.06	8.05	7.92
190000	7.65	7.74	7.81	7.68	7.68	7.63	7.71	7.66	7.81	7.82	7.86	7.85	7.94	8.09	8.03	7.93
200000	7.66	7.71	7.78	7.66	7.66	7.63	7.72	7.66	7.81	7.80	7.87	7.87	7.92	8.04	8.00	7.88
210000	7.66	7.72	7.79	7.67	7.67	7.67	7.74	7.64	7.80	7.82	7.87	7.84	7.91	8.03	8.00	7.90
220000	7.66	7.74	7.81	7.68	7.68	7.67	7.75	7.66	7.80	7.81	7.86	7.85	7.93	8.06	8.04	7.91
230000	7.66	7.79	7.86	7.68	7.68	7.67	7.76	7.66	7.87	7.82	7.88	7.84	7.95	8.05	8.06	7.89
Daily Max	7.74	7.85	7.86	7.88	7.88	7.72	7.81	7.83	7.87	8.01	7.99	8.08	8.00	8.09	8.23	8.17
Daily Min	7.65	7.65	7.72	7.66	7.66	7.60	7.67	7.64	7.65	7.80	7.83	7.84	7.83	7.85	7.99	7.88
Average	7.69	7.75	7.79	7.74	7.74	7.65	7.73	7.74	7.72	7.91	7.90	7.94	7.92	8.00	8.08	8.04

License maximum pH: 9
License minimum pH: 6

Sandstone Rapids pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HI-MMSS	7.89	7.81	7.83	7.82	7.86	7.93	7.97	7.78	7.92	7.82	7.69	7.74	7.74	7.74	7.80
0	7.91	7.84	7.81	7.81	7.85	7.91	8.01	7.80	7.92	7.82	7.68	7.75	7.75	7.74	7.80
10000	7.93	7.83	7.82	7.81	7.86	7.93	8.00	7.79	7.92	7.82	7.69	7.73	7.75	7.76	7.81
20000	7.92	7.83	7.81	7.83	7.87	7.94	8.03	7.77	7.92	7.80	7.69	7.76	7.76	7.77	7.80
30000	7.94	7.83	7.85	7.83	7.86	7.93	8.03	7.76	7.94	7.82	7.68	7.76	7.77	7.74	7.82
40000	7.98	7.86	7.85	7.85	7.86	7.93	8.02	7.76	7.99	7.81	7.69	7.76	7.77	7.74	7.84
50000	7.97	7.87	7.85	7.91	7.89	7.93	8.04	7.75	8.01	7.80	7.68	7.75	7.78	7.73	7.81
60000	7.92	7.89	7.84	7.92	7.89	7.96	8.04	7.77	8.06	7.81	7.70	7.75	7.79	7.75	7.83
70000	7.99	7.87	7.84	7.94	7.92	7.94	8.04	7.75	8.08	7.82	7.68	7.77	7.80	7.69	7.92
80000	8.00	7.89	7.88	7.95	7.93	8.01	8.05	7.76	7.99	7.80	7.73	7.76	7.82	7.75	7.87
90000	8.02	7.89	7.87	7.94	7.91	7.99	8.04	7.84	8.05	7.81	7.75	7.78	7.80	7.73	7.89
100000	7.97	7.89	7.87	7.94	7.96	8.00	8.04	7.88	8.06	7.80	7.73	7.78	7.78	7.76	7.92
120000	8.01	7.91	7.84	7.93	7.95	8.02	8.02	7.90	8.06	7.81	7.73	7.78	7.78	7.76	7.90
130000	7.99	7.89	7.88	7.96	7.95	8.01	8.00	7.88	8.05	7.80	7.75	7.76	7.78	7.80	7.95
140000	8.02	7.90	7.88	7.97	7.95	8.00	8.00	7.92	8.07	7.78	7.79	7.80	7.78	7.80	7.96
150000	7.96	7.88	7.91	7.96	7.99	8.01	8.01	7.92	8.05	7.77	7.73	7.78	7.76	7.75	7.94
160000	7.97	7.87	7.91	7.95	7.98	8.01	7.95	7.93	8.09	7.77	7.74	7.71	7.75	7.78	7.91
170000	8.02	7.88	7.91	7.95	7.95	8.01	7.88	7.90	7.99	7.75	7.72	7.72	7.74	7.72	7.86
180000	8.04	7.88	7.88	7.93	7.97	7.99	7.87	7.87	7.94	7.75	7.74	7.71	7.75	7.70	7.85
190000	8.04	7.86	7.89	7.91	7.96	7.99	7.84	7.89	7.89	7.73	7.71	7.70	7.72	7.71	7.82
200000	8.03	7.87	7.91	7.90	7.95	7.97	7.83	7.92	7.88	7.72	7.69	7.71	7.69	7.73	7.82
210000	7.94	7.87	7.86	7.88	7.88	7.98	7.83	7.91	7.85	7.71	7.73	7.71	7.70	7.76	7.83
220000	7.91	7.83	7.85	7.87	7.94	7.94	7.81	7.91	7.83	7.70	7.71	7.72	7.74	7.78	7.84
230000	7.81	7.84	7.84	7.86	7.91	7.94	7.79	7.93	7.84	7.71	7.72	7.72	7.72	7.78	7.84
Daily Max	8.04	7.91	7.91	7.97	7.99	8.02	8.05	7.93	8.08	7.82	7.79	7.80	7.82	7.80	7.96
Daily Min	7.81	7.81	7.81	7.81	7.85	7.91	7.79	7.75	7.83	7.70	7.68	7.70	7.69	7.69	7.80
Average	7.97	7.87	7.86	7.90	7.92	7.97	7.96	7.85	7.97	7.78	7.71	7.75	7.76	7.75	7.86

Sandstone Rapids pH Summary - September 2006

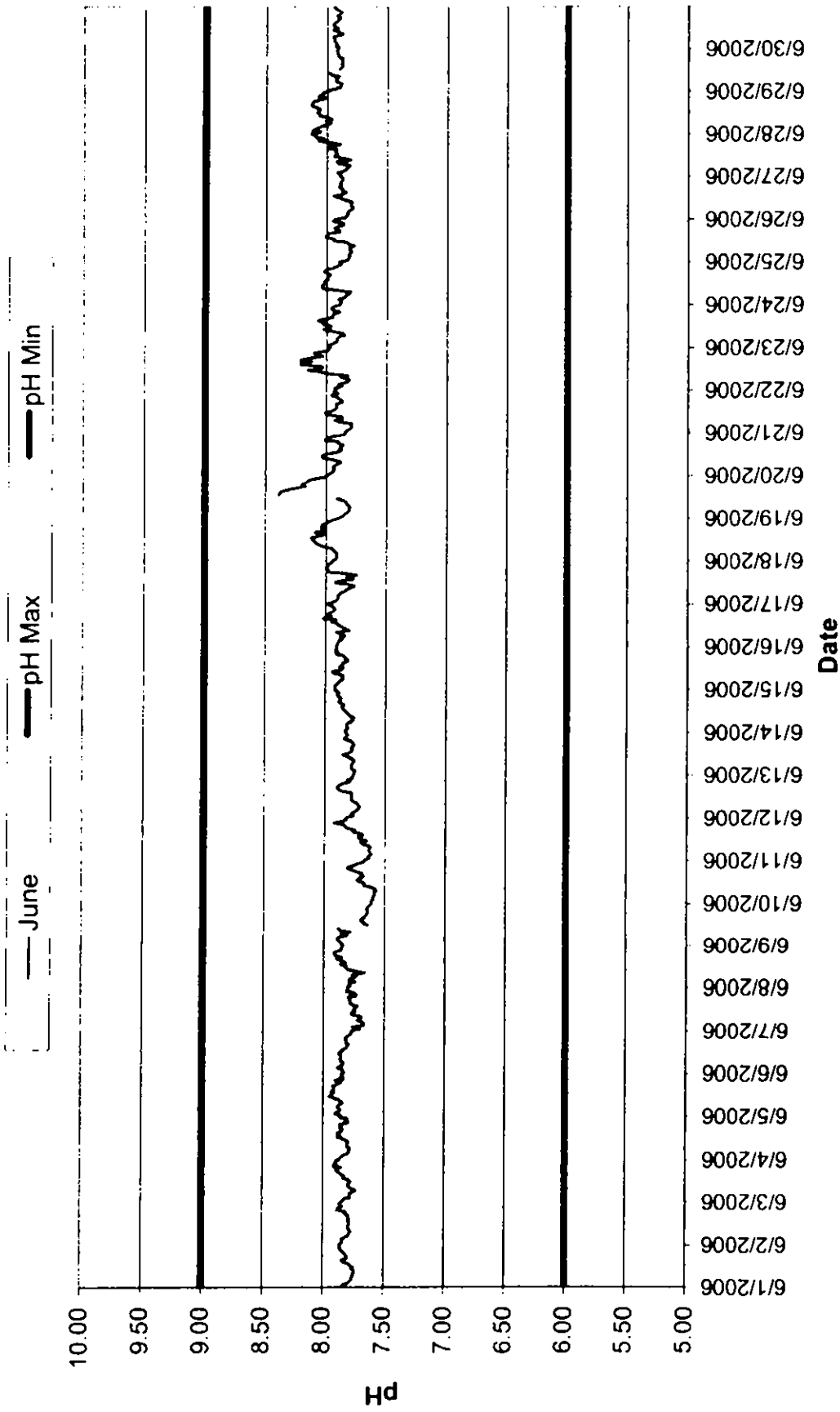
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0	7.82	8.10	8.09	8.06	8.04	8.01	8.06	8.13	8.06	8.09	8.01	7.95	7.88	7.85	8.00
10000	7.85	8.09	8.06	8.06	8.06	8.04	8.04	8.08	8.16	8.08	8.10	8.00	7.94	7.89	7.87	7.99
20000	7.86	8.10	8.09	8.03	8.00	8.01	8.01	8.05	8.15	8.09	8.11	8.01	7.95	7.89	7.86	7.99
30000	7.84	8.10	8.07	8.04	8.01	7.99	8.00	8.06	8.18	8.12	8.10	8.01	7.94	7.90	7.88	7.97
40000	7.88	8.10	8.04	8.03	8.00	8.00	8.02	8.06	8.20	8.12	8.12	8.00	7.94	7.89	7.84	7.98
50000	7.91	8.11	8.11	8.04	8.03	7.99	8.03	8.05	8.23	8.14	8.13	8.01	7.93	7.89	7.88	8.00
60000	7.88	8.08	8.07	8.04	8.00	8.04	8.00	8.06	8.12	8.14	8.14	8.03	7.93	7.90	7.89	8.03
70000	7.89	8.11	8.08	8.08	8.02	8.03	8.07	8.10	8.17	8.16	8.15	8.00	7.93	7.90	7.86	8.01
80000	7.92	8.15	8.11	8.07	8.03	8.01	8.09	8.11	8.14	8.17	8.15	8.03	7.94	7.91	7.87	7.97
90000	7.92	8.21	8.16	8.11	8.06	8.04	8.10	8.15	8.13	8.19	8.17	8.05	7.94	7.93	7.90	7.99
100000	7.91	8.20	8.15	8.07	8.07	8.04	8.14	8.12	8.13	8.19	8.00	8.03	7.95	7.91	7.90	8.01
110000	7.93	8.13	8.12	8.12	8.10	8.08	8.15	8.14	8.12	8.20	8.05	8.04	7.95	7.92	7.92	8.03
120000	8.13	8.16	8.15	8.14	8.05	8.04	8.11	8.11	8.12	8.20	8.07	8.05	7.94	7.92	7.91	8.05
130000	8.16	8.19	8.19	8.11	8.04	8.06	8.09	8.16	8.12	8.20	8.10	8.04	7.95	7.90	7.90	8.05
140000	8.17	8.20	8.17	8.12	8.07	8.07	8.14	8.12	8.13	8.19	8.10	8.05	7.95	7.88	7.94	8.04
150000	8.19	8.21	8.16	8.11	8.08	8.08	8.16	8.11	8.12	8.20	8.11	8.03	7.94	7.89	7.92	8.01
160000	8.22	8.21	8.17	8.14	8.09	8.08	8.16	8.12	8.12	8.20	8.12	8.05	7.94	7.90	7.95	7.96
170000	8.20	8.19	8.17	8.13	8.08	8.08	8.08	8.13	8.12	8.18	8.10	8.03	7.93	7.92	7.97	7.99
180000	8.11	8.14	8.17	8.14	8.07	8.09	8.10	8.15	8.11	8.19	8.09	8.01	7.92	7.91	7.96	8.02
190000	8.12	8.09	8.16	8.13	8.09	8.10	8.13	8.13	8.09	8.16	8.09	7.99	7.90	7.90	7.93	8.02
200000	8.08	8.08	8.12	8.09	8.02	8.05	8.15	8.12	8.08	8.15	8.08	7.98	7.90	7.95	7.96	8.00
210000	8.07	8.06	8.08	8.05	8.02	8.06	8.10	8.11	8.07	8.12	8.07	7.97	7.90	7.84	7.93	8.03
220000	8.10	8.08	8.06	8.00	8.05	8.06	8.11	8.14	8.06	8.11	8.05	7.96	7.89	7.83	7.99	8.05
230000	8.08	8.06	8.07	7.98	8.07	8.04	8.06	8.15	8.06	8.10	8.01	7.96	7.88	7.84	8.01	8.02
Daily Max	8.22	8.21	8.19	8.14	8.09	8.10	8.16	8.16	8.23	8.20	8.17	8.05	7.95	7.95	8.01	8.05
Daily Min	7.82	8.06	8.04	7.98	7.98	7.99	8.00	8.05	8.06	8.06	8.00	7.96	7.88	7.83	7.84	7.96
Average	8.01	8.13	8.12	8.08	8.04	8.05	8.09	8.11	8.13	8.15	8.10	8.01	7.93	7.90	7.91	8.01

License maximum pH: 9
License minimum pH: 6

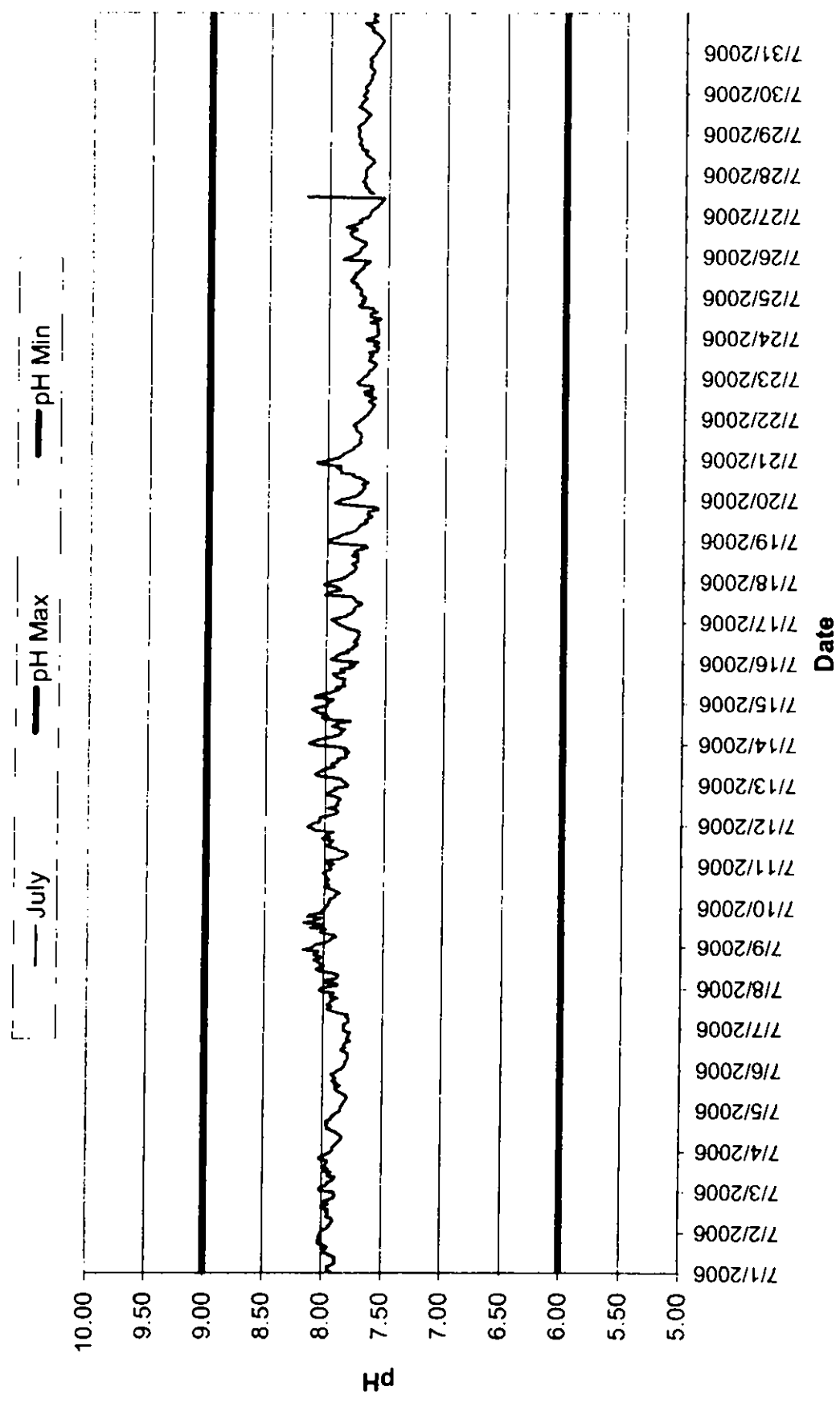
Sandstone Rapids pH Summary - September 2006

Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	06/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	8.06	7.98	8.15	8.05	8.04	8.13	8.10	8.01	8.04	8.08	8.05	7.94	7.98	8.00
10000	8.02	8.01	8.14	8.03	8.04	8.12	8.10	8.02	8.07	8.11	8.06	7.95	7.98	8.01
20000	8.03	8.04	8.13	8.01	8.03	8.12	8.07	7.99	8.03	8.12	8.08	7.94	8.00	8.02
30000	7.98	8.04	8.12	8.01	8.03	8.11	8.09	8.01	8.08	8.13	8.08	7.96	8.02	8.02
40000	8.00	8.05	8.12	8.01	8.03	8.10	8.09	8.00	8.10	8.12	8.07	7.97	8.03	8.03
50000	7.99	8.01	8.11	8.03	8.04	8.09	8.09	8.00	8.10	8.15	8.07	7.97	8.04	8.03
60000	7.98	8.02	8.11	8.04	8.05	8.07	8.06	7.97	8.11	8.15	8.06	7.98	8.03	8.02
70000	7.98	8.02	8.11	8.04	8.05	8.08	8.08	8.01	8.15	8.15	8.07	7.99	8.03	8.03
80000	8.00	7.99	8.11	8.05	8.06	8.08	8.07	8.03	8.15	8.18	8.06	8.00	8.04	8.04
90000	7.99	8.01	8.03	8.06	8.07	8.09	8.07	8.04	8.18	8.19	8.07	8.00	8.06	8.05
100000	8.03	8.00	7.99	8.06	8.14	8.12	8.07	8.02	8.16	8.18	8.06	8.00	8.06	8.05
110000	8.02	8.00	7.98	8.06	8.15	8.13	8.05	8.04	8.17	8.19	8.08	8.01	8.09	8.04
120000	8.05	8.04	7.97	8.06	8.16	8.12	8.03	8.09	8.19	8.19	8.07	8.02	8.10	8.04
130000	8.05	8.11	7.97	8.06	8.15	8.12	8.03	8.07	8.19	8.20	8.06	8.02	8.10	8.06
140000	8.03	8.19	7.97	8.06	8.16	8.12	8.03	8.07	8.20	8.20	8.03	8.00	8.06	8.08
150000	8.06	8.19	7.99	8.06	8.16	8.11	8.02	8.07	8.20	8.18	8.00	7.98	8.05	8.07
160000	7.99	8.19	7.97	8.06	8.16	8.11	8.00	8.14	8.20	8.17	7.98	7.98	8.05	8.02
170000	8.02	8.20	7.98	8.06	8.15	8.13	8.01	8.18	8.20	8.14	7.96	7.97	8.02	8.03
180000	7.95	8.19	7.99	8.06	8.15	8.14	8.01	8.12	8.19	8.10	7.96	7.96	8.02	8.06
190000	7.96	8.19	8.01	8.06	8.14	8.11	8.01	8.11	8.16	8.06	7.95	7.96	8.00	8.07
200000	8.00	8.17	8.02	8.06	8.12	8.10	8.02	8.13	8.10	8.03	7.95	7.96	8.00	8.06
210000	8.00	8.16	8.01	8.05	8.13	8.10	7.99	8.09	8.08	8.02	7.93	7.97	7.99	8.04
220000	8.01	8.16	8.04	8.04	8.12	8.11	8.00	7.99	8.08	8.03	7.94	7.97	7.99	8.04
230000	8.00	8.15	8.04	8.05	8.12	8.11	8.02	8.01	8.07	8.03	7.95	7.98	7.99	8.01
Daily Max	8.06	8.20	8.15	8.06	8.16	8.14	8.10	8.18	8.20	8.20	8.08	8.02	8.10	8.08
Daily Min	7.95	7.98	7.97	8.01	8.03	8.07	7.99	7.97	8.03	8.02	7.93	7.94	7.98	8.00
Average	8.01	8.09	8.04	8.05	8.10	8.11	8.05	8.05	8.13	8.13	8.02	7.98	8.03	8.04

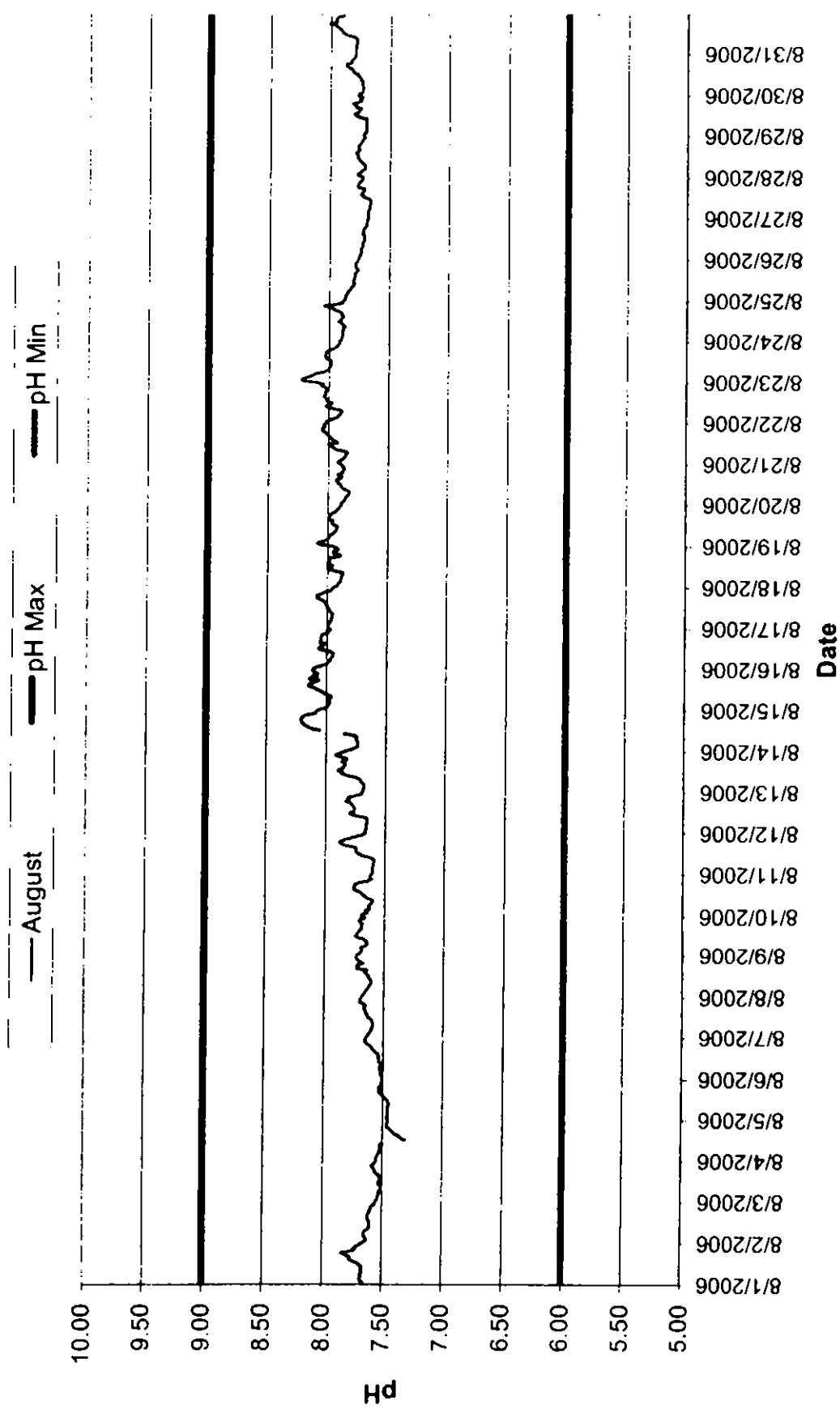
Potato Rapids Headwater pH Summary - June 2006



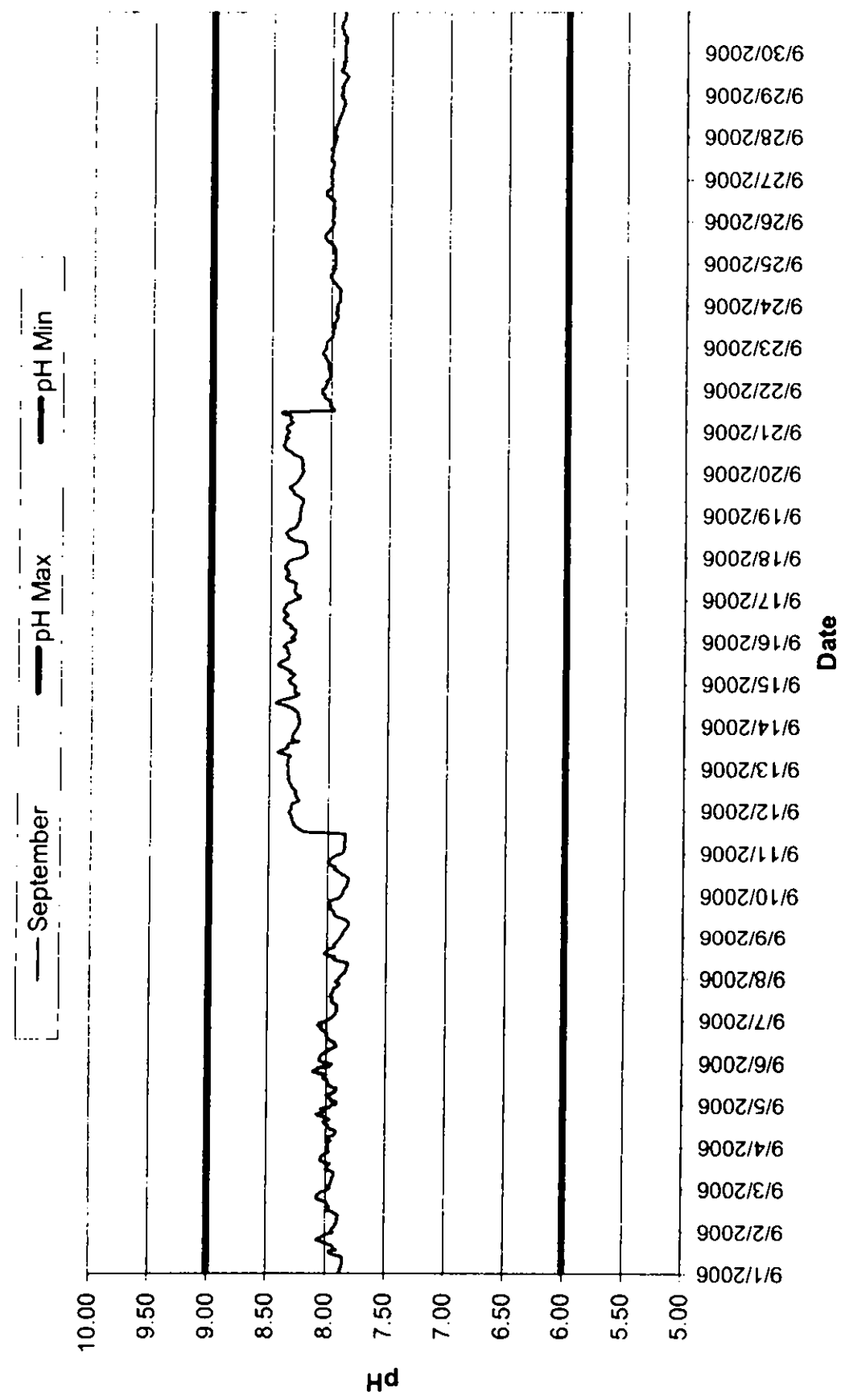
Potato Rapids Headwater pH Summary - July 2006



Potato Rapids Headwater pH Summary - August 2006



Potato Rapids Headwater pH Summary - September 2006



Potato Rapids Headwater pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7.86	7.83	7.86	7.86	7.83	7.76	7.80	7.84	7.61	7.67	7.82	7.76	7.83	7.92	7.91
10000	7.83	7.84	7.83	7.85	7.90	7.84	7.70	7.78	7.86	7.61	7.63	7.76	7.75	7.83	7.92	7.90
20000	7.79	7.84	7.77	7.83	7.87	7.84	7.76	7.79	7.86	7.60	7.64	7.78	7.75	7.81	7.92	7.90
30000	7.77	7.84	7.78	7.79	7.86	7.88	7.67	7.74	7.88	7.60	7.61	7.76	7.77	7.82	7.90	7.89
40000	7.76	7.81	7.78	7.79	7.87	7.85	7.67	7.79	7.89	7.59	7.62	7.73	7.78	7.82	7.89	7.86
50000	7.76	7.79	7.76	7.78	7.88	7.83	7.68	7.77	7.88	7.59	7.63	7.72	7.78	7.81	7.87	7.88
60000	7.75	7.78	7.73	7.78	7.87	7.84	7.72	7.73	7.81	7.59	7.63	7.71	7.77	7.77	7.85	7.84
70000	7.75	7.77	7.76	7.80	7.84	7.86	7.69	7.76	7.86	7.57	7.62	7.72	7.76	7.77	7.86	7.87
80000	7.74	7.78	7.79	7.80	7.85	7.86	7.69	7.66	7.78	7.58	7.63	7.73	7.76	7.76	7.85	7.91
90000	7.74	7.79	7.78	7.79	7.87	7.85	7.74	7.74	7.86	7.61	7.68	7.76	7.78	7.79	7.92	7.80
100000	7.76	7.79	7.79	7.81	7.90	7.86	7.77	7.80	7.88	7.67	7.70	7.78	7.81	7.81	7.94	7.83
110000	7.75	7.78	7.77	7.84	7.95	7.87	7.74	7.82	7.88	7.67	7.65	7.78	7.85	7.82	7.87	7.86
120000	7.77	7.78	7.79	7.88	7.93	7.85	7.75	7.81	7.64	7.69	7.71	7.78	7.80	7.84	7.85	7.89
130000	7.79	7.79	7.83	7.86	7.91	7.84	7.74	7.86	7.67	7.73	7.72	7.78	7.78	7.85	7.88	7.90
140000	7.83	7.78	7.82	7.88	7.93	7.81	7.72	7.82	7.68	7.71	7.68	7.78	7.77	7.86	7.86	7.95
150000	7.84	7.79	7.85	7.85	7.91	7.80	7.76	7.85	7.70	7.67	7.70	7.87	7.78	7.84	7.85	7.91
160000	7.80	7.79	7.86	7.84	7.91	7.79	7.78	7.89	7.68	7.70	7.76	7.89	7.76	7.86	7.81	8.02
170000	7.80	7.82	7.88	7.86	7.92	7.81	7.78	7.85	7.66	7.69	7.75	7.90	7.76	7.89	7.83	7.95
180000	7.81	7.81	7.89	7.85	7.88	7.81	7.79	7.90	7.65	7.75	7.81	7.88	7.77	7.87	7.84	7.98
190000	7.82	7.88	7.85	7.86	7.85	7.82	7.79	7.91	7.64	7.79	7.83	7.85	7.79	7.87	7.85	7.97
200000	7.84	7.87	7.91	7.79	7.90	7.81	7.73	7.91	7.64	7.81	7.84	7.79	7.84	7.89	7.91	7.93
210000	7.85	7.84	7.89	7.80	7.83	7.79	7.75	7.86	7.65	7.76	7.92	7.81	7.83	7.90	7.90	7.92
220000	7.86	7.86	7.90	7.80	7.85	7.77	7.81	7.86	7.64	7.73	7.85	7.77	7.81	7.88	7.92	7.93
230000	7.86	7.86	7.89	7.86	7.85	7.77	7.80	7.85	7.62	7.68	7.82	7.77	7.82	7.90	7.90	7.95
Daily Max	7.86	7.88	7.91	7.88	7.95	7.88	7.81	7.91	7.89	7.81	7.92	7.90	7.85	7.90	7.94	8.02
Daily Min	7.74	7.77	7.73	7.78	7.83	7.77	7.67	7.66	7.62	7.57	7.61	7.71	7.75	7.76	7.81	7.80
Average	7.80	7.81	7.82	7.83	7.88	7.83	7.74	7.81	7.75	7.67	7.71	7.79	7.79	7.84	7.88	7.91

Missing data on 6/9 due to equipment change.

License maximum pH: 9
License Minimum pH: 6

Potato Rapids Headwater pH Summary - June 2006

Time HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	7.98	7.95	7.90	7.99	7.84	7.92	7.97	7.89	7.90	7.93	7.89	8.13	7.99	7.90
10000	7.94	7.92	7.86	7.97	7.84	7.93	7.99	7.88	7.83	7.85	7.89	8.05	7.94	7.93
20000	7.91	7.91	7.85	7.94	7.81	7.87	7.95	7.88	7.82	7.84	7.91	8.12	7.89	7.92
30000	7.90	7.91	7.83	7.94	7.79	7.90	7.92	7.90	7.81	7.82	7.86	8.08	7.89	7.93
40000	7.90	7.91	7.81	7.93	7.79	7.85	7.91	7.86	7.82	7.83	7.84	8.05	7.88	7.94
50000	7.89	7.92	7.81	7.94	7.79	7.81	7.91	7.84	7.80	7.81	7.82	7.99	7.93	7.94
60000	7.88	7.94	7.80	7.92	7.88	7.81	7.89	7.82	7.79	7.78	7.81	7.97	7.92	7.95
70000	7.84	7.95	7.81	7.88	7.93	7.88	7.85	7.80	7.81	7.79	7.90	8.01	7.93	7.90
80000	7.83	8.01	7.83	7.89	7.87	7.82	7.87	7.90	7.81	7.80	7.92	7.96	7.90	7.87
90000	7.80	8.05	7.83	7.97	7.87	7.98	7.94	8.02	7.77	7.79	7.80	7.99	7.97	7.91
100000	7.76	8.08	7.86	8.03	7.99	8.04	8.02	8.04	7.82	7.80	7.86	8.06	7.98	7.95
110000	7.81	8.09	7.91	8.03	8.01	8.15	7.99	8.04	7.83	7.86	7.94	8.06	7.90	7.91
120000	7.92	8.11	0.00	8.00	7.96	8.03	7.96	8.00	7.94	7.89	7.92	8.08	7.88	7.95
130000	7.88	8.12	8.39	7.91	7.93	8.03	8.03	8.02	7.94	7.94	7.92	8.06	7.87	7.94
140000	7.77	8.04	8.38	7.87	7.91	8.20	8.02	7.99	8.01	7.89	7.93	8.06	7.87	7.94
150000	7.83	8.01	8.37	7.89	7.92	8.21	8.07	8.00	8.00	7.84	7.92	8.10	7.88	7.91
160000	7.74	8.09	8.31	7.88	7.92	8.12	8.03	7.98	7.99	7.87	8.00	8.13	7.87	7.91
170000	7.82	8.03	8.24	7.86	7.87	8.21	7.95	7.97	7.89	7.87	7.98	8.12	7.88	7.89
180000	7.99	8.00	8.17	7.90	7.87	8.13	7.95	8.00	7.90	7.90	7.89	8.11	7.87	7.92
190000	7.98	8.04	8.20	7.90	7.89	8.03	7.94	8.02	7.94	7.88	7.98	8.06	7.90	7.90
200000	8.00	8.03	8.16	8.01	7.91	8.08	7.89	7.99	7.90	7.89	8.07	8.01	7.91	7.88
210000	7.98	8.01	8.15	7.99	7.96	8.10	7.95	7.94	7.86	7.88	8.02	8.07	7.91	7.90
220000	7.99	7.98	8.10	7.95	7.90	8.00	7.96	7.90	7.87	7.87	8.09	8.03	7.92	7.93
230000	7.95	7.94	8.01	7.85	7.94	7.98	7.94	7.88	7.95	7.87	8.09	8.03	7.92	7.94
Daily Max	8.00	8.12	8.39	8.03	8.01	8.21	8.07	8.04	8.01	7.94	8.09	8.13	7.99	7.95
Daily Min	7.74	7.91	0.00	7.85	7.79	7.81	7.85	7.80	7.77	7.78	7.80	7.96	7.87	7.87
Average	7.89	8.00	7.69	7.94	7.89	8.00	7.95	7.94	7.88	7.85	7.93	8.06	7.91	7.92

Missing data on 6/19 and 6/29 due to equipment change

Potato Rapids Headwater pH Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0792	800	801	791	785	784	783	799	808	800	796	812	781	814	798	773
0	795	798	802	791	785	782	782	789	807	797	792	810	783	810	794	789
10000	794	795	800	791	784	782	783	788	801	797	799	804	786	807	794	796
20000	795	794	796	789	783	781	779	799	796	795	798	804	787	800	809	792
30000	792	793	795	788	782	781	779	797	794	796	787	804	795	793	807	791
40000	789	792	795	787	781	780	779	789	793	795	785	801	805	789	802	789
50000	789	791	791	785	780	779	779	788	790	791	781	795	808	787	796	781
60000	789	791	790	784	780	779	779	788	791	791	781	790	805	787	791	783
70000	789	792	789	784	780	779	779	793	797	787	782	789	802	784	788	778
80000	789	796	795	785	782	779	787	801	803	789	788	790	801	794	784	774
90000	793	795	794	788	785	783	792	806	799	793	790	797	792	794	785	774
100000	795	794	792	790	788	785	797	804	812	800	796	791	794	790	785	774
110000	799	796	799	793	789	781	795	800	812	800	798	799	795	790	786	777
120000	798	794	795	796	790	783	793	800	803	796	795	789	790	779	785	776
130000	796	800	798	796	785	782	797	804	801	799	795	789	788	797	784	773
140000	795	800	797	797	790	781	794	804	817	798	793	787	790	803	791	774
150000	798	800	797	797	788	777	794	808	810	796	802	788	782	798	792	772
160000	802	798	797	797	792	780	792	802	805	798	796	793	783	800	794	773
170000	803	797	796	793	790	780	788	803	802	798	798	799	783	806	785	772
180000	803	793	802	792	790	778	794	808	814	799	799	798	780	808	786	776
190000	800	790	802	792	791	779	794	806	812	801	793	794	784	811	788	782
200000	802	789	798	790	793	777	791	804	801	798	809	790	782	807	778	785
210000	801	790	796	788	789	782	802	817	802	794	810	792	789	799	776	788
220000	801	790	793	785	788	783	803	811	799	795	815	781	806	799	780	791
230000	801	790	793	785	788	783	803	811	799	795	815	781	806	799	780	791
Daily Max	803	800	802	797	793	785	803	817	817	801	815	812	808	814	809	796
Daily Min	789	789	789	784	780	777	779	788	790	787	781	781	780	779	776	772
Average	796	794	796	790	786	781	789	800	802	796	795	795	791	798	790	781

License maximum pH: 9
License Minimum pH: 6

Potato Rapids Headwater pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
0	7.93	7.96	7.99	7.88	7.96	7.71	7.71	7.62	7.70	7.80	7.66	7.70	7.76	7.71	7.62
10000	7.96	7.89	7.95	7.82	7.91	7.69	7.69	7.59	7.73	7.78	7.66	7.70	7.75	7.69	7.61
20000	7.92	7.86	7.91	7.77	7.89	7.67	7.67	7.58	7.74	7.78	7.65	7.70	7.75	7.69	7.60
30000	7.84	7.83	7.88	7.73	7.87	7.66	7.66	7.59	7.72	7.74	7.64	7.69	7.75	7.71	7.59
40000	7.83	7.81	7.84	7.73	7.84	7.65	7.66	7.58	7.73	7.74	7.62	7.68	7.77	7.70	7.58
50000	7.79	7.79	7.79	7.71	7.81	7.64	7.63	7.59	7.73	7.73	7.60	7.66	7.75	7.69	7.57
60000	7.78	7.77	7.76	7.70	7.78	7.63	7.62	7.59	7.77	7.70	7.59	7.65	7.73	7.67	7.56
70000	7.76	7.76	7.74	7.68	7.78	7.62	7.61	7.59	7.76	7.69	7.57	7.63	7.71	7.67	7.56
80000	7.77	7.75	7.73	7.69	7.75	7.61	7.60	7.59	7.77	7.69	7.56	7.63	7.70	7.66	7.57
90000	7.75	7.77	7.73	7.71	7.74	7.63	7.61	7.65	7.81	7.72	7.55	7.64	7.70	7.65	7.58
100000	7.71	7.79	7.68	7.66	7.72	7.66	7.66	7.59	7.82	7.76	7.54	7.66	7.68	7.65	7.59
110000	7.70	7.74	7.66	7.69	7.73	7.63	7.65	7.56	7.78	7.79	8.19	7.68	7.66	7.65	7.61
120000	7.75	7.74	7.68	7.70	7.73	7.60	7.65	7.63	7.80	7.81	7.70	7.70	7.67	7.64	7.64
130000	7.76	7.74	7.66	7.73	7.72	7.63	7.63	7.65	7.77	7.82	7.63	7.70	7.69	7.63	7.65
140000	7.77	7.74	7.62	7.79	7.72	7.69	7.63	7.65	7.78	7.83	7.67	7.68	7.70	7.64	7.65
150000	7.79	7.79	7.65	7.78	7.72	7.63	7.66	7.59	7.74	7.80	7.67	7.73	7.73	7.65	7.65
160000	8.01	7.74	7.66	7.89	7.74	7.70	7.59	7.62	7.74	7.77	7.68	7.73	7.76	7.67	7.68
170000	7.98	7.77	7.65	7.89	7.76	7.62	7.59	7.63	7.71	7.86	7.70	7.73	7.74	7.66	7.71
180000	7.95	7.75	7.58	7.90	7.77	7.63	7.58	7.73	7.71	7.81	7.70	7.75	7.73	7.66	7.61
190000	7.88	7.71	7.58	7.93	7.76	7.63	7.62	7.75	7.70	7.77	7.70	7.75	7.73	7.65	7.63
200000	7.90	7.66	7.62	7.89	7.79	7.73	7.61	7.72	7.67	7.73	7.72	7.74	7.71	7.67	7.64
210000	7.93	7.68	7.84	8.05	7.77	7.76	7.58	7.70	7.65	7.75	7.71	7.74	7.69	7.66	7.63
220000	8.02	7.88	7.94	8.09	7.74	7.74	7.67	7.72	7.88	7.72	7.70	7.75	7.71	7.64	7.61
230000	7.99	7.99	7.91	8.02	7.73	7.72	7.68	7.69	7.87	7.68	7.69	7.76	7.72	7.62	7.64
Daily Max	8.02	7.99	7.99	8.09	7.96	7.76	7.71	7.75	7.88	7.86	8.19	7.76	7.77	7.71	7.71
Daily Min	7.70	7.66	7.58	7.66	7.72	7.60	7.58	7.56	7.65	7.68	7.54	7.63	7.66	7.62	7.56
Average	7.85	7.79	7.75	7.81	7.78	7.66	7.64	7.63	7.75	7.76	7.67	7.70	7.72	7.66	7.62

Missing data due to equipment change 7/27

Potato Rapids Headwater pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
HHMMSS	0	7.66	7.65	7.55	7.55	7.51	7.64	7.68	7.72	7.69	7.61	7.66	7.69	7.84	8.06	8.11
10000	7.66	7.63	7.54	7.55	7.47	7.51	7.63	7.67	7.70	7.68	7.60	7.67	7.69	7.79	8.01	8.08
20000	7.68	7.63	7.54	7.55	7.46	7.51	7.62	7.66	7.69	7.64	7.60	7.66	7.68	7.75	7.99	8.03
30000	7.68	7.64	7.53	7.54	7.46	7.52	7.61	7.65	7.68	7.66	7.61	7.66	7.68	7.73	7.98	7.99
40000	7.67	7.65	7.53	7.53	7.46	7.52	7.60	7.64	7.69	7.62	7.60	7.66	7.68	7.74	7.97	7.98
50000	7.68	7.65	7.53	7.52	7.46	7.52	7.60	7.63	7.68	7.63	7.60	7.66	7.68	7.74	7.97	7.97
60000	7.67	7.65	7.52	7.52	7.46	7.53	7.59	7.62	7.65	7.64	7.60	7.65	7.70	7.74	7.96	7.97
70000	7.67	7.63	7.51	7.52	7.46	7.52	7.59	7.61	7.64	7.61	7.59	7.65	7.71	7.75	7.96	7.95
80000	7.67	7.61	7.51	7.52	7.46	7.52	7.59	7.61	7.65	7.60	7.59	7.65	7.72	7.74	7.96	7.95
90000	7.67	7.61	7.51	7.52	7.45	7.52	7.59	7.61	7.65	7.60	7.59	7.65	7.75	7.75	7.99	7.94
100000	7.67	7.60	7.53	7.51	7.46	7.54	7.60	7.62	7.67	7.65	7.64	7.73	7.83	7.85	8.03	7.97
110000	7.68	7.61	7.53	7.51	7.46	7.53	7.61	7.63	7.72	7.66	7.69	7.78	7.86	8.04	8.04	8.04
120000	7.70	7.61	7.52	7.31	7.47	7.54	7.63	7.63	7.74	7.68	7.71	7.80	7.87	8.05	8.08	8.07
130000	7.73	7.61	7.51	7.34	7.49	7.54	7.64	7.65	7.73	7.69	7.74	7.76	7.90	8.12	8.10	8.03
140000	7.77	7.62	7.52	7.36	7.50	7.54	7.64	7.66	7.72	7.72	7.74	7.76	7.86	8.15	8.15	8.05
150000	7.77	7.62	7.52	7.38	7.51	7.56	7.65	7.64	7.71	7.75	7.74	7.76	7.85	8.18	8.15	8.01
160000	7.77	7.62	7.54	7.41	7.53	7.57	7.65	7.72	7.70	7.76	7.75	7.77	7.84	8.19	8.11	8.06
170000	7.81	7.61	7.56	7.42	7.53	7.59	7.66	7.72	7.68	7.75	7.84	7.78	7.84	8.21	8.06	8.05
180000	7.84	7.61	7.56	7.44	7.53	7.60	7.66	7.72	7.69	7.75	7.87	7.80	7.87	8.21	8.15	8.05
190000	7.76	7.60	7.57	7.45	7.53	7.61	7.65	7.67	7.68	7.72	7.88	7.83	7.83	8.21	8.07	8.04
200000	7.72	7.59	7.58	7.47	7.52	7.63	7.66	7.70	7.68	7.64	7.86	7.80	7.83	8.20	8.12	8.04
210000	7.73	7.59	7.59	7.47	7.51	7.65	7.70	7.72	7.71	7.61	7.80	7.81	7.89	8.16	8.07	7.99
220000	7.71	7.56	7.57	7.46	7.51	7.65	7.70	7.73	7.71	7.62	7.75	7.75	7.92	8.09	8.10	8.00
230000	7.68	7.56	7.56	7.46	7.51	7.65	7.69	7.73	7.66	7.62	7.69	7.70	7.88	8.09	8.12	7.97
Daily Max	7.84	7.65	7.59	7.55	7.53	7.65	7.70	7.73	7.74	7.76	7.88	7.83	7.92	8.21	8.15	8.11
Daily Min	7.66	7.56	7.51	7.31	7.45	7.51	7.59	7.61	7.64	7.60	7.59	7.65	7.68	7.73	7.96	7.94
Average	7.71	7.62	7.54	7.47	7.49	7.56	7.63	7.66	7.69	7.67	7.70	7.73	7.79	7.97	8.05	8.01

Missing data on 8/4 and 8/14 due to equipment change.

License maximum pH: 9
License Minimum pH: 6

Potato Rapids Headwater pH Summary - August 2006

Time HHMMSS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	7.98	7.94	7.96	7.89	7.89	8.02	8.10	7.91	7.88	7.76	7.68	7.72	7.72	7.77	7.79
10000	7.99	7.91	8.06	7.89	7.92	8.02	8.21	7.90	7.87	7.75	7.68	7.72	7.72	7.76	7.79
20000	7.99	7.91	8.09	7.87	7.91	7.99	8.23	7.90	7.87	7.75	7.68	7.77	7.70	7.73	7.79
30000	7.98	7.89	8.03	7.86	7.88	7.95	8.18	7.89	7.87	7.74	7.68	7.74	7.70	7.73	7.79
40000	7.97	7.89	8.00	7.86	7.86	7.92	8.14	7.89	7.85	7.74	7.68	7.73	7.70	7.72	7.78
50000	7.97	7.89	7.99	7.85	7.86	7.91	8.12	7.89	7.85	7.73	7.67	7.71	7.70	7.73	7.79
60000	7.96	7.88	7.99	7.83	7.85	7.90	8.06	7.89	7.84	7.74	7.67	7.71	7.70	7.73	7.78
70000	7.96	7.88	7.96	7.83	7.84	7.89	8.01	7.88	7.82	7.73	7.67	7.71	7.70	7.73	7.78
80000	7.95	7.87	7.95	7.82	7.88	7.90	8.00	7.88	7.82	7.72	7.66	7.72	7.70	7.73	7.78
90000	7.96	7.89	7.93	7.85	7.94	7.97	7.99	7.87	7.80	7.72	7.66	7.74	7.70	7.74	7.78
100000	7.98	7.98	7.93	7.88	7.96	8.02	7.98	7.89	7.79	7.72	7.66	7.75	7.70	7.75	7.80
110000	7.98	8.00	7.92	7.89	7.98	7.99	7.98	7.90	7.80	7.71	7.67	7.76	7.76	7.76	7.86
120000	8.00	7.96	7.93	7.90	8.00	7.97	7.98	7.92	7.80	7.71	7.70	7.77	7.78	7.77	7.88
130000	8.00	7.96	7.96	7.91	7.92	8.01	7.98	7.90	7.79	7.71	7.72	7.77	7.80	7.79	7.90
140000	8.01	8.00	7.97	7.93	7.96	8.01	8.02	7.89	7.79	7.71	7.74	7.78	7.76	7.81	7.91
150000	8.01	7.99	7.96	7.93	7.97	8.03	8.03	7.88	7.78	7.72	7.72	7.76	7.76	7.82	7.92
160000	8.03	7.98	8.00	7.89	7.99	8.04	8.03	7.90	7.79	7.72	7.72	7.75	7.74	7.84	7.94
170000	8.07	7.99	7.99	7.89	7.99	8.02	8.02	7.90	7.77	7.72	7.71	7.76	7.78	7.87	7.96
180000	8.09	7.89	7.98	7.92	8.01	8.03	8.02	7.93	7.76	7.71	7.76	7.76	7.79	7.87	8.01
190000	8.09	7.90	7.97	7.88	8.03	8.02	7.99	7.96	7.77	7.70	7.77	7.75	7.81	7.83	7.95
200000	8.05	7.95	7.94	7.88	8.05	8.02	7.96	7.98	7.78	7.69	7.76	7.74	7.77	7.83	7.96
210000	8.01	7.95	7.92	7.87	8.05	8.02	7.93	8.04	7.78	7.69	7.75	7.73	7.74	7.81	7.95
220000	7.97	7.91	7.91	7.87	8.03	8.06	7.92	7.94	7.78	7.69	7.73	7.72	7.75	7.80	7.94
230000	7.96	7.92	7.90	7.88	8.04	8.04	7.91	7.89	7.77	7.68	7.73	7.71	7.73	7.79	7.89
Daily Max	8.09	8.00	8.09	7.93	8.05	8.06	8.23	8.04	7.88	7.76	7.77	7.78	7.81	7.87	8.01
Daily Min	7.95	7.87	7.90	7.82	7.84	7.89	7.91	7.87	7.76	7.68	7.66	7.71	7.69	7.72	7.78
Average	8.00	7.93	7.97	7.88	7.95	7.99	8.03	7.91	7.81	7.72	7.70	7.74	7.74	7.78	7.85

Potato Rapids pH Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000	7.88	7.94	7.96	7.98	7.91	8.02	7.98	7.89	7.88	7.88	7.87	7.87	7.87	7.87	7.87	7.87
20000	7.87	7.92	7.96	7.98	7.96	8.06	7.94	7.86	7.87	7.87	7.86	7.87	7.86	7.86	7.86	7.86
30000	7.86	7.91	7.95	7.95	7.96	8.05	7.93	7.85	7.86	7.86	7.85	7.86	7.85	7.85	7.85	7.85
40000	7.86	7.91	7.95	7.98	7.97	8.04	7.92	7.84	7.85	7.85	7.86	7.85	7.86	7.86	7.86	7.86
50000	7.85	7.90	7.94	7.99	8.00	8.02	7.92	7.84	7.84	7.84	7.84	7.84	7.86	7.86	7.86	7.86
60000	7.85	7.90	7.94	7.94	7.95	8.00	7.92	7.83	7.83	7.84	7.83	7.84	7.86	7.86	7.86	7.86
70000	7.85	7.90	7.93	7.92	7.92	7.97	7.91	7.83	7.82	7.83	7.83	7.84	7.86	7.86	7.86	7.86
80000	7.85	7.89	7.93	7.91	7.91	7.93	7.91	7.82	7.82	7.83	7.85	7.85	7.85	7.85	7.85	7.85
90000	7.85	7.89	7.93	7.92	7.91	7.91	7.91	7.82	7.82	7.82	7.85	7.85	7.85	7.85	7.85	7.85
100000	7.91	7.91	7.96	7.97	7.95	7.92	7.94	7.92	7.83	7.83	7.82	7.82	7.85	7.85	7.85	7.85
110000	7.96	7.94	8.00	7.99	7.98	7.93	7.96	7.95	7.86	7.85	7.85	7.85	7.85	7.85	7.85	7.85
120000	7.97	7.99	7.99	7.98	7.98	7.96	7.95	7.93	7.86	7.85	7.85	7.85	7.85	7.85	7.85	7.85
130000	7.90	7.97	7.98	8.01	7.99	7.98	7.95	7.93	7.91	7.90	7.88	7.88	7.85	7.85	7.85	7.85
140000	7.93	7.97	7.96	8.02	7.99	8.00	7.97	8.02	7.94	7.92	8.23	8.23	8.25	8.25	8.25	8.25
150000	7.93	7.99	8.01	8.02	7.99	8.00	7.96	8.00	7.94	7.92	8.25	8.31	8.33	8.33	8.33	8.33
160000	7.96	7.98	8.04	8.03	8.02	7.99	7.95	7.95	7.95	7.94	8.27	8.32	8.25	8.25	8.25	8.25
170000	8.00	8.02	8.04	8.03	8.00	8.01	7.95	7.95	7.95	7.93	8.29	8.33	8.31	8.32	8.32	8.32
180000	8.04	8.07	8.04	8.08	8.06	8.03	7.94	7.93	7.98	7.97	8.29	8.33	8.30	8.30	8.30	8.30
190000	8.07	8.07	8.02	8.02	8.11	8.05	7.91	7.94	7.97	7.98	8.30	8.34	8.30	8.25	8.25	8.25
200000	8.04	8.07	8.00	8.03	8.08	8.04	7.90	7.92	7.99	7.98	8.31	8.34	8.29	8.29	8.29	8.29
210000	8.02	8.05	7.97	8.04	8.06	8.07	7.89	7.91	7.99	7.96	8.31	8.34	8.28	8.29	8.29	8.29
220000	7.99	8.03	7.99	7.97	7.97	8.06	7.93	7.90	7.92	7.94	8.32	8.34	8.27	8.28	8.28	8.28
230000	7.93	7.98	7.98	7.95	7.95	8.01	7.90	7.89	7.89	7.90	8.33	8.34	8.26	8.29	8.29	8.29
Daily Max	8.07	8.07	8.04	8.08	8.11	8.07	7.98	8.02	7.99	8.00	8.33	8.34	8.43	8.45	8.43	8.39
Daily Min	7.85	7.89	7.93	7.91	7.91	7.91	7.89	7.82	7.82	7.82	7.85	8.25	8.25	8.25	8.29	8.28
Average	7.93	7.96	7.98	7.98	7.98	8.00	7.93	7.91	7.90	7.89	8.07	8.30	8.33	8.30	8.35	8.34

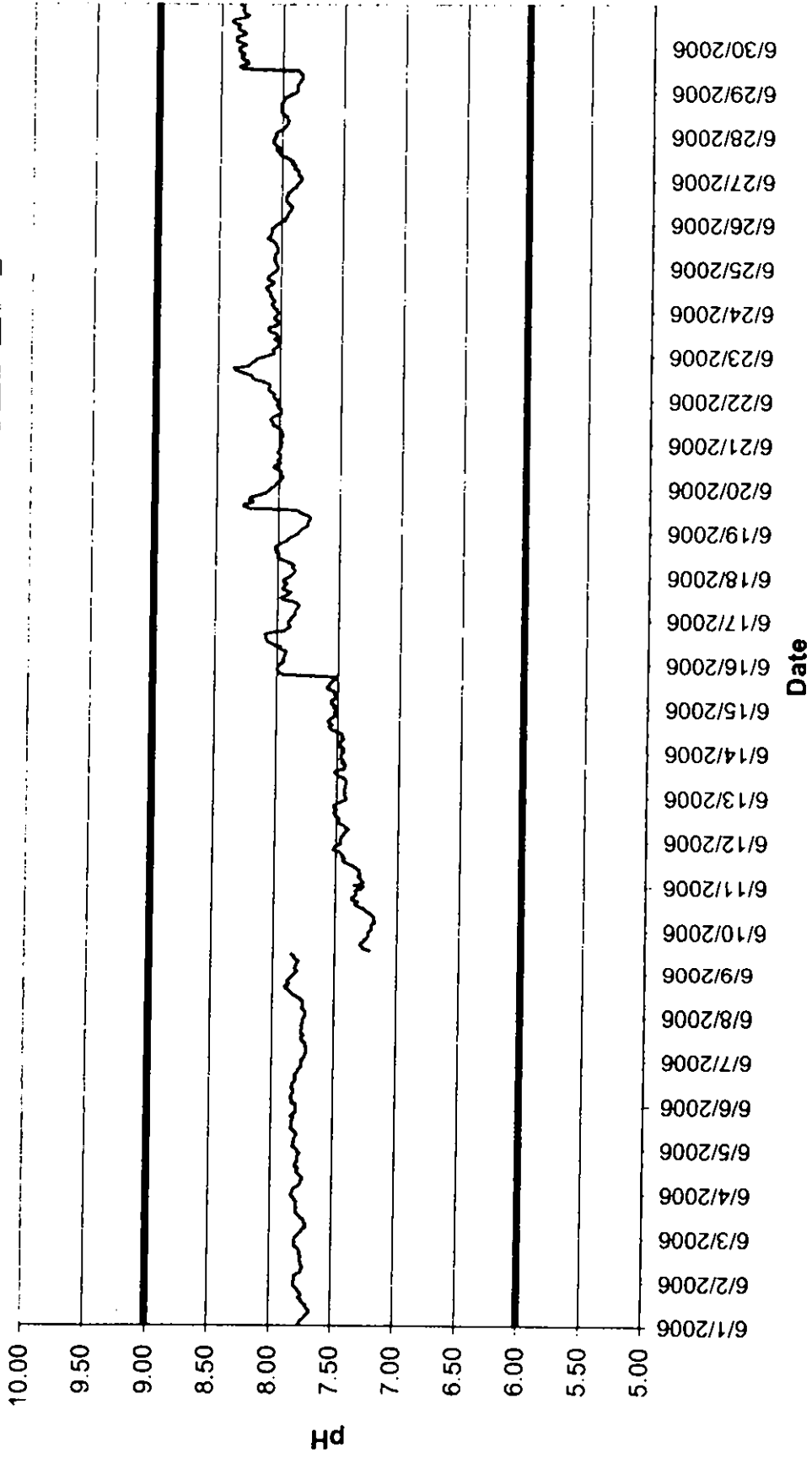
License maximum pH: 9
License Minimum pH: 6

Potato Rapids pH Summary - September 2006

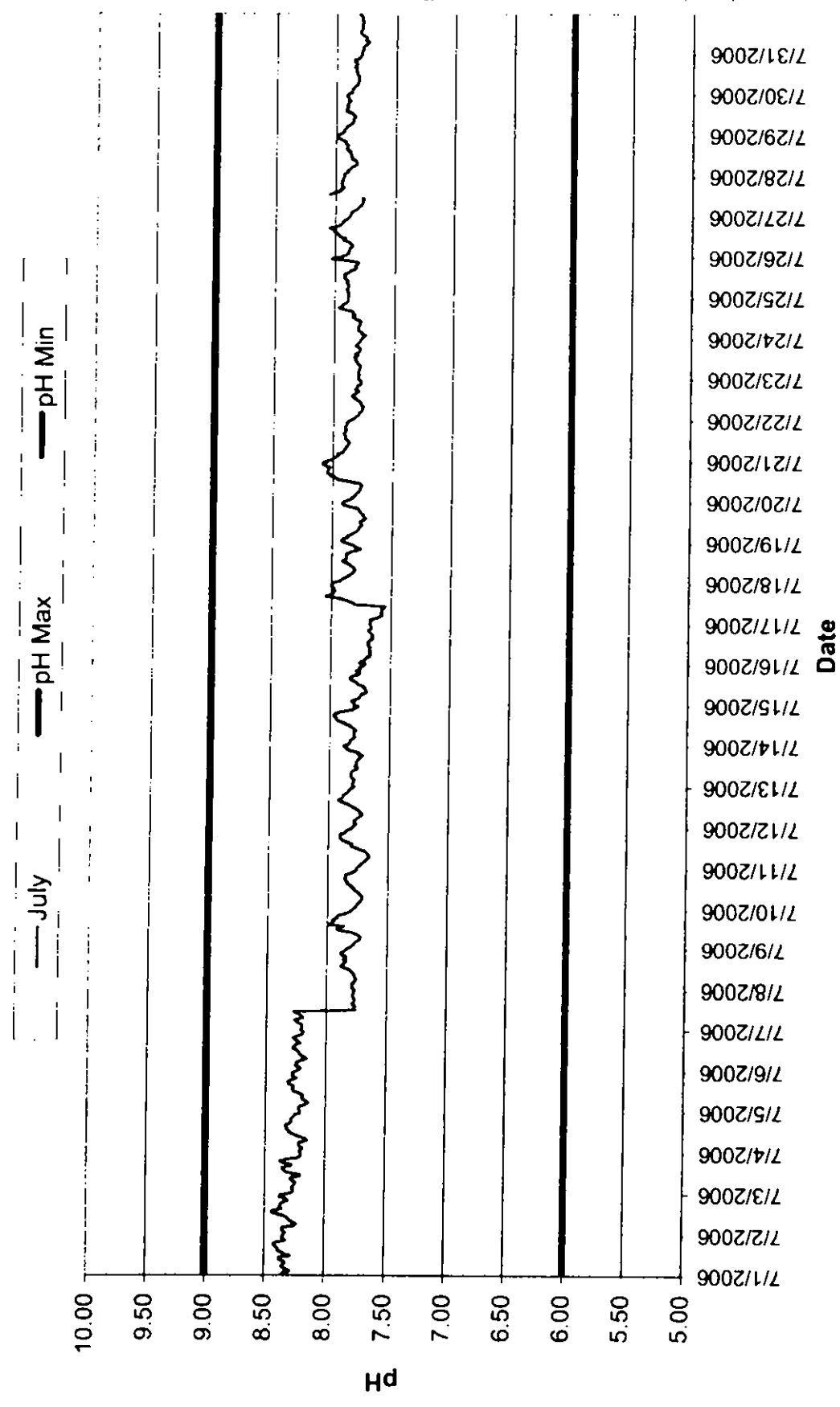
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	06/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	06/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
0	8.29	8.25	8.26	8.24	8.35	8.08	8.05	7.95	7.97	8.00	8.00	7.96	7.93	7.90
10000	8.25	8.22	8.26	8.23	8.37	8.05	8.04	7.94	7.97	8.00	8.01	7.97	7.91	7.90
20000	8.25	8.20	8.25	8.23	8.38	8.05	8.04	7.93	7.97	7.99	8.01	7.98	7.92	7.90
30000	8.28	8.19	8.25	8.24	8.37	8.04	8.04	7.93	7.97	7.98	8.01	7.98	7.91	7.90
40000	8.29	8.20	8.25	8.24	8.34	8.03	8.02	7.93	7.97	7.99	8.00	7.97	7.92	7.90
50000	8.30	8.20	8.24	8.23	8.32	8.04	8.00	7.93	7.97	7.99	8.01	7.97	7.91	7.89
60000	8.29	8.20	8.24	8.24	8.33	8.02	7.99	7.93	7.97	7.98	8.00	7.97	7.91	7.88
70000	8.29	8.20	8.23	8.24	8.34	8.01	7.99	7.93	7.97	7.98	7.99	7.96	7.90	7.90
80000	8.29	8.21	8.23	8.24	8.33	8.01	7.98	7.92	7.97	7.98	7.99	7.95	7.89	7.88
90000	8.28	8.22	8.23	8.25	8.34	8.01	7.98	7.93	7.98	7.99	7.99	7.95	7.88	7.89
100000	8.30	8.30	8.25	8.28	8.40	8.01	7.99	7.94	7.98	7.99	7.99	7.94	7.87	7.90
110000	8.35	8.33	8.27	8.32	8.42	8.02	7.97	7.96	8.00	7.98	8.01	7.94	7.88	7.91
120000	8.37	8.36	8.30	8.33	7.97	8.03	7.97	7.96	8.02	7.98	8.01	7.93	7.89	7.91
130000	8.37	8.36	8.31	8.36	7.98	8.03	7.98	7.98	8.04	8.01	8.01	7.93	7.92	7.91
140000	8.34	8.37	8.31	8.38	7.99	8.02	7.97	7.99	8.05	8.02	8.00	7.92	7.93	7.93
150000	8.36	8.36	8.33	8.39	8.01	8.02	7.96	8.00	8.06	8.05	8.00	7.91	7.91	7.93
160000	8.35	8.34	8.35	8.40	8.00	8.03	7.95	8.01	8.06	8.04	7.99	7.91	7.91	7.92
170000	8.36	8.30	8.32	8.39	8.01	8.04	7.95	8.01	8.05	8.05	8.01	7.91	7.90	7.92
180000	8.38	8.28	8.30	8.39	8.02	8.05	7.94	7.99	8.03	8.03	7.99	7.90	7.91	7.91
190000	8.38	8.28	8.28	8.38	8.04	8.05	7.96	7.99	8.02	8.01	7.99	7.90	7.89	7.90
200000	8.36	8.27	8.27	8.36	8.06	8.07	7.96	7.98	8.00	8.00	7.98	7.90	7.90	7.90
210000	8.36	8.26	8.26	8.38	8.05	8.07	7.94	7.97	8.00	8.00	7.98	7.90	7.89	7.90
220000	8.34	8.26	8.26	8.37	8.08	8.06	7.95	7.98	7.99	8.01	7.97	7.92	7.90	7.89
230000	8.31	8.26	8.24	8.36	8.07	8.04	7.95	7.97	7.98	8.00	7.98	7.91	7.90	7.90
Daily Max	8.38	8.37	8.35	8.40	8.42	8.08	8.05	8.01	8.06	8.05	8.01	7.98	7.93	7.93
Daily Min	8.25	8.19	8.23	8.23	7.97	8.01	7.94	7.92	7.97	7.98	7.97	7.90	7.87	7.88
Average	8.32	8.27	8.27	8.31	8.19	8.04	7.98	7.96	8.00	8.00	8.00	7.94	7.90	7.90

Potato Rapids Tailwater pH Summary - June 2006

June pH Max pH Min

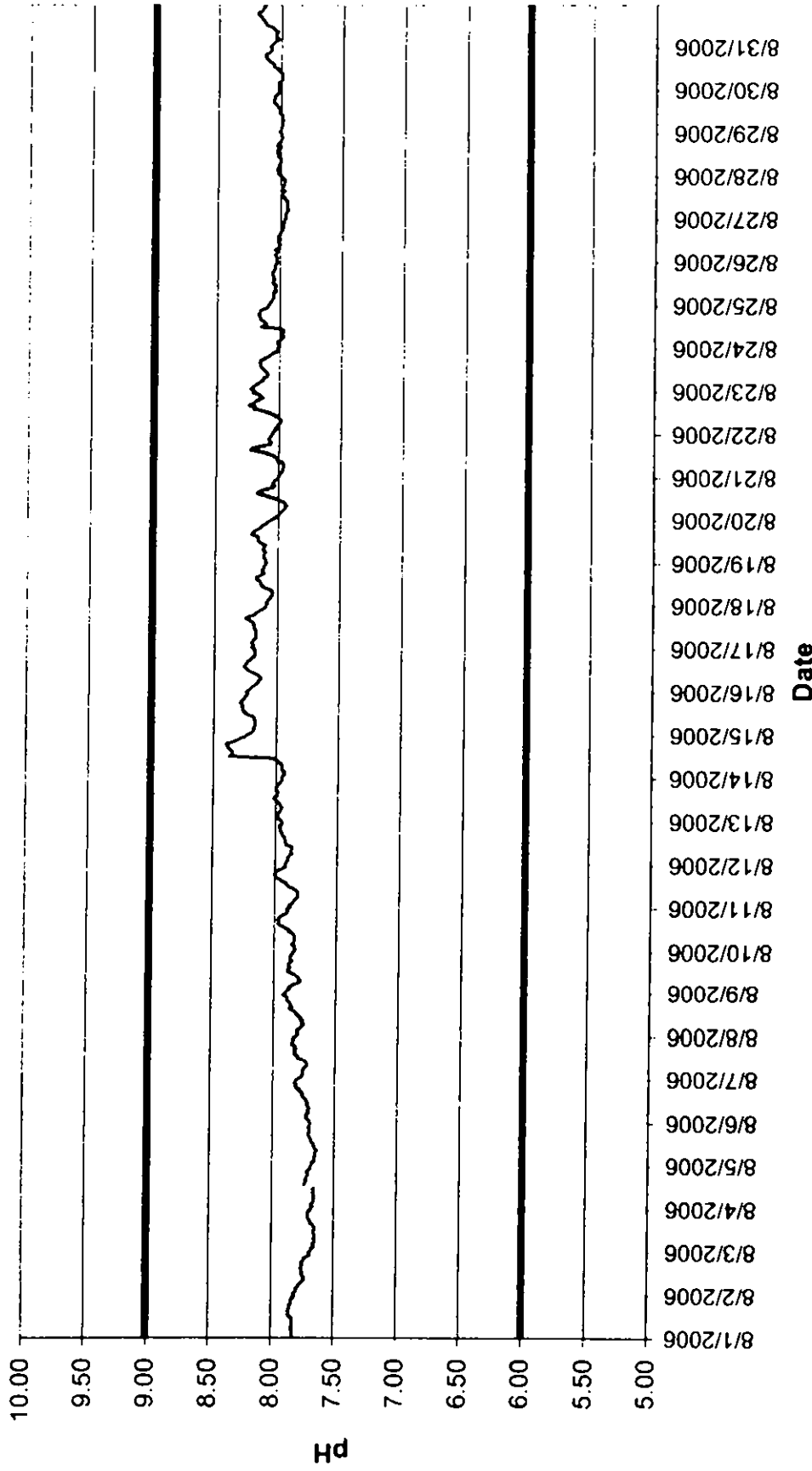


Potato Rapids Tailwater pH Summary - July 2006

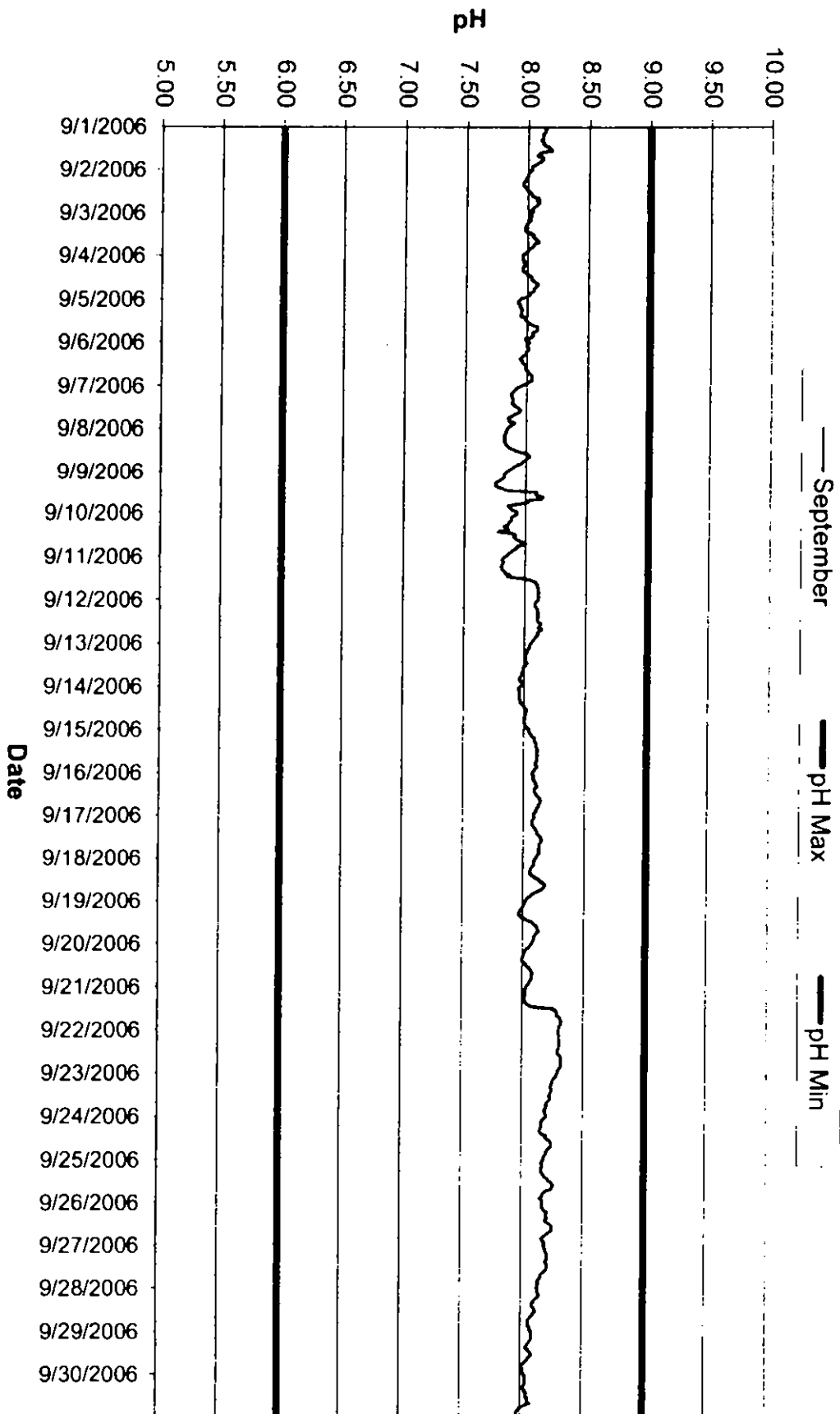


Potato Rapids Tailwater pH Summary - August 2006

— August — pH Max — pH Min



Potato Rapids Tailwater pH Summary - September 2006



Potato Rapids Tailwater pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7.75	7.80	7.78	7.82	7.80	7.76	7.73	7.81	7.21	7.35	7.47	7.43	7.45	7.53	7.97
10000		7.75	7.79	7.77	7.81	7.82	7.74	7.73	7.80	7.21	7.28	7.46	7.44	7.46	7.52	7.94
20000		7.74	7.79	7.75	7.81	7.83	7.73	7.73	7.82	7.21	7.28	7.46	7.43	7.45	7.54	7.95
30000		7.72	7.79	7.74	7.78	7.84	7.73	7.74	7.82	7.20	7.29	7.44	7.44	7.48	7.55	7.94
40000		7.71	7.76	7.73	7.76	7.84	7.72	7.76	7.81	7.18	7.30	7.44	7.44	7.48	7.55	7.94
50000		7.70	7.74	7.71	7.75	7.84	7.72	7.75	7.81	7.19	7.32	7.41	7.43	7.48	7.52	7.93
60000		7.68	7.74	7.71	7.75	7.82	7.72	7.75	7.80	7.19	7.30	7.40	7.43	7.47	7.51	7.93
70000		7.67	7.73	7.71	7.74	7.79	7.72	7.75	7.79	7.19	7.31	7.42	7.43	7.45	7.52	7.92
80000		7.67	7.73	7.72	7.74	7.82	7.72	7.75	7.81	7.21	7.31	7.44	7.42	7.46	7.53	7.97
90000		7.68	7.74	7.72	7.75	7.84	7.73	7.77	7.83	7.23	7.33	7.47	7.43	7.46	7.53	7.97
100000		7.70	7.74	7.74	7.77	7.82	7.73	7.79	7.83	7.25	7.35	7.49	7.45	7.47	7.57	8.01
110000		7.70	7.75	7.75	7.78	7.84	7.75	7.82	7.85	7.27	7.38	7.48	7.49	7.50	7.59	8.04
120000		7.72	7.75	7.77	7.79	7.83	7.76	7.84	7.85	7.30	7.42	7.48	7.50	7.54	7.57	8.07
130000		7.73	7.74	7.78	7.77	7.83	7.77	7.86	7.22	7.33	7.45	7.50	7.52	7.56	7.57	8.08
140000		7.74	7.75	7.79	7.80	7.83	7.74	7.87	7.26	7.34	7.43	7.51	7.49	7.57	7.55	8.09
150000		7.76	7.75	7.78	7.80	7.83	7.76	7.89	7.28	7.32	7.45	7.52	7.44	7.54	7.54	8.09
160000		7.74	7.75	7.78	7.78	7.81	7.76	7.90	7.29	7.36	7.44	7.51	7.44	7.57	7.51	8.10
170000		7.74	7.76	7.79	7.78	7.79	7.76	7.87	7.29	7.37	7.46	7.50	7.43	7.58	7.51	8.05
180000		7.75	7.77	7.79	7.78	7.82	7.75	7.87	7.26	7.34	7.47	7.52	7.46	7.56	7.94	7.94
190000		7.76	7.80	7.78	7.78	7.78	7.76	7.88	7.26	7.33	7.52	7.52	7.45	7.53	7.99	7.92
200000		7.77	7.80	7.80	7.77	7.80	7.75	7.87	7.24	7.33	7.51	7.50	7.46	7.51	7.99	7.89
210000		7.79	7.79	7.80	7.76	7.80	7.75	7.85	7.23	7.34	7.51	7.47	7.47	7.53	8.00	7.90
220000		7.80	7.80	7.82	7.78	7.80	7.75	7.84	7.23	7.30	7.47	7.43	7.47	7.52	7.99	7.91
230000		7.80	7.79	7.83	7.78	7.75	7.74	7.83	7.23	7.27	7.46	7.42	7.46	7.51	7.98	7.91
Daily Max		7.80	7.80	7.83	7.82	7.84	7.76	7.90	7.85	7.37	7.52	7.52	7.52	7.58	8.00	8.10
Daily Min		7.67	7.73	7.71	7.74	7.75	7.72	7.73	7.22	7.18	7.28	7.40	7.42	7.45	7.51	7.89
Average		7.73	7.76	7.76	7.78	7.81	7.74	7.81	7.55	7.27	7.39	7.47	7.45	7.51	7.65	7.98

Missing data on 6/9 due to equipment change.

License maximum pH: 9
License minimum pH: 6

Potato Rapids Tailwater pH Summary - June 2006

Time	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
HHMMSS	0	7.89	7.90	7.83	8.06	7.98	8.03	8.09	8.03	8.02	7.84	8.04	7.88	8.33
10000	7.89	7.88	7.81	8.03	7.98	8.04	8.05	8.03	8.03	8.00	7.84	8.06	7.88	8.30
20000	7.86	7.87	7.79	8.02	7.99	8.05	8.05	8.06	8.04	7.97	7.85	8.03	7.88	8.34
30000	7.86	7.86	7.76	8.01	7.99	8.04	8.06	8.06	8.04	7.97	7.87	8.00	7.88	8.38
40000	7.86	7.87	7.76	7.99	7.97	8.07	8.04	8.07	8.06	7.95	7.87	7.98	7.87	8.38
50000	7.85	7.88	7.76	7.97	7.97	8.08	8.01	8.05	8.05	7.95	7.86	7.97	7.86	8.38
60000	7.84	7.87	7.75	7.97	7.98	8.09	8.01	8.05	8.05	7.94	7.90	7.96	7.85	8.34
70000	7.83	7.89	7.74	7.98	7.98	8.08	8.01	8.07	8.05	7.93	7.89	7.95	7.84	8.30
80000	7.82	7.93	7.74	7.98	8.00	8.08	8.02	8.07	8.03	7.92	7.92	7.96	7.84	8.31
90000	7.84	7.96	7.76	7.98	8.02	8.11	8.05	8.09	8.03	7.91	7.92	7.96	7.84	8.36
100000	7.87	8.00	7.80	8.01	8.05	8.15	8.02	8.08	8.03	7.93	7.91	7.96	7.86	8.37
110000	7.95	8.00	7.83	8.04	8.05	8.20	8.03	8.10	8.03	7.94	7.94	7.99	7.87	8.36
120000	7.97	7.99	7.86	8.03	8.06	8.23	8.03	8.11	8.04	7.96	7.96	8.00	8.32	8.35
130000	7.94	8.01	8.24	7.99	8.07	8.23	8.08	8.12	8.04	7.96	8.00	8.01	8.35	8.40
140000	7.91	8.01	8.28	7.99	8.06	8.29	8.10	8.09	8.06	7.97	8.02	8.01	8.28	8.39
150000	7.89	8.02	8.28	8.01	8.04	8.32	8.10	8.06	8.08	7.95	8.02	8.01	8.29	8.31
160000	7.92	8.02	8.21	7.99	7.99	8.36	8.05	8.06	8.11	7.95	8.05	8.01	8.29	8.31
170000	7.96	7.99	8.21	7.99	7.99	8.37	8.02	8.09	8.09	7.95	8.02	8.01	8.32	8.28
180000	7.95	7.97	8.24	7.99	7.98	8.26	8.01	8.11	8.08	7.92	8.04	8.00	8.34	8.31
190000	7.94	7.93	8.23	8.01	7.99	8.24	8.03	8.10	8.08	7.91	8.06	7.99	8.32	8.31
200000	7.92	7.92	8.17	8.00	8.01	8.23	8.05	8.08	8.07	7.88	8.07	7.99	8.31	8.33
210000	7.95	7.90	8.11	8.00	8.02	8.20	8.04	8.06	8.08	7.88	8.06	7.96	8.34	8.32
220000	7.95	7.87	8.09	7.98	8.01	8.19	8.03	8.04	8.06	7.87	8.07	7.93	8.36	8.32
230000	7.93	7.84	8.07	7.99	8.01	8.14	8.02	8.03	8.04	7.85	8.05	7.89	8.36	8.35
Daily Max	7.97	8.02	8.28	8.06	8.07	8.37	8.10	8.12	8.11	8.02	8.07	8.06	8.36	8.42
Daily Min	7.82	7.84	7.74	7.97	7.97	8.03	8.01	8.03	8.03	7.85	7.84	7.89	7.84	8.28
Average	7.90	7.93	7.97	8.00	8.01	8.17	8.04	8.07	8.05	7.94	7.96	7.99	8.09	8.34

Potato Rapids Tailwater pH Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0835	833	827	820	821	824	821	777	782	779	776	780	779	788	780	771
0	835	832	826	821	822	821	820	779	780	777	774	780	781	784	780	771
10000	833	832	826	821	822	821	820	779	780	777	774	777	781	784	780	776
20000	828	834	826	819	822	821	820	779	778	776	773	777	780	783	782	773
30000	831	835	827	819	821	825	820	779	777	775	771	779	780	783	780	771
40000	834	834	826	821	817	824	823	777	776	774	769	779	779	781	776	770
50000	835	825	825	822	814	824	825	776	773	772	768	777	781	779	775	767
60000	833	823	824	821	816	820	826	776	773	771	766	775	782	780	774	767
70000	832	826	826	815	818	816	819	777	772	771	766	772	782	780	770	768
80000	834	828	828	816	819	818	820	777	774	772	767	772	782	780	770	767
90000	837	830	828	819	819	821	822	778	776	773	768	774	781	778	771	768
100000	837	831	820	824	819	822	824	780	780	775	770	775	778	780	771	767
110000	828	834	821	827	822	823	827	781	782	778	774	777	776	782	773	769
120000	833	840	830	830	826	824	776	785	792	778	777	780	779	784	777	769
130000	835	844	833	830	827	827	777	788	789	780	777	782	777	787	778	769
140000	838	842	834	832	827	826	776	787	786	781	780	785	778	790	780	768
150000	838	835	835	832	826	825	777	785	799	784	783	788	777	794	783	765
160000	839	837	828	833	829	821	779	784	797	784	787	792	776	794	784	766
170000	841	836	828	829	831	823	777	786	794	785	789	790	774	796	781	765
180000	842	836	834	828	831	825	777	784	796	786	790	788	772	797	776	766
190000	839	833	837	828	827	827	777	784	792	785	790	788	776	795	776	768
200000	832	830	832	828	824	825	778	788	792	785	790	786	775	790	779	769
210000	833	833	822	826	827	820	778	788	789	782	786	784	782	782	775	766
220000	835	837	820	825	827	819	778	786	783	778	785	783	785	780	776	767
230000	834	836	820	821	828	819	777	784	781	776	782	782	786	776	772	767
Daily Max	842	844	837	833	831	827	827	788	799	786	790	792	786	797	784	776
Daily Min	828	823	820	815	814	816	776	776	772	771	766	772	772	776	770	765
Average	835	834	827	824	823	823	800	782	784	778	778	781	779	785	777	768

License maximum pH: 9
License minimum pH: 6

Potato Rapids Tailwater pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	07:17:06	07:18:06	07:19:06	07:20:06	07:21:06	07:22:06	07:23:06	07:24:06	07:25:06	07:26:06	07:27:06	07:28:06	07:29:06	07:30:06	07:31:06
0	7.68	7.98	7.90	7.90	8.04	7.86	7.80	7.77	7.89	7.96	7.88	7.93	7.98	7.90	7.79
10000	7.67	7.93	7.92	7.86	8.00	7.83	7.80	7.76	7.89	7.91	7.87	7.93	7.95	7.87	7.79
20000	7.68	7.91	7.91	7.84	7.98	7.81	7.79	7.74	7.89	7.89	7.87	7.90	7.93	7.87	7.78
30000	7.63	7.89	7.87	7.82	7.96	7.79	7.79	7.77	7.89	7.89	7.85	7.90	7.93	7.87	7.78
40000	7.60	7.86	7.87	7.81	7.96	7.79	7.80	7.77	7.89	7.88	7.82	7.88	7.92	7.85	7.78
50000	7.57	7.84	7.83	7.80	7.92	7.77	7.79	7.80	7.90	7.88	7.81	7.87	7.91	7.84	7.76
60000	7.58	7.82	7.81	7.78	7.91	7.76	7.79	7.80	7.89	7.86	7.79	7.83	7.88	7.82	7.74
70000	7.58	7.81	7.79	7.77	7.90	7.76	7.78	7.80	7.89	7.86	7.78	7.82	7.86	7.82	7.73
80000	7.58	7.81	7.78	7.77	7.89	7.75	7.78	7.79	7.89	7.87	7.77	7.83	7.86	7.81	7.76
90000	7.56	7.82	7.78	7.76	7.88	7.77	7.80	7.79	7.90	7.89	7.77	7.84	7.86	7.82	7.75
100000	7.55	7.84	7.75	7.76	7.87	7.77	7.81	7.78	7.89	7.93	7.76	7.87	7.85	7.81	7.76
110000	7.80	7.85	7.76	7.78	7.87	7.78	7.82	7.80	7.91	7.91	7.77	7.87	7.84	7.82	7.79
120000	7.82	7.89	7.77	7.86	7.88	7.81	7.82	7.83	7.92	7.96	7.87	7.87	7.86	7.83	7.80
130000	7.85	7.91	7.75	7.95	7.90	7.82	7.83	7.85	7.91	7.97	8.05	7.88	7.87	7.83	7.80
140000	7.90	7.88	7.72	7.97	7.90	7.85	7.80	7.83	7.92	7.98	8.01	7.88	7.91	7.84	7.79
150000	7.94	7.88	7.74	8.01	7.90	7.83	7.83	7.85	7.88	8.01	7.96	7.90	7.92	7.83	7.78
160000	8.05	7.88	7.74	8.02	7.91	7.81	7.79	7.85	7.87	8.00	7.96	7.91	7.90	7.85	7.79
170000	8.00	7.88	7.76	8.05	7.90	7.79	7.79	7.91	7.83	8.05	7.93	7.90	7.91	7.83	7.79
180000	7.98	7.86	7.77	8.04	7.89	7.82	7.78	7.96	7.82	7.98	7.95	7.90	7.90	7.83	7.78
190000	7.97	7.80	7.78	8.04	7.90	7.81	7.80	7.94	7.83	7.95	7.95	7.92	7.90	7.85	7.78
200000	7.98	7.76	7.79	8.02	7.90	7.80	7.82	7.93	7.81	7.94	7.95	7.92	7.88	7.85	7.79
210000	7.98	7.80	7.86	8.05	7.89	7.77	7.81	7.90	7.80	7.93	7.94	7.95	7.90	7.82	7.79
220000	8.00	7.82	7.91	8.09	7.89	7.77	7.79	7.89	7.90	7.91	7.94	7.98	7.90	7.80	7.79
230000	8.00	7.85	7.92	8.08	7.88	7.78	7.78	7.89	8.03	7.89	7.93	7.99	7.91	7.79	7.81
Daily Max	8.05	7.98	7.92	8.09	8.04	7.86	7.83	7.96	8.03	8.05	8.05	7.99	7.98	7.90	7.81
Daily Min	7.55	7.76	7.72	7.76	7.87	7.75	7.78	7.74	7.80	7.86	7.76	7.82	7.84	7.79	7.73
Average	7.79	7.86	7.81	7.91	7.91	7.80	7.80	7.83	7.89	7.93	7.88	7.89	7.90	7.84	7.78

Missing data on 7/27 due to equipment change.

Potato Rapids pH Summary - August 2006

Time HHMMSS	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	7.82	7.82	7.68	7.68	7.70	7.79	7.81	7.90	7.84	7.87	7.91	7.95	7.95	7.95	8.23	8.24
10000	7.83	7.81	7.68	7.67	7.71	7.77	7.80	7.89	7.83	7.88	7.91	7.97	7.97	7.94	8.20	8.22
20000	7.83	7.80	7.66	7.68	7.72	7.76	7.80	7.87	7.84	7.86	7.90	7.98	7.98	7.93	8.19	8.21
30000	7.83	7.80	7.66	7.67	7.73	7.76	7.81	7.88	7.84	7.85	7.90	7.98	7.98	7.93	8.18	8.19
40000	7.83	7.79	7.67	7.66	7.73	7.76	7.78	7.85	7.86	7.84	7.89	7.98	7.98	7.94	8.18	8.17
50000	7.84	7.78	7.65	7.66	7.71	7.75	7.77	7.84	7.84	7.83	7.88	7.97	7.97	7.95	8.17	8.15
60000	7.83	7.77	7.65	7.66	7.72	7.75	7.75	7.79	7.84	7.81	7.86	7.96	7.96	7.95	8.17	8.15
70000	7.83	7.75	7.66	7.66	7.71	7.73	7.77	7.78	7.84	7.81	7.87	7.95	7.95	7.95	8.17	8.13
80000	7.83	7.74	7.65	7.66	7.71	7.73	7.76	7.80	7.84	7.81	7.87	7.95	7.95	7.96	8.17	8.13
90000	7.83	7.74	7.65	7.67	7.72	7.73	7.78	7.80	7.84	7.81	7.86	7.96	7.96	7.98	8.18	8.14
100000	7.83	7.74	7.66	7.67	7.72	7.74	7.78	7.82	7.86	7.84	7.87	7.97	7.97	8.00	8.18	8.17
110000	7.83	7.75	7.66	7.66	7.72	7.77	7.81	7.84	7.88	7.86	7.91	7.99	7.99	8.04	8.21	8.20
120000	7.85	7.75	7.65	7.74	7.73	7.80	7.81	7.87	7.88	7.89	7.91	8.00	8.00	8.37	8.25	8.23
130000	7.86	7.75	7.65	7.74	7.74	7.80	7.82	7.89	7.91	7.90	7.92	7.92	8.01	8.35	8.25	8.24
140000	7.86	7.76	7.66	7.73	7.76	7.83	7.85	7.88	7.94	7.91	7.92	7.92	7.99	8.35	8.27	8.26
150000	7.86	7.76	7.67	7.72	7.76	7.82	7.87	7.87	7.97	7.94	7.92	7.92	7.99	8.35	8.27	8.25
160000	7.85	7.75	7.69	7.73	7.70	7.83	7.85	7.88	7.96	7.96	7.94	7.94	7.99	8.37	8.27	8.24
170000	7.85	7.75	7.69	7.72	7.78	7.81	7.86	7.88	7.97	7.99	7.94	7.94	7.99	8.39	8.27	8.23
180000	7.85	7.76	7.70	7.71	7.78	7.83	7.87	7.87	7.97	8.00	7.95	7.95	8.00	8.39	8.29	8.21
190000	7.84	7.74	7.71	7.71	7.81	7.82	7.88	7.85	7.95	8.00	7.96	7.96	7.99	8.40	8.28	8.20
200000	7.84	7.74	7.71	7.72	7.81	7.85	7.89	7.87	7.99	7.99	7.96	7.96	7.99	8.36	8.26	8.18
210000	7.84	7.71	7.71	7.70	7.81	7.84	7.89	7.87	7.97	7.90	7.96	7.97	7.97	8.31	8.25	8.17
220000	7.83	7.69	7.71	7.69	7.82	7.84	7.90	7.86	7.89	7.93	7.95	7.95	7.95	8.29	8.24	8.18
230000	7.81	7.70	7.69	7.69	7.81	7.84	7.92	7.85	7.90	7.90	7.94	7.94	7.95	8.25	8.23	8.18
Daily Max	7.86	7.82	7.71	7.74	7.82	7.85	7.92	7.90	7.97	8.00	7.97	7.97	8.01	8.40	8.29	8.26
Daily Min	7.81	7.69	7.65	7.66	7.70	7.73	7.75	7.78	7.83	7.81	7.86	7.86	7.95	7.93	8.17	8.13
Average	7.84	7.76	7.67	7.69	7.75	7.79	7.83	7.85	7.89	7.89	7.91	7.91	7.98	8.15	8.22	8.19

Missing data on 8/4 due to equipment change.

License maximum pH: 9
License minimum pH: 6

Potato Rapids pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HHMMSS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	8.18	8.09	8.09	8.05	8.00	8.05	8.20	8.01	8.09	8.03	7.96	7.99	8.00	8.02	8.09
10000	8.20	8.08	8.10	8.03	8.00	8.05	8.23	8.00	8.08	8.03	7.96	8.01	8.01	8.02	8.07
20000	8.19	8.09	8.10	8.01	7.98	8.03	8.21	8.01	8.07	8.03	7.96	8.02	8.00	8.02	8.06
30000	8.20	8.07	8.11	7.99	7.97	8.03	8.19	8.02	8.06	8.03	7.95	8.02	8.00	8.02	8.05
40000	8.20	8.06	8.11	7.98	7.97	8.01	8.17	8.00	8.05	8.04	7.95	8.03	7.99	8.02	8.02
50000	8.19	8.06	8.11	7.97	7.96	8.01	8.15	7.99	8.05	8.03	7.93	8.02	7.99	8.00	8.04
60000	8.17	8.04	8.10	7.95	7.96	7.99	8.13	7.97	8.05	8.02	7.94	8.01	7.99	7.99	8.04
70000	8.17	8.04	8.11	7.94	7.96	7.98	8.13	7.97	8.05	8.04	7.94	8.01	7.98	7.99	8.04
80000	8.17	8.04	8.12	7.93	7.97	7.99	8.10	7.98	8.03	8.01	7.94	8.00	7.99	7.99	8.03
90000	8.17	8.05	8.11	7.94	8.01	8.00	8.09	7.97	8.04	8.01	7.94	8.00	7.99	7.99	8.05
100000	8.17	8.10	8.10	7.95	8.01	8.03	8.10	7.97	8.04	8.00	7.94	8.00	7.99	8.01	8.06
110000	8.18	8.12	8.13	7.99	8.03	8.06	8.11	7.99	8.03	8.01	7.96	8.02	8.01	8.02	8.09
120000	8.19	8.13	8.15	8.01	8.05	8.08	8.13	8.15	8.05	8.02	7.96	8.01	8.00	8.03	8.12
130000	8.19	8.14	8.16	8.06	8.08	8.13	8.14	8.11	8.06	8.00	7.98	8.03	8.01	8.06	8.13
140000	8.19	8.14	8.16	8.11	8.14	8.20	8.15	8.11	8.04	8.02	7.99	8.03	8.02	8.06	8.14
150000	8.20	8.17	8.16	8.17	8.23	8.19	8.15	8.13	8.05	8.01	7.98	8.02	8.03	8.07	8.15
160000	8.22	8.17	8.21	8.16	8.21	8.24	8.16	8.15	8.05	8.00	7.96	8.02	8.04	8.10	8.16
170000	8.25	8.14	8.20	8.11	8.15	8.20	8.15	8.16	8.06	8.00	7.99	8.03	8.06	8.11	8.18
180000	8.23	8.11	8.18	8.05	8.07	8.19	8.12	8.16	8.06	7.98	7.99	8.02	8.06	8.12	8.19
190000	8.19	8.11	8.16	8.03	8.06	8.17	8.10	8.17	8.05	7.98	7.97	8.01	8.05	8.13	8.19
200000	8.17	8.13	8.14	8.05	8.07	8.13	8.07	8.16	8.04	7.97	7.97	8.00	8.05	8.12	8.16
210000	8.14	8.11	8.12	8.04	8.08	8.16	8.06	8.16	8.04	7.98	7.97	7.99	8.04	8.09	8.15
220000	8.12	8.11	8.10	8.03	8.07	8.16	8.02	8.13	8.04	7.97	7.96	7.99	8.02	8.08	8.14
230000	8.10	8.10	8.08	8.01	8.06	8.21	8.02	8.10	8.03	7.97	7.98	8.00	8.02	8.08	8.13
Daily Max	8.25	8.17	8.21	8.17	8.23	8.24	8.23	8.17	8.09	8.04	7.99	8.03	8.06	8.13	8.19
Daily Min	8.10	8.04	8.08	7.93	7.96	7.98	8.02	7.97	8.03	7.97	7.93	7.99	7.98	7.99	8.02
Average	8.18	8.10	8.13	8.02	8.05	8.10	8.13	8.07	8.05	8.01	7.96	8.01	8.01	8.05	8.10

Potato Rapids Tailwater pH Summary - September 2006

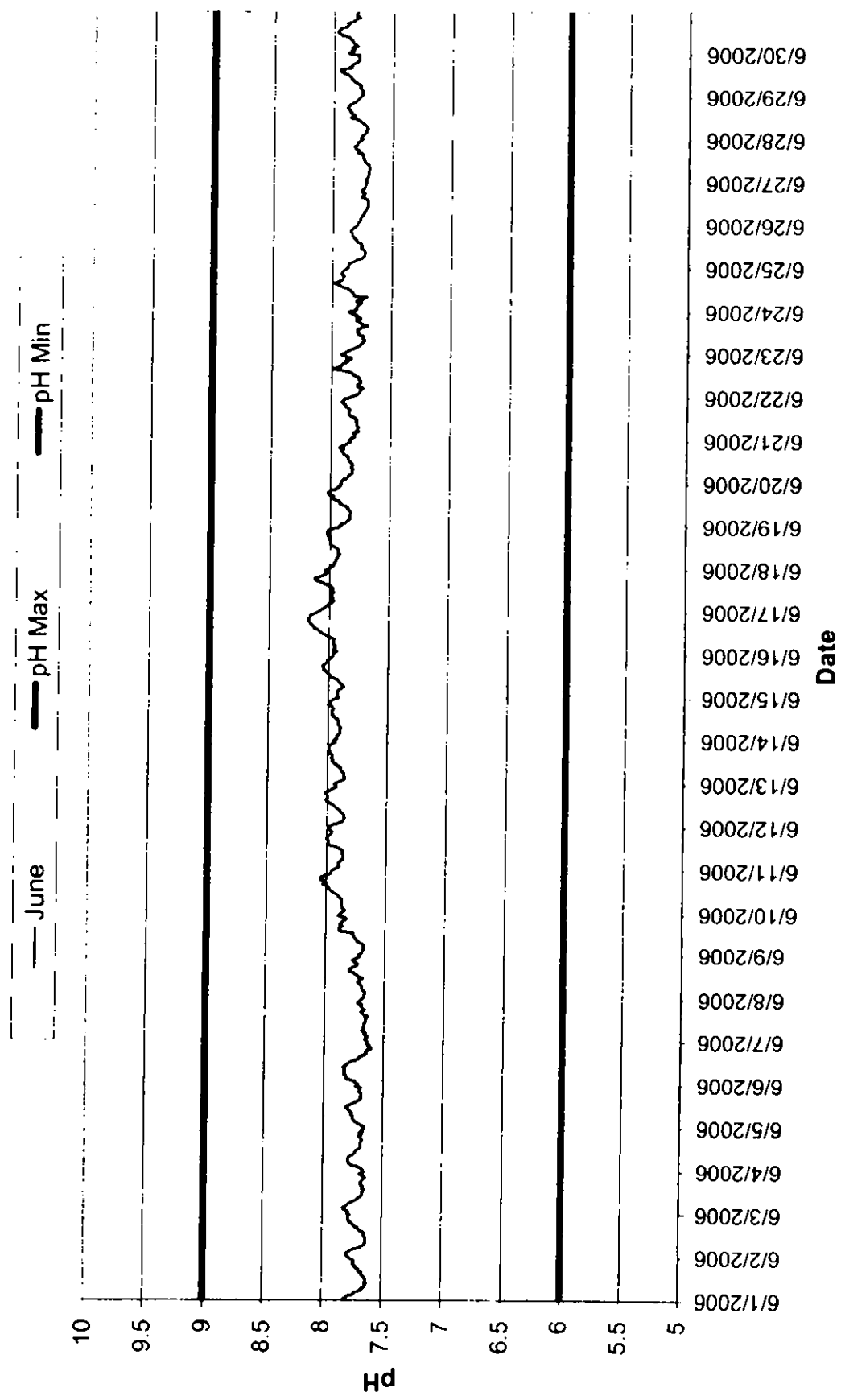
Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0	8.14	8.03	7.96	7.93	8.02	7.94	7.84	7.83	7.93	7.82	8.10	8.05	7.96	8.04	8.07
10000	8.14	8.01	8.03	7.96	7.92	8.00	7.92	7.83	7.82	7.92	7.81	8.09	8.04	7.95	8.04	8.07
20000	8.14	8.00	8.02	7.96	7.93	8.00	7.90	7.83	7.82	7.88	7.81	8.08	8.04	7.96	8.05	8.08
30000	8.12	8.00	8.02	7.97	7.94	8.01	7.89	7.82	7.82	7.88	7.82	8.08	8.03	7.96	8.06	8.07
40000	8.12	7.99	8.02	7.99	7.94	8.01	7.87	7.82	7.80	7.88	7.81	8.09	8.02	7.96	8.07	8.08
50000	8.12	7.98	8.00	7.97	7.96	7.99	7.87	7.82	7.78	7.86	7.80	8.10	8.02	7.96	8.09	8.09
60000	8.12	7.97	7.99	7.96	7.95	7.99	7.88	7.82	7.75	7.86	7.81	8.10	8.01	7.96	8.09	8.10
70000	8.10	7.96	7.98	7.96	7.95	7.97	7.88	7.82	7.75	7.82	7.81	8.11	8.00	7.96	8.09	8.10
80000	8.12	7.96	7.98	7.96	7.95	7.95	7.89	7.83	7.75	7.85	7.83	8.10	8.01	7.97	8.10	8.11
90000	8.12	7.96	7.98	7.98	7.95	7.94	7.88	7.84	7.77	7.86	7.83	8.11	8.01	7.97	8.10	8.09
100000	8.13	7.98	7.98	8.00	7.99	7.96	7.88	7.86	7.81	7.77	7.87	8.10	8.01	7.98	8.10	8.09
110000	8.16	7.99	8.02	8.03	7.98	7.96	7.90	7.89	7.84	7.89	7.85	8.10	8.02	8.00	8.11	8.09
120000	8.18	8.01	8.05	8.03	8.00	7.98	7.92	7.92	8.09	7.92	7.99	8.11	8.01	8.01	8.11	8.10
130000	8.19	8.03	8.04	8.04	8.02	7.99	7.94	7.98	8.08	7.90	8.05	8.13	7.99	8.02	8.11	8.11
140000	8.09	8.03	8.06	8.06	8.04	7.99	7.95	8.02	8.09	7.92	8.08	8.12	7.99	8.02	8.11	8.13
150000	8.10	8.05	8.07	8.08	8.08	7.99	7.94	8.03	8.14	7.95	8.09	8.11	7.99	8.01	8.11	8.13
160000	8.07	8.09	8.09	8.08	8.08	8.01	7.90	8.01	8.13	7.98	8.10	8.14	7.98	8.01	8.10	8.14
170000	8.12	8.07	8.05	8.06	8.08	8.02	7.88	7.99	8.00	8.00	8.10	8.12	7.98	8.00	8.11	8.13
180000	8.11	8.09	8.05	8.05	8.05	8.04	7.85	7.97	8.02	7.93	8.11	8.10	7.97	8.01	8.10	8.12
190000	8.11	8.08	8.03	8.05	8.04	8.04	7.85	7.96	7.94	7.93	8.11	8.11	7.96	8.00	8.09	8.12
200000	8.07	8.06	8.01	8.02	8.05	8.04	7.86	7.93	7.85	7.90	8.11	8.09	7.96	8.00	8.10	8.11
210000	8.06	8.04	8.00	8.02	8.03	8.04	7.90	7.90	7.87	7.88	8.11	8.08	7.97	8.01	8.11	8.10
220000	8.03	8.03	7.98	7.99	7.98	8.01	7.87	7.88	7.88	7.86	8.11	8.07	7.99	8.01	8.09	8.10
230000	8.03	8.04	7.96	7.95	7.99	7.98	7.85	7.85	7.92	7.85	8.11	8.06	7.98	8.03	8.08	8.08
Daily Max	8.19	8.09	8.09	8.08	8.08	8.04	7.95	8.03	8.14	8.00	8.11	8.14	8.05	8.03	8.11	8.14
Daily Min	8.03	7.96	7.96	7.95	7.92	7.94	7.85	7.82	7.75	7.77	7.80	8.06	7.96	7.95	8.04	8.07
Average	8.11	8.02	8.02	8.01	7.99	8.00	7.89	7.89	7.90	7.89	7.96	8.10	8.00	7.99	8.09	8.10

License maximum pH: 9
License minimum pH: 6

Potato Rapids Tailwater pH Summary - September 2006

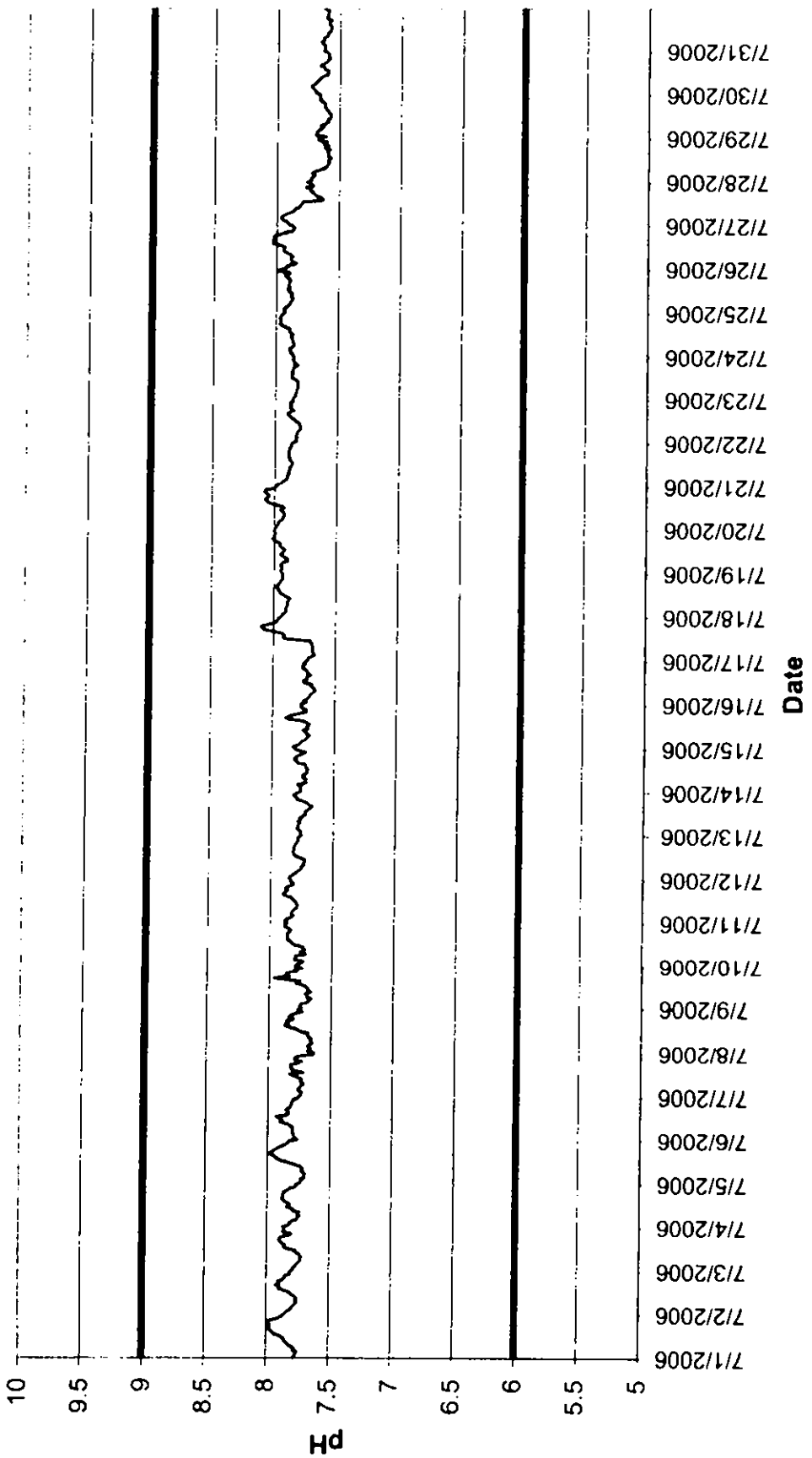
Time	09/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	09/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	0	8.08	8.10	8.02	8.07	8.03	8.29	8.20	8.18	8.17	8.18	8.13	8.09	8.03
10000	8.09	8.09	8.01	8.06	8.03	8.29	8.28	8.19	8.17	8.17	8.19	8.14	8.09	8.04
20000	8.08	8.09	8.01	8.05	8.02	8.30	8.28	8.17	8.16	8.17	8.19	8.14	8.09	8.04
30000	8.07	8.09	8.00	8.03	8.02	8.30	8.26	8.16	8.17	8.17	8.20	8.14	8.09	8.04
40000	8.07	8.08	7.99	8.02	8.02	8.30	8.25	8.16	8.17	8.18	8.20	8.15	8.09	8.04
50000	8.07	8.07	7.98	8.01	8.02	8.30	8.25	8.16	8.16	8.19	8.21	8.14	8.08	8.04
60000	8.08	8.06	7.97	8.01	8.02	8.30	8.24	8.16	8.16	8.21	8.21	8.12	8.07	8.03
70000	8.09	8.05	7.97	8.00	8.02	8.31	8.24	8.15	8.16	8.20	8.21	8.11	8.06	8.02
80000	8.10	8.06	7.99	8.00	8.02	8.30	8.23	8.15	8.17	8.20	8.21	8.10	8.05	8.03
90000	8.11	8.06	7.99	7.99	8.03	8.30	8.24	8.15	8.18	8.21	8.20	8.09	8.04	8.03
100000	8.11	8.08	8.02	8.00	8.05	8.30	8.24	8.16	8.19	8.19	8.20	8.09	8.06	8.05
110000	8.12	8.10	8.05	8.02	8.08	8.29	8.23	8.20	8.21	8.20	8.21	8.11	8.07	8.05
120000	8.14	8.13	8.08	8.03	8.24	8.29	8.23	8.19	8.22	8.22	8.21	8.11	8.08	8.04
130000	8.14	8.14	8.09	8.05	8.27	8.29	8.22	8.21	8.24	8.24	8.21	8.12	8.09	8.06
140000	8.15	8.16	8.11	8.06	8.28	8.31	8.23	8.23	8.25	8.25	8.20	8.10	8.08	8.06
150000	8.14	8.18	8.12	8.07	8.28	8.32	8.23	8.24	8.26	8.25	8.19	8.10	8.06	8.06
160000	8.13	8.17	8.12	8.08	8.28	8.32	8.21	8.24	8.25	8.25	8.17	8.08	8.06	8.08
170000	8.13	8.16	8.13	8.08	8.31	8.32	8.20	8.24	8.24	8.23	8.16	8.07	8.04	8.04
180000	8.13	8.13	8.11	8.07	8.31	8.32	8.20	8.22	8.20	8.21	8.16	8.06	8.03	8.01
190000	8.12	8.10	8.10	8.08	8.32	8.32	8.20	8.21	8.18	8.19	8.15	8.06	8.01	7.99
200000	8.13	8.08	8.09	8.07	8.32	8.32	8.19	8.20	8.17	8.17	8.14	8.06	8.01	7.98
210000	8.13	8.06	8.09	8.06	8.31	8.31	8.18	8.20	8.17	8.17	8.14	8.06	8.02	7.97
220000	8.12	8.04	8.09	8.05	8.30	8.30	8.19	8.19	8.15	8.18	8.14	8.08	8.02	7.97
230000	8.11	8.03	8.08	8.04	8.30	8.29	8.19	8.18	8.17	8.19	8.14	8.07	8.02	7.97
Daily Max	8.15	8.18	8.13	8.08	8.32	8.32	8.29	8.24	8.26	8.25	8.21	8.15	8.09	8.08
Daily Min	8.07	8.03	7.97	7.99	8.02	8.29	8.18	8.15	8.15	8.17	8.14	8.06	8.01	7.97
Average	8.11	8.10	8.05	8.04	8.16	8.30	8.23	8.19	8.19	8.20	8.18	8.10	8.06	8.03

Peshtigo Tailwater pH Summary - June 2006

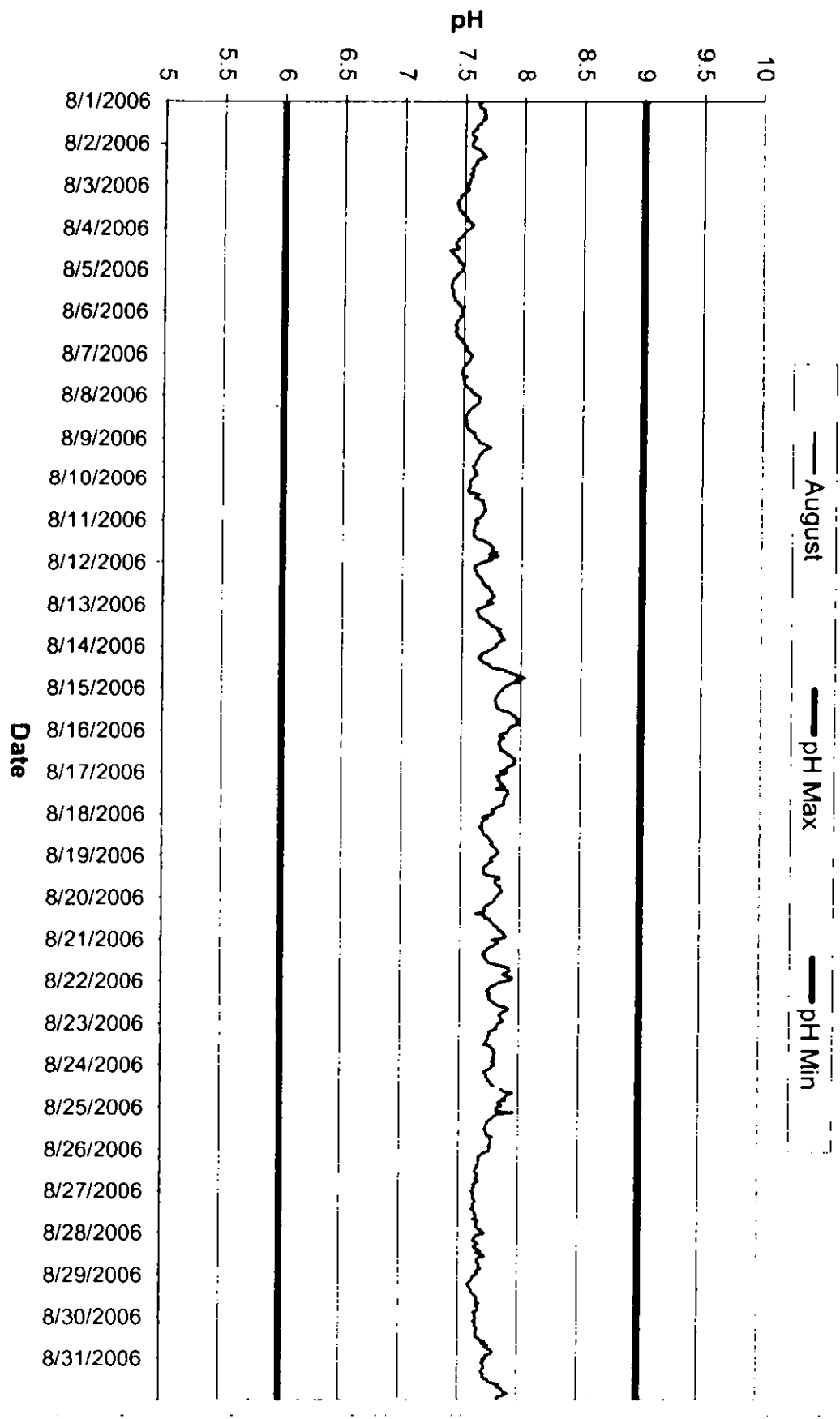


Peshtigo Tailwater pH Summary - July 2006

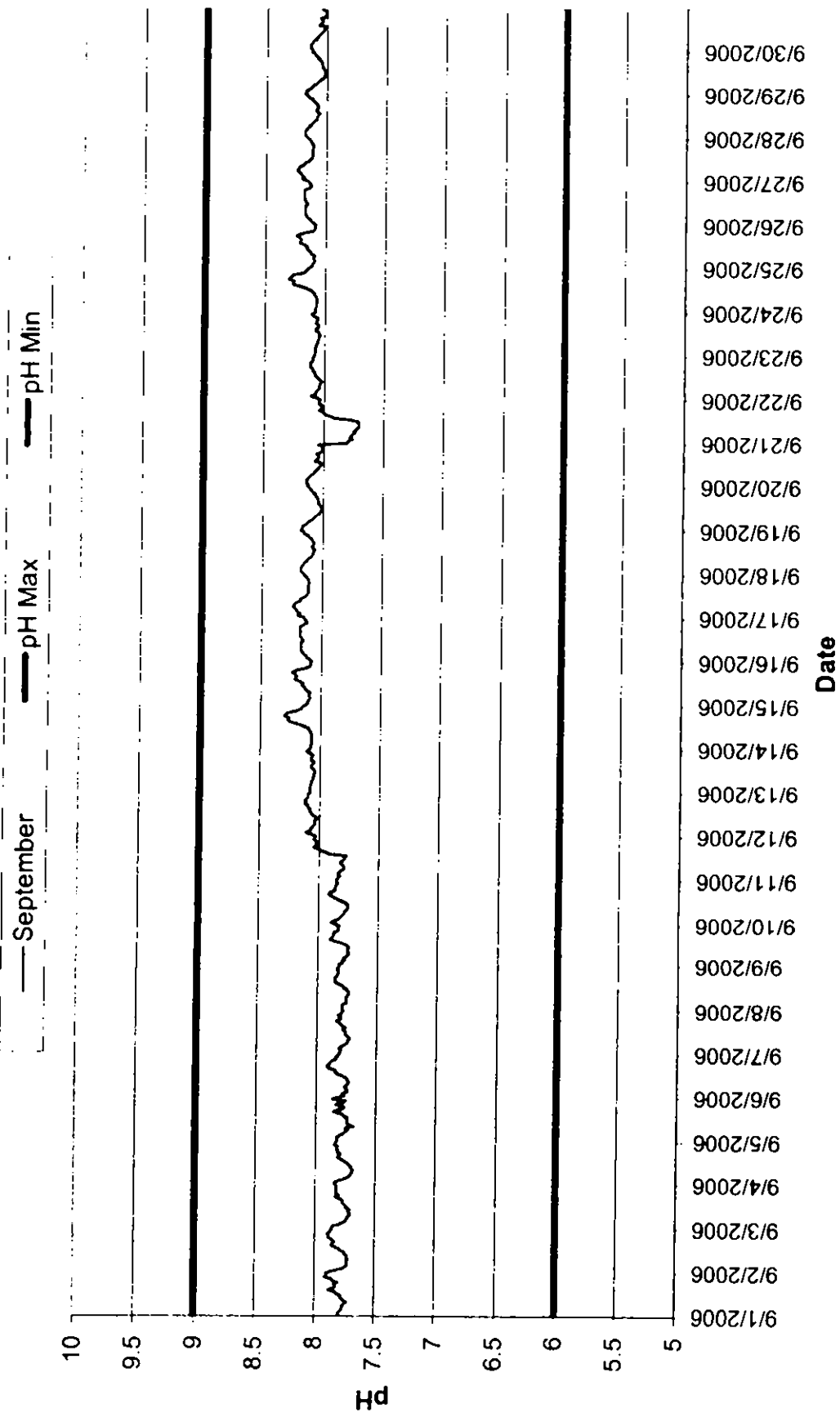
July pH Max pH Min



Peshigo Tailwater pH Summary - August 2006



Peshtigo Tailwater pH Summary - September 2006



Peshigo Tailwater pH Summary - June 2006

Time	06/01/06	06/02/06	06/03/06	06/04/06	06/05/06	06/06/06	06/07/06	06/08/06	06/09/06	06/10/06	06/11/06	06/12/06	06/13/06	06/14/06	06/15/06	06/16/06
HHMMSS	0	7.82	7.78	7.79	7.66	7.65	7.71	7.64	7.72	7.88	7.95	7.98	7.94	7.95	7.91	7.96
100000	7.80	7.80	7.78	7.78	7.67	7.68	7.73	7.66	7.69	7.86	7.91	7.95	7.89	7.92	7.92	7.96
200000	7.78	7.79	7.81	7.70	7.70	7.71	7.74	7.64	7.69	7.84	7.89	7.89	7.85	7.92	7.92	7.93
300000	7.73	7.76	7.83	7.75	7.75	7.73	7.80	7.64	7.68	7.86	7.90	7.87	7.85	7.92	7.92	7.96
400000	7.72	7.74	7.80	7.78	7.78	7.75	7.81	7.67	7.67	7.87	7.90	7.86	7.86	7.90	7.92	7.94
500000	7.67	7.68	7.78	7.78	7.75	7.75	7.81	7.65	7.68	7.87	7.88	7.85	7.86	7.90	7.90	7.94
600000	7.67	7.66	7.76	7.79	7.75	7.83	7.68	7.68	7.68	7.87	7.86	7.86	7.86	7.90	7.87	7.96
700000	7.64	7.64	7.72	7.79	7.77	7.82	7.67	7.69	7.71	7.87	7.85	7.86	7.88	7.89	7.88	7.96
800000	7.64	7.64	7.71	7.71	7.77	7.83	7.67	7.70	7.73	7.87	7.86	7.88	7.89	7.90	7.90	7.96
900000	7.62	7.63	7.68	7.74	7.78	7.82	7.67	7.72	7.74	7.89	7.87	7.89	7.89	7.91	7.91	7.95
1000000	7.64	7.64	7.67	7.73	7.79	7.84	7.66	7.71	7.75	7.90	7.87	7.91	7.92	7.91	7.92	7.99
1100000	7.63	7.64	7.67	7.72	7.78	7.81	7.65	7.68	7.76	7.92	7.87	7.93	7.93	7.91	7.95	8.02
1200000	7.64	7.65	7.66	7.69	7.79	7.79	7.65	7.72	7.77	7.95	7.89	7.94	7.96	7.92	7.99	8.05
1300000	7.65	7.64	7.65	7.68	7.76	7.76	7.65	7.73	7.77	7.97	7.93	7.97	7.95	7.97	7.99	8.07
1400000	7.67	7.67	7.67	7.68	7.73	7.71	7.63	7.76	7.88	7.98	7.99	8.00	7.97	7.96	8.01	8.09
1500000	7.66	7.69	7.66	7.68	7.70	7.70	7.67	7.80	7.88	7.98	7.99	8.01	7.96	7.96	8.03	8.12
1600000	7.69	7.73	7.68	7.68	7.68	7.68	7.68	7.79	7.89	8.03	7.98	7.99	7.96	7.97	8.04	8.13
1700000	7.69	7.73	7.68	7.67	7.69	7.64	7.69	7.77	7.86	8.00	8.00	8.00	7.98	7.96	8.04	8.15
1800000	7.72	7.74	7.67	7.70	7.68	7.65	7.66	7.73	7.88	8.02	8.00	8.00	7.98	7.95	8.05	8.16
1900000	7.72	7.76	7.66	7.70	7.68	7.63	7.68	7.72	7.87	8.05	7.98	8.02	7.99	7.97	8.03	8.17
2000000	7.74	7.78	7.64	7.67	7.70	7.60	7.69	7.75	7.86	8.04	7.96	7.98	7.99	8.00	8.01	8.17
2100000	7.73	7.78	7.68	7.69	7.70	7.63	7.68	7.77	7.83	8.01	7.95	7.95	7.98	7.98	8.01	8.16
2200000	7.73	7.78	7.69	7.66	7.68	7.62	7.72	7.74	7.83	7.96	7.97	7.82	7.96	7.98	7.98	8.16
2300000	7.77	7.77	7.65	7.67	7.73	7.64	7.71	7.71	7.90	7.96	7.99	7.93	7.93	7.96	7.97	8.12
Daily Max	7.82	7.80	7.83	7.79	7.81	7.84	7.72	7.80	7.90	8.05	8.00	8.02	7.99	8.00	8.05	8.17
Daily Min	7.62	7.63	7.64	7.66	7.65	7.60	7.63	7.66	7.67	7.84	7.86	7.85	7.85	7.89	7.87	7.93
Average	7.70	7.71	7.71	7.71	7.73	7.73	7.67	7.72	7.78	7.94	7.93	7.94	7.93	7.94	7.96	8.05

License maximum pH: 9
License minimum pH: 6

Peshigo Tawwater pH Summary - June 2006

Time HHMMSS	06/17/06	06/18/06	06/19/06	06/20/06	06/21/06	06/22/06	06/23/06	06/24/06	06/25/06	06/26/06	06/27/06	06/28/06	06/29/06	06/30/06
0	8 09	8 01	7 91	7 91	7 85	7 84	7 92	7 86	7 88	7 80	7 72	7 75	7 77	7 88
10000	8 07	8 00	7 91	7 91	7 82	7 80	7 90	7 79	7 87	7 79	7 72	7 77	7 76	7 86
20000	8 04	7 96	7 87	7 89	7 80	7 77	7 87	7 80	7 87	7 78	7 72	7 76	7 76	7 83
30000	8 02	7 97	7 85	7 86	7 80	7 76	7 84	7 79	7 86	7 77	7 71	7 74	7 76	7 85
40000	8 01	7 95	7 83	7 85	7 81	7 75	7 80	7 77	7 82	7 77	7 71	7 72	7 77	7 80
50000	8 00	7 95	7 84	7 83	7 77	7 73	7 77	7 75	7 79	7 76	7 70	7 72	7 78	7 83
60000	7 96	7 94	7 84	7 81	7 78	7 78	7 75	7 80	7 75	7 74	7 70	7 71	7 77	7 84
70000	7 98	7 93	7 83	7 82	7 77	7 78	7 74	7 75	7 73	7 74	7 70	7 72	7 79	7 85
80000	7 97	7 91	7 83	7 81	7 78	7 75	7 72	7 71	7 73	7 73	7 69	7 73	7 82	7 86
90000	7 98	7 93	7 84	7 83	7 78	7 75	7 74	7 81	7 73	7 72	7 70	7 75	7 84	7 88
100000	7 99	7 93	7 85	7 81	7 79	7 77	7 73	7 82	7 73	7 71	7 70	7 77	7 85	7 93
110000	7 96	7 93	7 86	7 82	7 78	7 77	7 76	7 83	7 75	7 70	7 72	7 80	7 86	7 96
120000	7 98	7 95	7 90	7 84	7 79	7 78	7 78	7 85	7 76	7 71	7 74	7 86	7 88	7 97
130000	7 97	7 98	7 92	7 85	7 82	7 82	7 78	7 87	7 75	7 71	7 74	7 82	7 91	7 95
140000	7 98	8 00	7 92	7 85	7 85	7 84	7 79	7 92	7 76	7 71	7 75	7 84	7 94	7 94
150000	8 01	7 99	7 96	7 86	7 85	7 91	7 75	7 94	7 80	7 73	7 75	7 86	7 95	7 89
160000	8 04	8 00	7 98	7 89	7 85	7 90	7 70	7 98	7 80	7 76	7 75	7 86	7 85	7 88
170000	8 08	8 01	7 97	7 90	7 84	7 94	7 75	7 95	7 82	7 74	7 80	7 88	7 86	7 89
180000	8 12	7 99	8 01	7 91	7 87	7 91	7 76	7 91	7 83	7 73	7 78	7 88	7 84	7 83
190000	8 12	8 02	8 02	7 89	7 88	7 91	7 80	7 91	7 84	7 76	7 81	7 87	7 81	7 83
200000	8 07	8 02	7 99	7 93	7 88	7 86	7 75	7 90	7 84	7 75	7 82	7 84	7 79	7 78
210000	8 03	8 02	7 94	7 89	7 91	7 88	7 80	7 92	7 85	7 73	7 80	7 81	7 79	7 81
220000	8 02	8 01	7 93	7 86	7 90	7 83	7 78	7 92	7 84	7 73	7 80	7 80	7 79	7 81
230000	8 04	7 94	7 91	7 83	7 89	7 87	7 84	7 91	7 82	7 72	7 78	7 78	7 78	7 80
Daily Max	8 12	8 02	8 02	7 93	7 91	7 99	7 92	7 98	7 88	7 80	7 82	7 88	7 95	7 97
Daily Min	7 96	7 91	7 83	7 81	7 77	7 73	7 70	7 71	7 73	7 70	7 69	7 71	7 76	7 78
Average	8 02	7 97	7 90	7 86	7 83	7 83	7 78	7 85	7 80	7 74	7 74	7 79	7 82	7 86

Peshigo Tailwater pH Summary - July 2006

Time	07/01/06	07/02/06	07/03/06	07/04/06	07/05/06	07/06/06	07/07/06	07/08/06	07/09/06	07/10/06	07/11/06	07/12/06	07/13/06	07/14/06	07/15/06	07/16/06
HHMMSS	0778	785	778	787	774	776	774	763	774	779	786	784	775	777	781	777
10000	777	783	779	781	773	779	774	769	775	778	788	785	776	777	783	773
20000	776	780	777	782	773	779	773	766	774	774	787	783	776	777	779	775
30000	775	780	776	780	770	779	776	767	769	773	782	781	777	776	777	772
40000	778	778	775	776	771	780	775	769	768	780	781	778	779	779	775	771
50000	777	777	773	775	770	780	774	765	766	779	783	777	778	772	773	770
60000	779	775	773	774	772	780	772	765	770	779	782	775	777	772	772	768
70000	782	776	772	775	772	780	772	767	770	771	781	775	777	772	770	766
80000	783	776	773	774	772	782	774	765	771	775	779	773	778	775	772	766
90000	785	776	774	779	774	784	773	768	766	772	778	774	776	775	773	767
100000	785	778	777	779	778	790	775	769	769	772	778	772	777	772	775	769
110000	787	780	777	784	782	788	779	768	769	774	779	773	774	772	771	768
120000	789	782	784	782	788	790	783	775	771	780	780	777	772	771	772	775
130000	793	786	786	782	792	793	777	777	774	782	782	781	773	772	770	772
140000	795	790	785	786	793	784	780	782	778	784	783	781	771	773	772	775
150000	796	789	788	787	795	783	781	787	775	786	788	782	769	773	775	773
160000	798	792	789	788	798	784	782	784	787	786	790	781	767	779	786	769
170000	797	789	790	787	796	785	782	786	796	786	788	781	770	780	789	772
180000	797	790	789	787	794	782	776	780	784	788	786	781	771	782	785	772
190000	798	786	782	787	792	781	773	784	786	784	788	780	775	781	778	773
200000	798	785	780	784	789	781	779	782	786	783	786	779	779	778	773	776
210000	792	785	787	782	787	780	779	778	777	785	781	778	779	775	773	776
220000	788	781	786	777	784	780	776	773	780	788	781	778	782	773	776	774
230000	786	781	786	777	783	776	764	777	774	788	784	778	780	779	777	775
Daily Max	798	792	790	788	798	793	783	787	796	788	790	785	782	782	789	777
Daily Min	775	775	772	774	770	776	764	763	766	771	778	772	767	771	770	766
Average	787	783	781	781	782	782	776	774	775	780	783	779	775	776	776	772

License maximum pH: 9
License minimum pH: 6

Peshigo Tailwater pH Summary - July 2006

Time	07/17/06	07/18/06	07/19/06	07/20/06	07/21/06	07/22/06	07/23/06	07/24/06	07/25/06	07/26/06	07/27/06	07/28/06	07/29/06	07/30/06	07/31/06
HHMMSS	0717	0718	0719	0720	0721	0722	0723	0724	0725	0726	0727	0728	0729	0730	0731
0	772	794	793	800	799	786	786	785	793	795	788	776	767	766	763
10000	772	793	794	799	797	783	785	787	793	791	791	772	761	769	762
20000	771	791	794	798	794	783	784	788	794	792	792	773	769	770	762
30000	767	790	793	797	792	782	784	788	792	784	795	770	768	771	762
40000	767	790	794	797	790	783	783	789	790	787	797	770	768	773	764
50000	768	790	794	795	790	782	783	787	789	788	796	772	765	772	765
60000	768	789	793	793	790	782	782	785	788	788	793	768	763	769	763
70000	768	789	789	792	789	780	781	786	787	787	789	764	765	769	763
80000	768	789	789	792	789	780	782	786	787	789	786	761	761	767	761
90000	769	788	791	792	788	780	782	787	788	791	785	760	759	765	760
100000	769	787	794	793	788	780	782	787	787	794	782	759	760	764	760
110000	771	789	794	795	787	781	784	788	788	794	781	758	758	760	758
120000	790	792	792	792	786	783	787	788	790	793	780	759	757	760	758
130000	792	794	791	793	786	785	787	788	791	796	779	757	757	759	757
140000	791	795	793	800	787	787	786	789	789	803	763	759	759	762	758
150000	793	796	795	804	788	788	787	789	790	803	764	759	759	763	759
160000	799	797	795	806	788	790	786	792	790	803	767	759	761	766	759
170000	807	798	796	807	789	788	786	795	789	802	769	760	762	763	757
180000	808	796	796	805	789	785	785	797	788	802	769	758	762	760	761
190000	810	795	801	804	789	787	782	796	790	802	771	758	762	760	761
200000	803	794	800	806	788	788	785	796	792	793	773	759	764	758	760
210000	799	793	800	808	788	787	785	797	793	787	777	763	786	759	760
220000	797	793	798	807	787	788	786	796	789	786	771	760	765	759	759
230000	796	793	800	800	787	785	785	795	799	786	773	767	766	760	762
Daily Max	810	798	801	808	799	790	787	797	799	803	797	776	769	773	765
Daily Min	767	787	789	792	786	780	781	785	787	784	763	757	757	758	757
Average	784	792	795	799	789	784	784	790	790	793	781	764	763	764	761

Peshigo Tailwater pH Summary - August 2006

Time	08/01/06	08/02/06	08/03/06	08/04/06	08/05/06	08/06/06	08/07/06	08/08/06	08/09/06	08/10/06	08/11/06	08/12/06	08/13/06	08/14/06	08/15/06	08/16/06
0	7.63	7.55	7.51	7.54	7.49	7.48	7.56	7.62	7.62	7.58	7.61	7.66	7.71	7.79	7.85	7.89
10000	7.61	7.56	7.52	7.52	7.46	7.48	7.57	7.64	7.63	7.56	7.63	7.62	7.68	7.76	7.84	7.89
20000	7.62	7.59	7.53	7.50	7.45	7.47	7.55	7.63	7.64	7.56	7.61	7.60	7.63	7.73	7.82	7.83
30000	7.62	7.62	7.52	7.49	7.43	7.47	7.55	7.63	7.68	7.56	7.60	7.60	7.62	7.70	7.81	7.82
40000	7.65	7.64	7.49	7.48	7.43	7.46	7.54	7.63	7.71	7.56	7.60	7.61	7.63	7.66	7.80	7.86
50000	7.66	7.64	7.47	7.47	7.41	7.45	7.52	7.61	7.73	7.56	7.59	7.62	7.64	7.67	7.79	7.83
60000	7.65	7.66	7.46	7.45	7.40	7.44	7.51	7.59	7.69	7.55	7.60	7.62	7.64	7.64	7.78	7.82
70000	7.67	7.67	7.46	7.45	7.40	7.43	7.50	7.57	7.66	7.54	7.59	7.63	7.65	7.65	7.78	7.82
80000	7.65	7.63	7.45	7.43	7.39	7.43	7.49	7.55	7.66	7.55	7.59	7.65	7.67	7.67	7.79	7.82
90000	7.67	7.60	7.44	7.42	7.39	7.44	7.49	7.54	7.64	7.64	7.61	7.66	7.71	7.68	7.79	7.83
100000	7.64	7.59	7.44	7.43	7.39	7.44	7.49	7.53	7.63	7.62	7.62	7.67	7.71	7.73	7.80	7.84
110000	7.63	7.60	7.45	7.45	7.40	7.43	7.48	7.52	7.63	7.60	7.66	7.67	7.74	7.73	7.80	7.83
120000	7.63	7.58	7.45	7.44	7.41	7.43	7.49	7.52	7.62	7.64	7.70	7.68	7.75	7.76	7.83	7.87
130000	7.60	7.57	7.45	7.37	7.40	7.44	7.52	7.52	7.61	7.67	7.72	7.70	7.78	7.84	7.88	7.89
140000	7.60	7.55	7.46	7.40	7.41	7.44	7.49	7.52	7.61	7.67	7.74	7.72	7.82	7.89	7.91	7.91
150000	7.59	7.57	7.47	7.41	7.41	7.46	7.50	7.51	7.60	7.68	7.76	7.73	7.80	7.91	7.93	7.93
160000	7.57	7.56	7.49	7.42	7.42	7.48	7.50	7.53	7.58	7.68	7.75	7.74	7.82	7.95	7.95	7.95
170000	7.55	7.54	7.50	7.44	7.42	7.48	7.50	7.53	7.59	7.68	7.74	7.75	7.81	7.99	7.96	7.96
180000	7.55	7.56	7.52	7.45	7.44	7.50	7.51	7.54	7.59	7.69	7.79	7.75	7.84	8.03	7.99	7.94
190000	7.57	7.55	7.51	7.45	7.45	7.51	7.53	7.55	7.61	7.67	7.72	7.77	7.84	7.95	7.96	7.95
200000	7.59	7.54	7.54	7.47	7.46	7.52	7.55	7.59	7.60	7.67	7.80	7.75	7.86	7.98	7.99	7.91
210000	7.58	7.54	7.55	7.48	7.47	7.51	7.56	7.59	7.62	7.66	7.72	7.74	7.82	7.91	7.94	7.89
220000	7.56	7.53	7.57	7.49	7.48	7.53	7.57	7.60	7.60	7.64	7.75	7.71	7.80	7.89	7.91	7.88
230000	7.56	7.53	7.56	7.48	7.48	7.54	7.59	7.60	7.59	7.61	7.69	7.76	7.78	7.86	7.90	7.83
Daily Max	7.67	7.67	7.57	7.54	7.49	7.54	7.59	7.64	7.73	7.69	7.80	7.77	7.86	8.03	7.99	7.96
Daily Min	7.55	7.53	7.44	7.37	7.39	7.43	7.48	7.51	7.58	7.54	7.59	7.60	7.62	7.64	7.78	7.82
Average	7.61	7.58	7.49	7.46	7.43	7.47	7.52	7.57	7.63	7.62	7.67	7.68	7.74	7.81	7.87	7.87

License maximum pH: 9
 License minimum pH: 6

Peshigo Tailwater pH Summary - August 2006

Time	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
HH:MM:SS	08/17/06	08/18/06	08/19/06	08/20/06	08/21/06	08/22/06	08/23/06	08/24/06	08/25/06	08/26/06	08/27/06	08/28/06	08/29/06	08/30/06	08/31/06
0	7.88	7.75	7.78	7.79	7.77	7.87	7.83	7.80	7.82	7.75	7.61	7.72	7.64	7.65	7.71
10000	7.84	7.68	7.75	7.79	7.82	7.82	7.82	7.77	7.81	7.75	7.63	7.66	7.62	7.65	7.72
20000	7.80	7.73	7.75	7.78	7.82	7.80	7.81	7.76	7.81	7.71	7.62	7.64	7.62	7.65	7.71
30000	7.82	7.70	7.77	7.75	7.79	7.76	7.81	7.73	7.96	7.69	7.62	7.64	7.61	7.65	7.71
40000	7.81	7.68	7.74	7.74	7.76	7.76	7.78	7.71	7.82	7.67	7.62	7.62	7.59	7.64	7.72
50000	7.83	7.68	7.72	7.71	7.73	7.73	7.75	7.72	7.80	7.67	7.64	7.65	7.58	7.65	7.72
60000	7.83	7.68	7.71	7.70	7.72	7.73	7.75	7.73	7.78	7.67	7.64	7.67	7.59	7.66	7.71
70000	7.85	7.66	7.69	7.71	7.71	7.75	7.75	7.73	7.76	7.67	7.62	7.63	7.60	7.66	7.70
80000	7.87	7.68	7.70	7.70	7.69	7.74	7.74	7.74	7.74	7.67	7.63	7.64	7.61	7.65	7.71
90000	7.80	7.68	7.70	7.63	7.71	7.75	7.74	7.75	7.74	7.65	7.63	7.67	7.61	7.65	7.72
100000	7.89	7.69	7.70	7.71	7.71	7.75	7.73	7.76	7.73	7.66	7.61	7.69	7.62	7.65	7.71
110000	7.90	7.69	7.73	7.71	7.72	7.76	7.72	7.77	7.73	7.64	7.63	7.65	7.64	7.65	7.72
120000	7.90	7.72	7.83	7.75	7.73	7.78	7.71	7.79	7.72	7.64	7.64	7.71	7.65	7.68	7.75
130000	7.88	7.73	7.83	7.75	7.74	7.80	7.75	7.79	7.72	7.64	7.64	7.72	7.66	7.69	7.76
140000	7.87	7.74	7.79	7.77	7.79	7.83	7.77	7.85	7.73	7.66	7.65	7.67	7.66	7.73	7.80
150000	7.87	7.75	7.79	7.78	7.85	7.88	7.78	7.88	7.73	7.66	7.65	7.66	7.65	7.70	7.85
160000	7.86	7.77	7.80	7.79	7.91	7.91	7.79	7.95	7.74	7.65	7.62	7.66	7.68	7.75	7.83
170000	7.87	7.75	7.83	7.82	7.91	7.89	7.80	7.91	7.78	7.64	7.67	7.67	7.65	7.73	7.87
180000	7.86	7.77	7.84	7.82	7.92	7.86	7.79	7.89	7.76	7.67	7.65	7.68	7.67	7.75	7.88
190000	7.83	7.79	7.84	7.84	7.89	7.84	7.79	7.87	7.77	7.65	7.65	7.67	7.67	7.78	7.89
200000	7.80	7.80	7.85	7.87	7.86	7.84	7.78	7.89	7.77	7.62	7.65	7.69	7.66	7.79	7.92
210000	7.76	7.81	7.84	7.87	7.90	7.85	7.80	7.83	7.78	7.64	7.66	7.66	7.63	7.78	7.88
220000	7.77	7.82	7.82	7.89	7.94	7.85	7.77	7.84	7.75	7.62	7.68	7.65	7.65	7.74	7.84
230000	7.78	7.80	7.81	7.85	7.93	7.87	7.79	7.86	7.76	7.62	7.71	7.67	7.64	7.74	7.83
Daily Max	7.90	7.82	7.85	7.89	7.94	7.91	7.83	7.95	7.96	7.75	7.71	7.72	7.68	7.79	7.92
Daily Min	7.76	7.66	7.69	7.63	7.69	7.73	7.71	7.71	7.72	7.62	7.61	7.62	7.58	7.63	7.70
Average	7.84	7.73	7.78	7.77	7.81	7.81	7.77	7.81	7.77	7.68	7.64	7.67	7.63	7.69	7.78

Missing data on 8/24 due to equipment change

Peshigo Tailwater pH Summary - September 2006

Time	09/01/06	09/02/06	09/03/06	09/04/06	09/05/06	09/06/06	09/07/06	09/08/06	09/09/06	09/10/06	09/11/06	09/12/06	09/13/06	09/14/06	09/15/06	09/16/06
HHMMSS	0	7.80	7.87	7.83	7.82	7.81	7.81	7.78	7.82	7.85	7.85	8.03	8.08	8.08	8.13	8.08
10000	7.80	7.80	7.80	7.84	7.82	7.76	7.80	7.79	7.79	7.89	7.84	8.06	8.08	8.08	8.11	8.10
20000	7.78	7.76	7.80	7.80	7.82	7.78	7.80	7.79	7.80	7.86	7.82	8.11	8.08	8.07	8.11	8.12
30000	7.77	7.73	7.77	7.76	7.80	7.74	7.81	7.79	7.77	7.83	7.84	8.07	8.08	8.08	8.10	8.13
40000	7.77	7.73	7.74	7.72	7.77	7.74	7.79	7.75	7.78	7.81	7.83	8.07	8.08	8.07	8.09	8.15
50000	7.76	7.73	7.73	7.71	7.75	7.75	7.76	7.76	7.75	7.80	7.81	8.06	8.07	8.07	8.10	8.16
60000	7.75	7.73	7.73	7.70	7.75	7.76	7.74	7.76	7.74	7.78	7.79	8.04	8.07	8.07	8.10	8.17
70000	7.73	7.72	7.71	7.69	7.75	7.74	7.74	7.75	7.74	7.78	7.79	8.04	8.06	8.07	8.09	8.17
80000	7.76	7.73	7.71	7.69	7.68	7.73	7.72	7.74	7.75	7.76	7.80	8.04	8.06	8.07	8.12	8.17
90000	7.77	7.73	7.72	7.70	7.73	7.73	7.74	7.74	7.75	7.75	7.82	8.03	8.05	8.08	8.13	8.17
100000	7.78	7.75	7.71	7.71	7.74	7.74	7.75	7.74	7.74	7.75	7.81	8.02	8.05	8.09	8.14	8.17
110000	7.78	7.75	7.74	7.72	7.74	7.75	7.76	7.76	7.75	7.76	7.79	8.04	8.04	8.10	8.16	8.15
120000	7.81	7.79	7.74	7.74	7.74	7.78	7.76	7.78	7.77	7.79	7.78	8.06	8.04	8.12	8.15	8.16
130000	7.83	7.80	7.76	7.76	7.74	7.82	7.78	7.79	7.81	7.82	7.77	8.07	8.05	8.16	8.17	8.17
140000	7.88	7.84	7.77	7.78	7.77	7.84	7.76	7.83	7.86	7.86	7.91	8.08	8.07	8.20	8.18	8.18
150000	7.83	7.86	7.77	7.81	7.78	7.84	7.78	7.85	7.90	7.88	7.94	8.08	8.07	8.26	8.21	8.18
160000	7.82	7.84	7.79	7.80	7.85	7.89	7.80	7.85	7.88	7.91	7.99	8.10	8.05	8.27	8.20	8.18
170000	7.83	7.84	7.83	7.79	7.82	7.91	7.81	7.85	7.87	7.91	8.00	8.10	8.05	8.26	8.22	8.18
180000	7.80	7.86	7.80	7.81	7.76	7.89	7.84	7.83	7.87	7.86	8.04	8.12	8.07	8.30	8.24	8.18
190000	7.85	7.88	7.82	7.81	7.78	7.88	7.80	7.83	7.87	7.86	8.02	8.11	8.07	8.29	8.21	8.18
200000	7.85	7.88	7.82	7.82	7.83	7.87	7.80	7.82	7.84	7.86	8.02	8.12	8.06	8.27	8.15	8.14
210000	7.91	7.89	7.82	7.81	7.77	7.83	7.82	7.83	7.83	7.85	8.02	8.10	8.06	8.20	8.10	8.12
220000	7.90	7.87	7.82	7.84	7.75	7.84	7.80	7.83	7.83	7.84	8.04	8.10	8.10	8.16	8.09	8.13
230000	7.90	7.86	7.82	7.83	7.86	7.81	7.78	7.82	7.82	7.85	8.04	8.10	8.11	8.16	8.09	8.14
Daily Max	7.91	7.89	7.86	7.84	7.86	7.91	7.84	7.85	7.90	7.91	8.04	8.12	8.11	8.30	8.24	8.18
Daily Min	7.73	7.72	7.71	7.69	7.68	7.73	7.72	7.74	7.74	7.75	7.77	8.02	8.04	8.07	8.09	8.08
Average	7.81	7.80	7.78	7.77	7.78	7.80	7.78	7.79	7.81	7.83	7.89	8.07	8.07	8.15	8.14	8.15

License maximum pH: 9
License minimum pH: 6

Peshigo Tailwater pH Summary - September 2006

Time	08/17/06	09/18/06	09/19/06	09/20/06	09/21/06	09/22/06	09/23/06	09/24/06	06/25/06	09/26/06	09/27/06	09/28/06	09/29/06	09/30/06
HHMMSS	0815	816	817	813	780	803	808	808	813	808	815	816	818	813
0	820	817	817	813	779	806	808	808	811	810	820	817	817	813
10000	818	818	817	814	776	811	808	808	811	812	818	818	817	813
20000	820	818	814	814	778	807	808	807	810	813	820	818	814	814
30000	821	817	813	813	777	807	808	807	809	815	821	817	813	813
40000	823	816	811	812	776	806	807	807	810	816	823	816	811	812
50000	824	815	808	810	774	804	807	807	810	817	824	815	808	810
60000	823	813	807	808	775	804	806	807	809	817	823	813	807	808
70000	822	812	805	807	772	804	806	807	812	817	822	812	805	807
80000	818	810	803	806	771	803	805	808	813	817	818	810	803	806
90000	818	808	802	804	771	802	805	809	814	817	818	808	802	804
100000	815	808	801	803	771	804	804	810	816	815	815	808	801	803
110000	813	807	801	802	771	807	804	812	815	816	813	807	801	802
120000	812	806	802	802	777	808	805	816	817	817	812	806	802	802
130000	811	808	803	807	791	808	807	820	822	818	811	808	803	807
140000	812	809	804	805	794	808	807	826	821	818	812	809	804	805
150000	811	807	804	804	799	810	805	827	820	818	811	807	804	804
160000	812	807	804	804	800	810	805	826	822	818	812	807	804	804
170000	811	808	805	806	804	812	807	830	824	818	811	808	805	806
180000	811	809	806	801	802	811	807	829	821	818	811	809	806	801
190000	811	811	807	801	802	812	806	827	815	814	811	811	807	801
200000	812	812	809	801	802	810	806	820	810	812	812	812	809	801
210000	813	815	810	801	804	810	810	816	809	813	813	815	810	801
220000	814	816	811	804	804	810	811	816	809	814	814	816	811	804
230000	824	818	818	814	804	812	811	830	824	818	824	818	818	814
Daily Max	811	806	801	801	771	802	804	807	809	808	811	806	801	801
Daily Min	816	812	808	806	785	807	807	815	814	815	816	812	808	806
Average														

APPENDIX D

DOCUMENTATION OF AGENCY CONSULTATION

PESHTIGO RIVER HYDROELECTRIC PROJECTS

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Friday, June 30, 2006 2:10 PM
To: 'Hasz, Justine'; 'Bob Martini'; 'Donofrio, Michael'
Cc: Puzen, Shawn C; Brandt, Edward S; Crocker, Bruce E
Subject: Dissolved oxygen deviations - Peshtigo Hydroelectric Project

Attachments: Caldron Falls Tailwater DO Summary 2006.xls; Caldron Falls Headwater DO Summary 2006.xls; Caldron Falls Bridge DO Summary 2006.xls

Good afternoon everyone,

Per the water quality monitoring plan for the Caldron Falls Hydroelectric Project, water quality monitoring is being conducted above and below the Caldron Falls Hydroelectric Facility. Deviations from State water quality standards have been observed both above and below the facility. Attached for your review are spreadsheets containing water quality monitoring data collected from June 1 through June 26, 2006.

The data from the upstream monitoring location shows several hourly values below the State water quality standard. These deviations are due to stratification of the reservoir. The data collected in the tailrace of the hydro shows periodic episodes of low dissolved oxygen. Of the data collected prior to June 20, I believe these deviations are not representative and are probably due to the monitoring equipment, given the drastic readings from seen from hour to hour.

I have also included data collected at the Parkway Boulevard Bridge, which is approximately one-half mile downstream from the Caldron Falls tailrace monitoring location. Please note that no dissolved oxygen deviations have been observed at that monitoring location.

Please review the attached information. If you have any questions, feel free to contact me.

Thanks,

Mark

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com



Caldron Falls
Tailwater DO Sum..



Caldron Falls
Headwater DO Sum..



Caldron Falls Bridge
DO Summar...

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Friday, July 07, 2006 12:06 PM
To: Hasz, Justine; Donofrio, Michael; Bob Martini
Cc: Puzen, Shawn C; Brandt, Edward S; Crocker, Bruce E
Subject: Water quality monitoring - Caldron Falls
Attachments: Caldron Tailwater 070606.xls; Caldron Falls Headwater 070606.xls

Good afternoon everyone,

Per the water quality monitoring plan for the Caldron Falls Hydroelectric Project, water quality monitoring is being conducted above and below the Caldron Falls Hydroelectric Facility. Deviations from State water quality standard of 5.0 mg/l have been observed both above and below the facility. Attached for your review are spreadsheets containing water quality monitoring data collected from June 26 through July 6, 2006.

The data from the upstream monitoring location shows several hourly values below the State water quality standard. These deviations are due to stratification of the reservoir. The data collected in the tailrace of the hydro shows periodic episodes of low dissolved oxygen. Please note that the monitoring equipment being used has an accuracy of +/- 0.2 mg/l D.O., per the manufacturer.

Please review the attached information. If you have any questions, please feel free to contact me.

Thanks,

Mark

Mark Metcalf
Environmental Consultant
920-617-6046

7/24/2006

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Monday, July 24, 2006 11:28 AM
To: 'Hasz, Justine'; 'Donofrio, Michael'; 'Bob Martini'
Cc: Puzen, Shawn C; Brandt, Edward S; Crocker, Bruce E
Subject: Water Quality monitoring - Peshtigo River Hydroelectric Projects

Attachments: Potato Rapids Tailwater 062906.xls

Good Morning,

Per the water quality monitoring plans for the Caldron Falls and Potato Rapids Hydroelectric facilities, water quality monitoring has been occurring at these facilities since June 1, 2006. I have been reviewing the data and noticed one deviation from water quality standards at the tailrace monitoring location for the Potato Rapids facility that was not previously reported. On June 28 at 20:00, a dissolved oxygen reading of 2.85 mg/l D.O. was observed. Hourly readings prior to and after the low reading were above 7.0 mg/l D.O. A summary of the dissolved oxygen data recorded during the period the low D.O. was observed is attached for your review. The facility was in normal operation at the time of the deviation and I do not believe this reading is representative of the actual conditions in the river. I apologize for the delay in getting this information to you.

Also, I have previously reported deviations observed in the Caldron Falls Tailrace to you. It was discovered last week that the location of the water quality monitor was incorrect. Per the monitoring plan, water quality monitoring is to be conducted downstream of the confluence of the powerhouse tailrace and spillway, approximately 50 yards downstream of the canoe portage put-in location below the powerhouse. While deviations have been observed below the Caldron Falls Powerhouse so far this year, they have been at a monitoring location that is not representative of the actual river conditions.

At the beginning of the season, the monitor was installed in the Caldron Falls tailrace upstream of the confluence of the spillway. Consequently, the dissolved oxygen readings have not been representative of the actual discharge from the facility since the additional aeration and mixing with the flow from the spillway has not been monitored. The water quality monitor was moved to the correct location (downstream of the canoe put-in) on July 20th.

If you have any questions, please feel free to contact me.

Thanks,

Mark

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com



Potato Rapids
Tailwater 062906...

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Friday, July 28, 2006 2:45 PM
To: Hasz, Justine; Martini, Bob; Donofrio, Michael
Cc: Puzen, Shawn C; Brandt, Edward S; Crocker, Bruce E
Subject: Water Quality monitoring - Peshtigo Hydroelectric projects
Attachments: Caldron Falls Tailrace 072406.xls; High Falls Bridge 072406.xls

Good afternoon,

Deviations from State water quality standards was observed at water quality monitoring locations below the Caldron Falls and High Falls Hydroelectric facilities between July 14 and July 24. On July 14 @ 19:00, one hourly reading of 4.97 mg/l D.O. was recorded at the High Falls tailrace monitoring location, which is below the 5.0 mg/l water quality standard. Please note that the monitoring equipment has an accuracy of +/- 0.2 mg/l D.o., per the manufacturer.

Several hourly readings were observed below the 5.0 mg/l water quality standard at the Caldron Falls tailrace monitoring location. As previously reported to you on July 24, the water quality monitor below the Caldron Falls powerhouse was located in the wrong location. The monitor was moved to the correct location on July 20th. All of the water quality deviations observed occurred prior to the 20th when the monitor was moved to the correct location.

Bob: In response to your previous e-mail, WPSC had several discussions with Tom Meronek in 1999/2000 regarding monitoring directly in the tailrace of Caldron Falls. It was decided in 2000/2001 to monitor downstream of the canoe put-in area as the water downstream of the confluence of the spillway and powerhouse would have adequate time to mix. It was our error that the monitor was installed in the wrong location at the beginning of the year, however, we corrected it as soon as we became aware of the situation. I apologize for the error.

The water quality monitoring data is attached for your review. If you have any questions regarding the monitoring data, please feel free to contact me.

Thanks, and have a nice weekend.

Mark

Mark Metcalf
Environmental Consultant
920-617-6046

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Thursday, August 10, 2006 3:30 PM
To: Hasz, Justine; Donofrio, Michael; Martini, Bob
Cc: Puzen, Shawn C; Brandt, Edward S; Crocker, Bruce E
Subject: Water quality monitoring data - Peshtigo Hydro
Attachments: Peshtigo Tail 080406.xls

Good afternoon everyone,

Deviations from State water quality standards have been observed at the water quality monitoring location below the Peshtigo hydroelectric facility. On August 3rd from 03:00 through 14:00, dissolved oxygen readings were observed below the water quality standard of 5.0 mg/l. The lowest observed reading was 4.56 mg/l. At this time, I am not able to retrieve operational data, but I am not aware of any operational issues during the period in question. The data is attached for your review.

If you have any questions regarding the monitoring data, please feel free to contact me.

Thanks,

Mark

Mark Metcalf
Environmental Consultant
920-433-1833

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Tuesday, October 31, 2006 4:20 PM
To: 'Hasz, Justine'; 'Donofrio, Michael'; 'Martini, Bob'
Cc: Puzen, Shawn C; Crocker, Bruce E; Brandt, Edward S
Subject: Peshtigo River Hydroelectric Projects - Water quality monitoring report

Attachments: Peshtigo WQM report 2006.mwm.doc; Sandstone DO Summary 2006.xls; Potato Rapids Tailwater DO Summary 2006.xls; Potato Rapids Headwater DO Summary 2006.xls; Peshtigo Tailwater DO Summary 2006.xls; Johnson Operation info 2006.xls; Johnson Falls Tailwater DO Summary 2006.xls; High Falls Bridge DO Summary 2006.xls; Caldron Falls Tailwater DO Summary 2006.xls; Caldron Falls Headwater DO Summary 2006.xls; Caldron Falls Bridge DO Summary 2006.xls

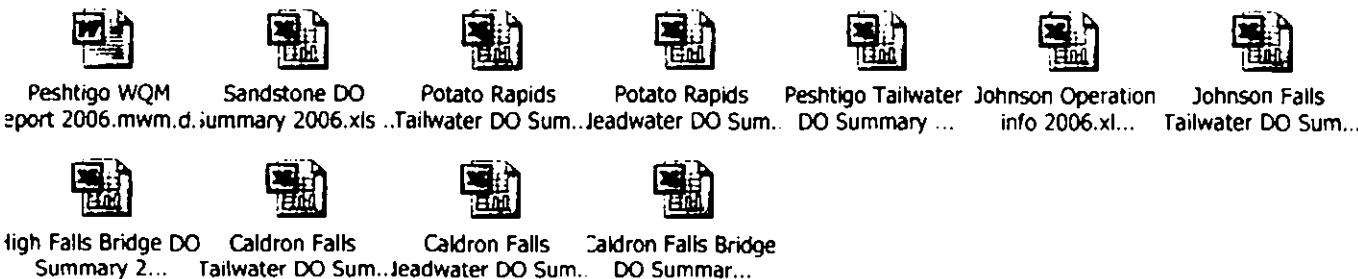
Good afternoon Justine, Mike, and Bob,

Wisconsin Public Service Corporation (WPSC) is pleased to submit water quality monitoring data for the 6 hydroelectric projects located on the Peshtigo River for your review and comment. Due to the amount of data collected for these projects, I will send you three e-mails with the monitoring data. Attached to this e-mail is a cover letter, dissolved oxygen monitoring data, and operational data for the Johnson Falls hydroelectric facility. I will follow this message up with individual e-mails containing temperature and pH monitoring data for all of the projects. Please review the attached data. If you have any questions, feel free to contact me.

Thanks you for your time and consideration,

Mark

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com












Metcalf, Mark W

From: Metcalf, Mark W
Sent: Tuesday, October 31, 2006 4:22 PM
To: 'Hasz, Justine'; 'Donofrio, Michael'; 'Martini, Bob'
Cc: Puzen, Shawn C; Crocker, Bruce E; Brandt, Edward S
Subject: Peshtigo Hydroelectric Projects - Temperature monitoring data

Attachments: Caldron Falls Bridge Temp Summary 2006.xls; Caldron Falls Headwater Temp Summary 2006.xls; Caldron Falls Tailwater Temp Summary 2006.xls; High Falls Bridge Temp Summary 2006.xls; Johnson Falls Tailwater Temp Summary 2006.xls; Peshtigo Tailwater Temp Summary 2006.xls; Potato Rapids Headwater Temp Summary 2006.xls; Potato Rapids Tailwater Temp Summary 2006.xls; Sandstone Temp Summary 2006.xls

Please find temperature monitoring data for the six Peshtigo River Hydroelectric facilities attached.

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com

- 
 Caldron Falls Bridge
 Temp Summ...
- 
 Caldron Falls
 headwater Temp S..
- 
 Caldron Falls
 Tailwater Temp S...
- 
 High Falls Bridge
 Temp Summary...
- 
 Johnson Falls
 Tailwater Temp S...
- 
 Peshtigo Tailwater
 Temp Summar...
- 
 Potato Rapids
 headwater Temp S..
- 
 Potato Rapids
 Tailwater Temp S...
- 
 Sandstone Temp
 Summary 2006.xl...










Metcalf, Mark W

From: Metcalf, Mark W
Sent: Tuesday, October 31, 2006 4:28 PM
To: 'Hasz, Justine'; 'Donofrio, Michael'; 'Martini, Bob'
Cc: Puzen, Shawn C; Crocker, Bruce E; Brandt, Edward S
Subject: Peshtigo Hydroelectric Projects - pH data

Attachments: Sandstone pH Summary 2006.xls; Potato Rapids Tailwater pH Summary 2006.xls; Potato Rapids Headwater pH Summary 2006.xls; Peshtigo Tailwater pH Summary 2006.xls; Johnson Falls Tailwater Temp Summary 2006.xls; High Falls Bridge pH Summary 2006.xls; Caldron Falls Tailwater pH Summary 2006.xls; Caldron Falls Headwater pH Summary 2006.xls; Caldron Falls Bridge pH Summary 2006.xls

Please find the pH monitoring data attached for the six Hydroelectric projects on the Peshtigo River.

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com

- 
 Sandstone pH Summary 2006.xls
 - 
 Potato Rapids Tailwater pH Summary 2006.xls
 - 
 Potato Rapids Headwater pH Summary 2006.xls
 - 
 Peshtigo Tailwater pH Summary 2006.xls
 - 
 Johnson Falls Tailwater Temp Summary 2006.xls
 - 
 High Falls Bridge pH Summary 2006.xls
 - 
 Caldron Falls Tailwater pH Summary 2006.xls
-
- 
 Caldron Falls Headwater pH Summary 2006.xls
 - 
 Caldron Falls Bridge pH Summary 2006.xls

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Wednesday, November 01, 2006 7:19 AM
To: 'Hasz, Justine'; 'Donofrio, Michael'; 'Martini, Bob'
Cc: Puzen, Shawn C; Crocker, Bruce E; Brandt, Edward S
Subject: Johnson Falls pH data

Attachments: Johnson Falls Tailwater pH Summary 2006.xls

Justine, Mike, and Bob,

In the e-mail sent to you yesterday, I inadvertently sent the Johnson Falls Hydro temperature data file to you with the pH data. Please find the pH data for Johnson Falls attached. If you have any questions, feel free to contact me.

Thanks,

Mark

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com



Johnson Falls
Tailwater pH Sum...



Wisconsin Public Service Corporation
A subsidiary of WFO Resources Corporation
200 North Adams Street
P.O. Box 19002
Green Bay, WI 54307-9002

October 31, 2006

To: Mr. Bob Martini, Wisconsin Department of Natural Resources
Mr. Mike Donofrio, Wisconsin Department of Natural Resources
Ms. Justine Hasz, Wisconsin Department of Natural Resources

Re: 2006 Water Quality Monitoring Results for the Caldron Falls (FERC No. 2525), High Falls (FERC No. 2595), Johnson Falls (FERC No. 2522), Sandstone Rapids (FERC No. 2546), Potato Rapids (FERC No. 2560), and Peshtigo (FERC No. 2581) Hydroelectric Projects

As per the Water Quality Monitoring Plans for the respective Hydroelectric Projects, Wisconsin Public Service Corporation (WPS) is pleased to submit water quality-monitoring data from the 2006 monitoring year for your review and comment.

Per the water quality-monitoring plans for the Hydroelectric Projects on the Peshtigo River, dissolved oxygen (D.O.), temperature, and pH were monitored at nine locations. The monitoring locations are as follows:

- Upstream of the Caldron Falls Hydroelectric facility in Caldron Falls Reservoir. Monitoring at this location is to provide background information on the water being released through the powerhouse.
- In the tailrace of Caldron Falls Powerhouse, downstream of the confluence of the powerhouse tailrace and dam spillway.
- At the Parkway Blvd. Bridge downstream of Caldron Falls Dam. This monitoring point serves as an upstream monitoring location for High Falls Reservoir.
- In the tailrace of the High Falls Hydroelectric facility, at the Boat Landing No. 3 bridge over the Peshtigo River.
- In the tailrace of Johnson Falls Hydroelectric facility.
- In the tailrace of the Sandstone Rapids Hydroelectric facility.
- Upstream of the Potato Rapids Hydroelectric Facility. Monitoring at this location is to provide background information on the water being released through the powerhouse.
- In the tailrace of the Potato Rapids Hydroelectric facility.
- In the tailrace of the Peshtigo Hydroelectric facility.

Peshtigo Hydroelectric Projects
Water Quality Monitoring Report
Page 2 of 3

Water quality monitoring was conducted using Hydrolab Datasonde^{*} monitoring equipment. Per the manufacturer, the monitoring equipment has a D.O. accuracy of +/- 0.2 mg/l. All monitoring data collected was adjusted for a loss of calibration if a post calibration of the equipment showed calibration drift of 0.2 mg/l or greater. Deviations from the State D.O. water quality standards were observed at the Caldron Falls Hydro tailrace, High Falls Hydro tailrace, Potato Rapids Hydro tailrace, Peshtigo Hydro tailrace, and the Johnson Falls Hydro Tailrace. The water quality standard is 5.0 mg/l D.O. at all facilities except Johnson Falls, where the water quality standard is 6.0 mg/l. D.O. deviations observed in the Caldron Falls tailrace occurred between June 1 and July 20, 2006. As previously reported to you, the water quality monitor was inadvertently placed directly in the tailrace at the beginning of the monitoring year instead of downstream of the confluence of the tailrace and spillway. Upon moving the monitor to the correct location, no deviations from the water quality standards were observed.

Three hourly D.O. readings below 5.0 mg/l were recorded in the High Falls Hydro tailrace. The lowest reading was 4.95 mg/l dissolved oxygen. Per the operation plan for the facility, water was being spilled via the tainer gates when low D.O. water was observed. One hourly reading below the water quality standard for D.O. was recorded at the Potato Rapids tailrace monitoring location. This reading appears to be an anomaly as the readings before and after are above 7.0 mg/l. Twelve hourly readings were recorded below the water quality standard at the Peshtigo Hydro monitoring location on August 3, 2006. The cause of the low D.O. readings is unknown as there were no operational changes during the time period when the deviations occurred.

Hourly readings below the water quality standard of 6.0 mg/l D.O. were observed at the Johnson Falls tailrace monitoring location in June, July, and August. All of the D.O. deviations were above 5.0 mg/l. I recently discovered these deviations when reviewing the water quality monitoring data. These deviations should have been reported to you earlier and I sincerely apologize for the oversight. WPSC believes the low dissolved oxygen readings are not representative of the actual facility discharge since the monitoring location is immediately in the discharge of the powerhouse. The Johnson Falls tailrace monitor was located approximately 20 to 30 feet downstream of the powerhouse on the North side of the river. This monitoring location is directly in the discharge of Unit 2. When only Unit 1 is on line, stagnant water is present around the monitoring location. There were 219 hourly readings between 5.0 and 6.0 mg/l D.O. Operational data shows that of the 219 hourly readings, only 39 (18%) occurred when Unit 2 was on line. Of the 39 readings, only 10 were less than 5.8 mg/l (please recall that the accuracy of the monitoring equipment is +/- 0.2 mg/l D.O.). All dissolved oxygen monitoring data, and operational data for Johnson Falls Hydro, are attached for your review.

Peshtigo Hydroelectric Projects
Water Quality Monitoring Report
Page 3 of 3

There are no deviations from the State temperature or pH standards to report. Some high pH values were observed at the High Falls Tailrace monitoring location; however, these readings are most likely due to equipment errors and are not representative of the actual river flow. A review of the monitoring data shows a sharp increase in pH when the values are near or over the pH standard of 9.0 standard units (s.u.). The sharp increases observed are indicative of an equipment malfunction. All temperature and pH monitoring data is attached for your review.

Please review the enclosed data and make any comments you may have as soon as possible, but within 30 days of this letter. Should you have any questions or concerns, please do not hesitate to call me at (920) 433-1833. Thank you for your time and consideration.

Sincerely,



Mark W. Metcalf
Environmental Consultant
Telephone: (920) 433-1833

Attach.

cc: Mr. Shawn Puzen, WPSC
Mr. Bruce Crocker, WPSC
Mr. Ed Brandt, WPSC

Response to Comments from the Wisconsin Department of Natural Resources

The Wisconsin Department of Natural Resources did not respond with comments.

Metcalf, Mark W

From: Metcalf, Mark W
Sent: Monday, November 06, 2006 1:27 PM
To: 'Clemency, Louise'
Cc: Puzen, Shawn C
Subject: FW: Peshtigo River Hydroelectric Projects - Water quality monitoring report

Attachments: Peshtigo WQM report FWS 2006.mwm.doc; Sandstone DO Summary 2006.xls; Potato Rapids Tailwater DO Summary 2006.xls; Potato Rapids Headwater DO Summary 2006.xls; Peshtigo Tailwater DO Summary 2006.xls; Johnson Operation info 2006.xls; Johnson Falls Tailwater DO Summary 2006.xls; High Falls Bridge DO Summary 2006.xls; Caldron Falls Tailwater DO Summary 2006.xls; Caldron Falls Headwater DO Summary 2006.xls; Caldron Falls Bridge DO Summary 2006.xls

Dear Ms. Clemency,

Wisconsin Public Service Corporation (WPSC) is pleased to submit water quality monitoring data for the 6 hydroelectric projects located on the Peshtigo River for your review and comment. Due to the amount of data collected for these projects, I will send you three e-mails with the monitoring data. Attached to this e-mail is a cover letter, dissolved oxygen monitoring data, and operational data for the Johnson Falls hydroelectric facility. I will follow this message up with individual e-mails containing temperature and pH monitoring data for all of the projects. Please review the attached data. If you have any questions, feel free to contact me.

Thanks you for your time and consideration.

Mark

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com



Peshtigo WQM report FWS 2006.m... Sandstone DO Summary 2006.xls... Potato Rapids Tailwater DO Sum... Potato Rapids Headwater DO Sum... Peshtigo Tailwater DO Summary ... Johnson Operation info 2006.xl... Johnson Falls Tailwater DO Sum...



High Falls Bridge DO Summary 2... Caldron Falls Tailwater DO Sum... Caldron Falls Headwater DO Sum... Caldron Falls Bridge DO Summar...

Metcalf, Mark W

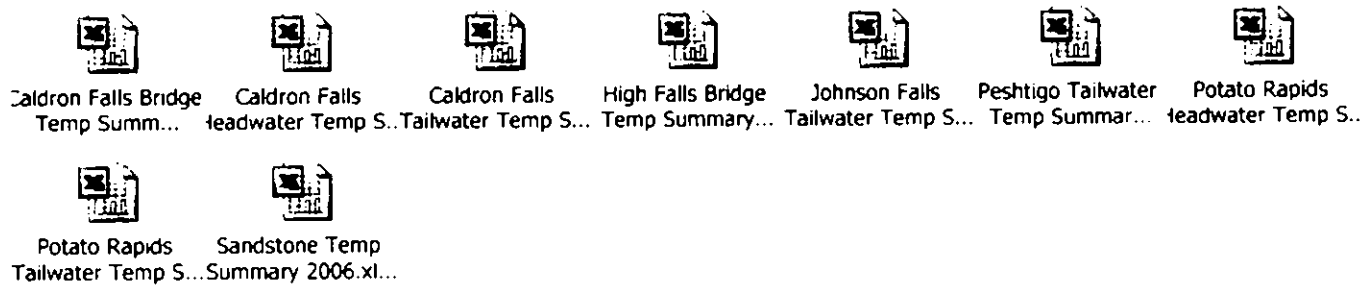
From: Metcalf, Mark W
Sent: Monday, November 06, 2006 1:29 PM
To: 'Clemency, Louise'
Cc: Puzen, Shawn C
Subject: FW: Peshtigo Hydroelectric Projects - Temperature monitoring data

Attachments: Caldron Falls Bridge Temp Summary 2006.xls; Caldron Falls Headwater Temp Summary 2006.xls; Caldron Falls Tailwater Temp Summary 2006.xls; High Falls Bridge Temp Summary 2006.xls; Johnson Falls Tailwater Temp Summary 2006.xls; Peshtigo Tailwater Temp Summary 2006.xls; Potato Rapids Headwater Temp Summary 2006.xls; Potato Rapids Tailwater Temp Summary 2006.xls; Sandstone Temp Summary 2006.xls

Dear Ms. Clemency,

Please find temperature monitoring data for the six Peshtigo River Hydroelectric facilities attached.

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com



Metcalf, Mark W










From: Metcalf, Mark W
Sent: Monday, November 06, 2006 1:30 PM
To: 'Clemency, Louise'
Cc: Puzen, Shawn C
Subject: Peshtigo Hydroelectric Projects - pH data

Attachments: Sandstone pH Summary 2006.xls; Potato Rapids Tailwater pH Summary 2006.xls; Potato Rapids Headwater pH Summary 2006.xls; Peshtigo Tailwater pH Summary 2006.xls; Johnson Falls Tailwater pH Summary 2006.xls; High Falls Bridge pH Summary 2006.xls; Caldron Falls Tailwater pH Summary 2006.xls; Caldron Falls Headwater pH Summary 2006.xls; Caldron Falls Bridge pH Summary 2006.xls

Dear Ms. Clemency,

Please find the pH monitoring data attached for the six Hydroelectric projects on the Peshtigo River.

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com

- 
Sandstone pH
summary 2006.xls
 - 
Potato Rapids
Tailwater pH Sum...
 - 
Potato Rapids
Headwater pH Sum..
 - 
Peshtigo Tailwater
pH Summary ...
 - 
Johnson Falls
Tailwater pH Sum...
 - 
High Falls Bridge pH
Summary 2...
 - 
Caldron Falls
Tailwater pH Sum...
-
- 
Caldron Falls
Headwater pH Sum..
 - 
Caldron Falls Bridge
pH Summar...

Metcalfe, Mark W

From: Metcalfe, Mark W
Sent: Monday, November 06, 2006 2:06 PM
To: 'Louise_Clemency@fws.gov'
Subject: RE: FW: Peshtigo River Hydroelectric Projects - Water quality monitoring report

Hi Louise,

Yes, the information was sent to them separately. On the bottom of the cover letter you will see this information was sent to Mr. Bob Martini, Mr. Mike Donofrio, and Ms. Justine Hasz of WDNR. Please let me know if you have any questions about the monitoring data.

Thanks,

Mark

-----Original Message-----

From: Louise_Clemency@fws.gov [mailto:Louise_Clemency@fws.gov]
Sent: Monday, November 06, 2006 1:59 PM
To: Metcalfe, Mark W
Subject: Re: FW: Peshtigo River Hydroelectric Projects - Water quality monitoring report

Mr. Metcalfe,
Thank you for the submitted information.

Usually I see that the WDNR is also copied on this kind of submittal; did you send the information to WDNR separately?

Louise Clemency
Field Supervisor
U.S. Fish and Wildlife Service
Green Bay Ecological Services Office
2661 Scott Tower Drive
New Franken, Wisconsin 54229-9565
920-866-1725
920-866-1710 Fax

"Metcalfe, Mark W"
<MWMetcalfe@wpsr.com>
om>

11/06/2006 01:27
PM

To
"Clemency, Louise "
<Louise_Clemency@fws.gov>
cc
"Puzen, Shawn C" <SCPuzen@wpsr.com>
Subject
FW: Peshtigo River Hydroelectric
Projects - Water quality monitoring
report

Dear Ms. Clemency,

Wisconsin Public Service Corporation (WPSC) is pleased to submit water quality monitoring data for the 6 hydroelectric projects located on the Peshtigo River for your review and comment. Due to the amount of data collected for these projects, I will send you three e-mails with the monitoring data. Attached to this e-mail is a cover letter, dissolved oxygen monitoring data, and operational data for the Johnson Falls hydroelectric facility. I will follow this message up with individual e-mails containing temperature and pH monitoring data for all of the projects. Please review the attached data. If you have any questions, feel free to contact me.

Thanks you for your time and consideration.

Mark

Mark Metcalf
Wisconsin Public Service Corp.
(920) 433-1833
mwmetcalf@wpsr.com

<<Peshtigo WQM report FWS 2006.mwm.doc>> <<Sandstone DO Summary 2006.xls>> <<Potato Rapids Tailwater DO Summary 2006.xls>> <<Potato Rapids Headwater DO Summary 2006.xls>> <<Peshtigo Tailwater DO Summary 2006.xls>> <<Johnson Operation info 2006.xls>> <<Johnson Falls Tailwater DO Summary 2006.xls>> <<High Falls Bridge DO Summary 2006.xls>> <<Caldron Falls Tailwater DO Summary 2006.xls>> <<Caldron Falls Headwater DO Summary 2006.xls>> <<Caldron Falls Bridge DO Summary 2006.xls>> [attachment "Peshtigo WQM report FWS 2006.mwm.doc" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Sandstone DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Potato Rapids Tailwater DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Potato Rapids Headwater DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Peshtigo Tailwater DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Johnson Operation info 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Johnson Falls Tailwater DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "High Falls Bridge DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Caldron Falls Tailwater DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Caldron Falls Headwater DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI] [attachment "Caldron Falls Bridge DO Summary 2006.xls" deleted by Louise Clemency/R3/FWS/DOI]



Wisconsin Public Service Corporation
a subsidiary of WPS Resources Corporation
700 North Adams Street
P.O. Box 19002
Green Bay, WI 54301-9002

October 31, 2006

To: Ms. Louise Clemency, U.S. Fish and Wildlife Service

Re: 2006 Water Quality Monitoring Results for the Caldron Falls (FERC No. 2525), High Falls (FERC No. 2595), Johnson Falls (FERC No. 2522), Sandstone Rapids (FERC No. 2546), Potato Rapids (FERC No. 2560), and Peshtigo (FERC No. 2581) Hydroelectric Projects

As per the Water Quality Monitoring Plans for the respective Hydroelectric Projects, Wisconsin Public Service Corporation (WPSC) is pleased to submit water quality-monitoring data from the 2006 monitoring year for your review and comment.

Per the water quality-monitoring plans for the Hydroelectric Projects on the Peshtigo River, dissolved oxygen (D.O.), temperature, and pH were monitored at nine locations. The monitoring locations are as follows:

- Upstream of the Caldron Falls Hydroelectric facility in Caldron Falls Reservoir. Monitoring at this location is to provide background information on the water being released through the powerhouse.
- In the tailrace of Caldron Falls Powerhouse, downstream of the confluence of the powerhouse tailrace and dam spillway.
- At the Parkway Blvd. Bridge downstream of Caldron Falls Dam. This monitoring point serves as an upstream monitoring location for High Falls Reservoir.
- In the tailrace of the High Falls Hydroelectric facility, at the Boat Landing No. 3 bridge over the Peshtigo River.
- In the tailrace of Johnson Falls Hydroelectric facility.
- In the tailrace of the Sandstone Rapids Hydroelectric facility.
- Upstream of the Potato Rapids Hydroelectric Facility. Monitoring at this location is to provide background information on the water being released through the powerhouse.
- In the tailrace of the Potato Rapids Hydroelectric facility.
- In the tailrace of the Peshtigo Hydroelectric facility.

Water quality monitoring was conducted using Hydrolab Datasonde^x monitoring equipment. Per the

Peshtigo Hydroelectric Projects
Water Quality Monitoring Report
Page 2 of 3

manufacturer, the monitoring equipment has a D.O. accuracy of +/- 0.2 mg/l. All monitoring data collected was adjusted for a loss of calibration if a post calibration of the equipment showed calibration drift of 0.2 mg/l or greater. Deviations from the State D.O. water quality standards were observed at the Caldron Falls Hydro tailrace, High Falls Hydro tailrace, Potato Rapids Hydro tailrace, Peshtigo Hydro tailrace, and the Johnson Falls Hydro Tailrace. The water quality standard is 5.0 mg/l D.O. at all facilities except Johnson Falls, where the water quality standard is 6.0 mg/l. D.O. deviations observed in the Caldron Falls tailrace occurred between June 1 and July 20, 2006. As previously reported to you, the water quality monitor was inadvertently placed directly in the tailrace at the beginning of the monitoring year instead of downstream of the confluence of the tailrace and spillway. Upon moving the monitor to the correct location, no deviations from the water quality standards were observed.

Three hourly D.O. readings below 5.0 mg/l were recorded in the High Falls Hydro tailrace. The lowest reading was 4.95 mg/l dissolved oxygen. Per the operation plan for the facility, water was being spilled via the tainter gates when low D.O. water was observed. One hourly reading below the water quality standard for D.O. was recorded at the Potato Rapids tailrace monitoring location. This reading appears to be an anomaly as the readings before and after are above 7.0 mg/l. Twelve hourly readings were recorded below the water quality standard at the Peshtigo Hydro monitoring location on August 3, 2006. The cause of the low D.O. readings is unknown as there were no operational changes during the time period when the deviations occurred.

Hourly readings below the water quality standard of 6.0 mg/l D.O. were observed at the Johnson Falls tailrace monitoring location in June, July, and August. All of the D.O. deviations were above 5.0 mg/l. I recently discovered these deviations when reviewing the water quality monitoring data. These deviations should have been reported to you earlier and I sincerely apologize for the oversight. WPSC believes the low dissolved oxygen readings are not representative of the actual facility discharge since the monitoring location is immediately in the discharge of the powerhouse. The Johnson Falls tailrace monitor was located approximately 20 to 30 feet downstream of the powerhouse on the North side of the river. This monitoring location is directly in the discharge of Unit 2. When only Unit 1 is on line, stagnant water is present around the monitoring location. There were 219 hourly readings between 5.0 and 6.0 mg/l D.O. Operational data shows that of the 219 hourly readings, only 39 (18%) occurred when Unit 2 was on line. Of the 39 readings, only 10 were less than 5.8 mg/l (please recall that the accuracy of the monitoring equipment is +/- 0.2 mg/l D.O.). All dissolved oxygen monitoring data, and operational data for Johnson Falls Hydro, are attached for your review.

There are no deviations from the State temperature or pH standards to report. Some high pH values were

Peshtigo Hydroelectric Projects
Water Quality Monitoring Report
Page 3 of 3

observed at the High Falls Tailrace monitoring location; however, these readings are most likely due to equipment errors and are not representative of the actual river flow. A review of the monitoring data shows a sharp increase in pH when the values are near or over the pH standard of 9.0 standard units (s.u.). The sharp increases observed are indicative of an equipment malfunction. All temperature and pH monitoring data is attached for your review.

For consultation purposes, this information has been supplied to Mr. Bob Martini, Mr. Mike Donofrio, and Ms. Justine Hasz of the Wisconsin Department of Natural Resources. Please review the enclosed data and make any comments you may have as soon as possible, but within 30 days of this letter. Should you have any questions or concerns, please do not hesitate to call me at (920) 433-1833. Thank you for your time and consideration.

Sincerely,



Mark W. Metcalf
Environmental Consultant
Telephone: (920) 433-1833

Attach.

cc: Mr. Shawn Puzen, WPSC
Mr. Bruce Crocker, WPSC
Mr. Ed Brandt, WPSC

Response to Comments from the U.S. Fish & Wildlife Service

The U.S. Fish & Wildlife Service did not respond with comments.