DRAFT

Little Quinnesec Falls Hydroelectric Facility
2016 Water Quality Study (FERC Project No. 2536)

Report Prepared for:
Chuck Ahlrichs
Northbrook Wisconsin, LLC
14550 N. Frank Lloyd Wright Blvd, Suite 210
Scottsdale, AZ 85260
Phone: (480) 551-1771
Email: cahlrichs@nbenergy.com

Prepared by:
Kent Premo, M.S.
White Water Associates, Inc.
429 River Lane, P.O. Box 27
Amasa, Michigan 49903
Phone: (906) 822-7889
Email: kent.premo@white-water-associates.com

23 November 2016, White Water Associates, Inc.

INTRODUCTION

White Water Associates, Inc., is a full-service laboratory and ecological consulting firm located in Amasa, Michigan. In 2016, White Water Associates was contracted by Northbrook Wisconsin, LLC, the operator of the Little Quinnesec Falls Hydroelectric Facility in Niagara, Wisconsin, to carry out a water quality monitoring as outlined in a Federal Regulatory Commission (FERC) order issued July 1, 1999. The order was modified in 2001 to require that a study be carried out to test water quality every 5 years for 20 years. The original order, water quality monitoring plan, and revised order are included in Appendix A. This report summarizes work fulfilling water quality monitoring requirements for the 2016 monitoring season, the previous study having been conducted in 2011.

BACKGROUND

The FERC order approving the water quality monitoring plan for the Little Quinnesec Falls Project specifies that monitoring be conducted for temperature, dissolved oxygen, and pH. The monitoring period runs from May 1 through September 30. Due to the need for upgrade to LDO datasondes including fitting them for pH capabilities as well as ongoing discussions with agencies to accommodate a possible change in the study plan, monitoring began slightly later, starting May 9. After these discussions, study parameters including the need for pH measures remained much the same, with the exception that FERC approved the study period be modified to June to September for future monitoring.

The point designated for the monitoring station was upstream of the wastewater treatment discharge point (no longer active). Monitoring equipment was to be installed there to sample water conditions hourly, measuring the three water quality parameters of concern. The equipment was maintained by White Water Associates, who had previously conducted the similar studies in 2001, 2006, and 2011. Originally, monitoring also involved special provisions in the case of a low DO event, defined to be less than 5.0 mg/L. These provisions included taking a vertical measurement (i.e., profile) of the deepest part of the project reservoir and contacting the agencies within two days of the event. A revised FERC order was issued May 2, 2016, specifying four profiles for DO and temperature be

conducted during July and August and revising the requirement that low DO events be addressed through upstream profile conducted at the regular two-week service when first detected, rather than within two days of occurrence. No real-time monitoring of conditions was required or undertaken.

In addition to the DO limit, the proposed plan also indicated that temperature readings be less than 32° C (89° F) and pH readings be between 6.0 and 9.0 (standard units).

METHODS

A Hydrolab Datasonde DS5X was used to measure temperature, DO, and pH; the unit was programmed to take measurements every hour on the hour then store that data. The DS5X unit is basically a plastic cannister equipped with various environmental probes, internal data storage, and an external connector for serial communication. The temperature probe was factory calibrated; probes for the latter two parameters were calibrated according to manufacturer's specifications. The DS5X unit was deployed in an open PVC tube fixed to a concrete deck structure directly below the tailrace abutting the dam operations building. A spare DS5X unit was brought to the site every visit (approximately two weeks or less) to replace the unit if needed.

FINDINGS

The DS5X unit was deployed on May 9, 2016, for a planned monitoring period through September 30, with removal on October 3.

There were no instances when the DS5X unit's readings fell below the DO standard of 5.0 mg/L. DO and temperature were all recorded within standards set by the water quality monitoring plan for the entire monitoring period.

A gap in measurement occurred between May 15 to 17. Although the unit was eventually responsive and logging during service, it was decided the unit should be replaced with the spare unit. Another gap occurred between June 9 to 14 due to high water flow

conditions; dam operators contacted White Water at that time and advised that the deployment hardware and DS5X were at risk of being lost and had to be secured.

Measurements for pH exceeded the standard of 9.0 for a time due to maintenance problems. This period lasted from June 14 to 24, shortly after service and before the unit was serviced again. At that time (June 28) the problem was thought to have been corrected, but reoccurred within a few days, producing another period of bad readings from July 1 to 8. The unit was properly serviced on July 8 and readings from that point on were always within a range from 7.36 to 8.15.

Data for 2016 appear in several forms at the end of this report. Appendix B has tables summarizing monthly (Table 1) and weekly results (Table 2), monthly graphs of DO and temperature (together, as Figures 1-5), a graph showing pH over the entire run (Figure 6), and graphs for July and August reservoir profiles at the deepest points (Figures 7-8). A narrative summary of QA activities is included in Appendix C, including a table of coincident readings taken by handheld meters compared to logged readings (Table C1). All 2016 data are presented in unmodified form as recorded by the instrument and included as Appendix D. An Excel spreadsheet with this data, the basis for the graphs and summary tables herein, will be retained by White Water Associates and Northbrook Wisconsin, LLC.

CONCLUSIONS

With two interruptions (one brief one in May due to equipment issues and a longer one during mid June due to water conditions), we collected data hourly for the period from May 9 through September 30. Dissolved oxygen readings were always recorded above the level of concern (5.0 mg/L). Temperature during the period of measurement was also within the range of compliance. The case where pH calibration drifted meant some periods yielded data that are unreliable, but considering past years of monitoring results and the data bookending the unreliable data within this study makes it less of a concern. White Water Associates has seen no data to suggest that water quality standards below the hydroelectric facility are being compromised by the project.

APPENDIX A:

Background Documents and Correspondence

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Consolidated Papers, Inc.) Project No. 2536-021

ORDER APPROVING WATER QUALITY MONITORING PLAN

(Issued July 1, 1999)

On December 3, 1997, Consolidated Papers, Inc., licensee for the Little Quinnesec Project (FERC No. 2536), filed its Water Quality Monitoring Plan. The plan was required by article 406 of the project license. 1/ The project is located on the Menominee River, in Dickinson County, Michigan, and Marinette County, Wisconsin.

BACKGROUND

A new license for the Little Quinnesec Project was issued on May 7, 1997. Article 406 of that license required the licensee to file a plan, for Commission approval, to monitor dissolved oxygen concentration (DO), water temperature, and pH of the Menominee River at the Project. The purpose of the monitoring is to ensure that releases from the project maintain state standards for water temperature, dissolved oxygen (DO) concentration, and pH in the Menominee River immediately downstream of the project, whenever river flows are greater than the 95 percent exceedence flow, or when natural conditions prohibit attainment of the standards. The plan was to be developed after consultation with the Michigan Department of Natural Resources (MDNR), the Wisconsin Department of Natural Resources (WDNR), and the U.S Fish and Wildlife Service (FWS).

THE PROPOSED PLAN

The licensee proposes to establish a monitoring station at the Little Quinnesec Project tailrace, upstream of the Consolidated Papers, Inc. - Niagara Division, wastewater treatment discharge point. Continuous monitoring equipment would record water temperature, DO concentration, and pH at hourly intervals.

1/ 79 FERC ¶ 62,095 (1997)

Monitoring would be conducted from May through September for two years. If, after two years, data suggests that water quality problems do not exist, the licensee, in consultation with the agencies, would pursue modification or elimination of this article from the license.

If the continuous monitoring indicated a low DO event, the licensee would conduct an in-situ vertical measurement (i.e., profile) of water temperature and DO concentration in a deep part of the project reservoir, to determine whether project operation was contributing to the low DO event. The licensee proposes to notify the agencies of the occurrence of any such event within two business days. The licensee would include in this notification the results of any profile sampling or other information that might indicate the cause of the event.

The licensee proposes to store the continuous monitoring data in electronic format at its corporate office. The licensee would provide the resource agencies with data summary sheets via email by July 30 and October 30 of each year.

AGENCY COMMENTS

The licensee consulted with the agencies in the development of its proposal on October 22, 1997. All but two of the agency recommendations were adopted by the licensee in its proposed plan. The licensee did not agree to MDNR's request that it conduct continuous monitoring for DO at the upstream Big Quinnesec Falls Project (FERC No. 1980). The licensee stated that that it did not feel this was appropriate since it did not own the Big Quinnesec Project and can not control their operations. Also, the licensee did not agree to conduct once-per week in-situ vertical profiles of water temperature and DO concentration in the project reservoir. Instead, the licensee proposed to conduct such profiles only when the continuous monitoring below the Little Quinnesec Dam indicated that a low DO event was occurring.

DISCUSSION AND CONCLUSION

The licensee's plan outlines a program that is adequate for monitoring whether releases from the Little Quinnesec Project maintain state standards for water temperature, DO, and pH in the Menominee River below the project, in acordance with the requirements of article 406. Sampling is proposed for the summer months, during which high ambient temperatures and low streamflows may lead to high water temperatures and low DO concentrations.

WATER QUALITY MONITORING PLAN - ARTICLE 406

CONSOLIDATED PAPERS, INC.
NIAGARA DIVISION

HYDRO PROJECT NO. 2536
LITTLE QUINNESEC FALLS

I. Purpose

To ensure that releases from Project No. 2536 maintain State water quality standards below the project except when river flow in the Menominee River is <95% exceedance flow or when natural conditions prohibit attainment of those standards.

Temperature	<89°F ~32°C
Dissolved oxygen	>5.0 mg/l
pH	6.0 - 9.0

II. Scope

A monitoring station will be established at the Little Quinnesec Project Tailrace, upstream of the CPI, Niagara Division, wastewater treatment outfall.

"Summertime" dissolved oxygen profiles will be taken at one meter intervals in the deep location of the impoundment during low D.O. events to verify water quality as it enters the project.

III. Quality Assurance Program

Continuous recording equipment will be calibrated periodically during the monitoring period using appropriate methodology noted in "Standard Methods for the Examination of Water and Wastewater", 18th Edition.

Temperature	Method	2550 B
Dissolved Oxygen	Method	4500-0 C
pH	Method	4500-H+

IV. Timetable and Reporting

Continuous recording equipment for temperature, dissolved oxygen, and pH will be installed at the Little Quinnesec Tailrace site. Data will be recorded on an hourly basis for a two year period (May-September) commencing in 1998.

Data summary reports will be submitted to MDNR, MDEQ, WDNR, USFWS, and the Commission electronically (E-mail with cover sheet) within 30 days from the end of the quarter (by July 30 and October 30).

Notice of water quality standard exceedance will be provided to the Agencies noted above within one working day.

V. Consultation with Agencies

During consultation with the Agencies, it was determined that no factual data existed to indicate a water quality problem at Little Quinnesec. Based on this information, it was agreed upon between CPI and the Agencies to maintain water quality, based on the above plan, for two years. Based on the data received during these two years, and after consultation with the Agencies, CPI may file to modify or possibly eliminate water quality monitoring if it is determined no impacts are being caused by Project operation.

DWS:sd

20021224-3014 Issued by FERC OSEC 12/24/2002 in Docket#: P-2536-057

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

101 FERC ¶ 62,196

Stora Enso North America Project No. 2536-057

ORDER MODIFYING AND AMENDING WATER QUALITY MONITORING PLAN

(Issued December 24, 2002)

On November 28, 2001, Stora Enso North America (SENA or licensee), licensee for the Little Quinnesec Falls Hydro Project, [1] filed a request to amend its water quality monitoring plan concurrent with filing their 2001 annual monitoring report. The original water quality monitoring plan was approved by Order Approving Water Quality Monitoring Plan (1999 Order), [2] filed pursuant to license article 406. The Little Quinnesec Falls Project is located on the Menominee River near the City of Niagara in Marinette County, Wisconsin and Dickinson County, Michigan.

BACKGROUND

The 1999 Order requires the licensee to monitor water quality parameters from May through September for two years. If, after two years, monitoring data suggests that water quality problems do not exist, the licensee, in consultation with the agencies, would pursue modifications or elimination of article 406 from the license.

LICENSEE'S PROPOSAL

After much consultation with the resource agencies, SENA now proposes to alter the frequency of water quality monitoring at the project site based upon an agency agreed-to timetable. Attached to its proposal, SENA submitted the 2001 water quality monitoring results, which will represent the start of a 20-year study.

The Study Scope: The monitoring station will remain located in the project tailrace, upstream of the SENA - Niagara Mill wastewater treatment discharge point. Continuous monitoring equipment will record on an hourly basis - water temperature, dissolved

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[1] See 79 FERC ¶ 62,095 (issued May 7, 1997).

[2] See 88 FERC ¶ 62,002 (issued July 1, 1999).

oxygen (DO) concentration, and pH. The test parameters and monitoring schedule are consistent with the previous study.

Monitoring will occur during May through September. Monitoring commenced in 2001. The next monitoring year will occur in 2006, then at a frequency of every five years for a twenty-year period (2001, 2006, 2011, 2016, and 2021). This schedule reflects existing evidence from the two-year study and data gathered during relicensing of the project, which shows no water quality problems at the project, along with consultation with the U.S. Fish and Wildlife Service (FWS), Wisconsin Department of Natural Resources (WDNR), and Michigan Department of Natural Resources (MDNR). If no adverse water quality issues are observed during this twenty-year monitoring effort, the resource agencies agree to allow elimination of license article 406.

Low DO Events: If, during continuous monitoring, a low DO event is recorded, recordings at one-meter intervals will be taken throughout the water column in a deep part of the impoundment immediately upstream from the project. This measure is to determine if water entering the project is contributing to the event. The state and federal agencies will be notified by telephone or e-mail within five working days. The results of the profile sampling and any circumstances that may have caused the event will be reported to the resource agencies within thirty working days and summarized in the monitoring report to be filed by November 30.

If monitoring data supports the conclusions that the low DO event is related to the operation of the project, SENA will consult with the resource agencies on any revisions to the monitoring plan considered appropriate and approved by the Commission.

Quality Assurance Program: Continuous monitoring equipment will be calibrated periodically during the water quality monitoring period using appropriate methodology noted in "Standard Methods for the Examination of Water and Wastewater", 18th Edition: Temperature - Method 2550 B; Dissolved Oxygen - Method 4500-0 C; and pH - Method 4500 - H+.

Reporting: Data from the continuous monitoring will be electronically recorded and stored at SENA's Niagara Mill. The Commission, USFWS, WDNR, MDNR, and Michigan Department of Environmental Quality (MDEQ) will receive a report with supporting data no later than November 30 of the monitoring year (every five years). As noted above, the resource agencies will be notified of low DO events within five working days from the date of the occurrence, with the results of the profile sampling within thirty days.

AGENCY COMMENTS & LICENSEE'S RESPONSE

On November 3, 2000, the licensee provided the 2000 water quality monitoring report and requested agency comments on whether further sampling would be needed. By letter dated November 15, 2000, the MDNR reported there was an obvious lack of data, especially in the months of May, June, and July. MDNR recommends monitoring water temperature, DO, and pH in May, June, and July of 2001. By letter dated December 13, 2000, the WDNR supported all comments provided in the MDNR's November 15, 2000 letter.

SENA completed the recommended 2001 monitoring and provided the data, citing no water quality problems to the resource agencies, with the request to suspend future water quality monitoring based on the data. However, by letter dated September 13, 2001, the MDNR stated that article 406 should be retained in the license and that future water quality monitoring is necessary because to eliminate the monitoring too soon would be overly presumptuous. MDNR recommends that the frequency of water quality monitoring be reduced to every three to five years over the term of license to confirm that the project is being operated within state standards. MDNR says if water quality levels exceeding state standards are detected, SENA should develop a plan for remedial action, in consultation with the resource agencies.

By letter dated September 24, 2001, the FWS provided the same recommendations as the MDNR and WDNR provided in their September 13, and September 25, 2001 letters, respectively.

Subsequently, SENA recommended monitoring water quality parameters at the 2001 site in five years (2006) and thereafter monitor the tailwater every ten years up to year 2036. Again, by letters dated October 16, 2001, respectively, the WDNR and MDNR, rejected SENA's proposal to monitor every ten years and recommended monitoring every five years.

SENA has adopted the agencies recommendation to monitor water quality parameters every five years, starting in 2001, for the next twenty years. In return, the resource agencies agree that if no project-related water quality problems (DO, pH, temperature) are detected during this time period, then article 406 will be automatically eliminated for the balance of the license term.

DISCUSSION

Currently, the license expires in year 2037 with article 406 written with the intention to monitor water quality for the term of license. The resource agencies, however, concur with suspending water quality monitoring after 20 years (2021), if monitoring results indicate no problems. SENA should file water quality monitoring reports with the resource agencies by November 30 every five years for the next twenty years, with the next report due in 2006. The licensee should allow the agencies at least 30 days to review the report and provide their comments. The licensee should then file the report, including the agency comments, for Commission approval by January 30 of the following year.

The final monitoring report (due to the agencies by November 30, 2021) should include recommendations from the licensee on the need for future water quality monitoring and the filing of monitoring reports. The licensee should again allow the agencies at least 30 days to review the report and provide their comments and recommendations. If the licensee does not agree with an agency recommendation, it should include its reasons based on project-specific information. The final report should be filed with the Commission by January 30, 2022, and should include recommendations for Commission approval on the need for future water quality monitoring and the filing of monitoring reports.

The licensee's proposed plan will be adequate to monitor the project's compliance with state water quality standards and will adequately protect project water quality. Therefore, SENA's plan with the above stated modification should be approved.

The Director's Orders:

(A) The licensee's November 28, 2001 request to amend its water quality monitoring plan under article 406 of its license is approved as modified by paragraph (B) below.

(B) The licensee shall file water quality monitoring reports with the U.S. Fish and Wildlife Service (FWS), the Wisconsin Department of Natural Resources (WDNR), the Michigan Department of Natural Resources (MDNR), and the Michigan Department of Environmental Quality (MDEQ), by November 30 every five years for the next twenty years, with the next report due to the agencies in 2006. The licensee shall allow the consulted agencies at least 30 days to review the report and provide their comments. The licensee shall file the five-year reports, including the agency comments, with the Commission for approval, by January 30 of the following year, with the next report due to the Commission on January 30, 2007.

The final monitoring report (due to the agencies by November 30, 2021) shall include recommendations from the licensee on the need for future water quality monitoring and the filing of monitoring reports. The licensee shall allow the agencies at least 30 days to review the report and provide their comments and recommendations. If the licensee does not agree with an agency recommendation, it should include its reasons based on project-specific information. The final report shall be filed with the Commission by January 30, 2022, and shall include recommendations for Commission approval on the need for future water quality monitoring and the filing of monitoring reports.

(C) This order constitutes final agency action. Requests for rehearing by the Commission may be filed within 30 days of the date of issuance this order, pursuant to 18 C.F.R. § 385.713.

George H. Taylor
Chief, Biological Resources Branch
Division of Hydropower Administration
and Compliance

155 FERC ¶ 62,082
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Northbrook Wisconsin, LLC Project No. 2536-092

ORDER AMENDING WATER QUALITY MONITORING PLAN PURSUANT TO ARTICLE 406

(Issued May 2, 2016)

1. On April 25, 2016, Northbrook Wisconsin, LLC, licensee for the Little Quinnesec Falls Hydroelectric Project No. 2536, filed a request to amend its water quality monitoring plan, pursuant to Article 406 of the project license.[1] The project is located on the Menominee River near the City of Niagara in Marinette County, Wisconsin, and Dickinson County, Michigan.

License Requirements and Background

2. License Article 406 requires the licensee to develop a water quality monitoring plan to ensure that releases from the project maintain the Michigan and Wisconsin state standards below the project (except when river flow in the Menominee River is less than the 95 percent exceedance flow, or when natural conditions prohibit attainment of the standards). In part, the licensee is required to: (1) maintain monthly average temperatures downstream of the dam as specified in Article 406; (2) ensure the water temperature downstream of the dam does not exceed 32°C (89°F) at any time; (3) ensure dissolved oxygen (DO) concentrations downstream of the project powerhouse is not less than 5 milligrams per liter (mg/l) at any time; and (4) maintain the pH within the range of 6.0 to 9.0, with no change greater than 0.5 units outside of the estimated natural seasonal maximum and minimum.

3. The Water Quality Monitoring Plan, approved in 1999,[2] established a monitoring station at the Little Quinnesec Project tailrace, upstream of the Consolidated Papers, Inc., wastewater treatment discharge point. Pursuant to the plan, the licensee proposed to conduct monitoring of DO concentrations, temperature, and pH on a continuous basis

[1] Order Issuing New License (79 FERC ¶ 62,095), issued May 7, 1997.

[2] Order Approving Water Quality Monitoring Plan (88 FERC ¶ 62,002), issued July 1, 1999.

(hourly) from May through September for a period of two years, after which the licensee would consult with the U.S. Fish and Wildlife Service (FWS), Wisconsin Department of Natural Resources (Wisconsin DNR), Michigan Department of Environmental Quality (Michigan DEQ), and Michigan Department of Natural Resources (Michigan DNR) (collectively, the resource agencies) regarding the frequency of monitoring. In the event of DO concentrations below the standard, the licensee is required to conduct an in-situ vertical measurement (i.e., profile) of water temperature and DO concentration in a deep part of the project reservoir, at one meter intervals to determine whether project operation was contributing to the low DO event. The licensee would notify the agencies of the occurrence of any such event within two business days, and would include in this notification the results of any profile sampling or other information that might indicate the cause of the event.

4. In 2002, the Federal Energy Regulatory Commission (Commission) issued an order which reduced the frequency of monitoring to once every five years for a period of 20 years (2006 through 2021), with reports due to the resource agencies and Commission following each monitoring period.[3] As stated in the 2002 Order, the reduced schedule reflects existing evidence from the initial two-year study and data gathered during relicensing of the project, which showed no water quality problems at the project, along with consultation with the resource agencies. A final water quality report is due to be filed with the Commission by January 30, 2022, and is to include recommendations for Commission review on the need for future water quality monitoring and the potential to eliminate Article 406. The 2002 Order also updated the plan such that the licensee would notify the resource agencies about a low DO event by telephone or email within five working days, and would provide the results of the profile sampling and a description of any circumstances that may have caused the event to the resource agencies within thirty working days in addition to including the data in the monitoring report.

Licensee's Request

5. The licensee proposes to reduce the current monitoring period in order to focus on the warmest conditions at the site, by initiating monitoring on June 1 rather than May 1. The licensee states that during this time DO concentrations could be under the greatest stress. Additionally, the licensee states that there have never been any events in which the DO concentration criterion was not met and a subsequent DO profile was required in the reservoir. The licensee proposes to routinely measure DO profiles twice each in July and August, and anytime DO concentrations below the 5.0 mg/l limit is first detected.

[3] Order Modifying and Amending Water Quality Monitoring Plan (101 FERC ¶ 62,196), issued December 24, 2002.

Agency Consultation

6. The licensee discussed its proposed changes to the Water Quality Monitoring Plan with the Michigan DNR on April 12, 2016, and with the Wisconsin DNR on April 18, 2016. The licensee also provided a draft of the proposed changes to the FWS, Wisconsin DNR, and Michigan DNR for review on April 19, 2016. In an email dated April 20, 2016, Wisconsin DNR suggested that DO profiles should be conducted in the deepest hole of the reservoir if the location was not already specified in the plan. Michigan DNR also requested clarification about when the profiles would be performed and what the trigger would be to conduct the profiles. FWS stated on April 22, 2016, that it had no comments on the proposed revisions to the plan.

7. The licensee provided clarification about the DO profiles that it proposes to conduct in the reservoir. The licensee stated that the plan already specifies that the profile is performed in the deepest part, and that the only change to conducting the profile is related to when it happens, not where. The licensee also stated that any detection of low DO concentrations would occur during a regularly scheduled two-week maintenance visit, and a DO profile would be performed at the time of service, if a low DO concentration was observed in the data record. The licensee would contact the agencies within 5 working days as described above, and follow-up with an explanation of the event and supporting data within 30 days. The licensee stated that there is no mechanism in place to alert its staff of any low DO concentration events until they are detected during the regular two-week maintenance visits, and that there are four profiles scheduled (two each in July and August), which would be conducted whether or not there is a low DO concentration identified. Wisconsin DNR and Michigan DNR indicated that they had no further concerns with the licensee's proposals in emails dated April 20, 2016, and April 25, 2016, respectively.

Discussion and Conclusion

8. The licensee's revised sampling schedule focuses on the summer months, during which high ambient temperatures and low streamflows may lead to high water temperatures and low DO concentrations. Further, the licensee's proposal to conduct four DO profiles in the reservoir is expected to provide information about whether the project operation impacts water quality and would help confirm the data collected with the equipment installed in the tailrace. The proposed changes would focus on the season when water quality is most at risk and allows the licensee to provide additional DO concentration data, which would support the goal of Article 406 to ensure state water quality standards are met and help adequately protect project water quality. The resource agencies agree with the licensee's proposals. Therefore, the proposed amendment should be approved.

The Director orders:

(A) Northbrook Wisconsin, LLC 's proposed amendment to the Water Quality Monitoring Plan, filed April 25, 2016, pursuant to Article 406 of the license for the Little Quinnesec Falls Hydroelectric Project No. 2536, as described in paragraphs (B) and (C), is approved.

(B) The water quality monitoring period must occur from June 1 through September 30 every five years.

(C) The licensee must conduct dissolved oxygen (DO) concentration profiles at one-meter intervals taken throughout the water column in a deepest part of the impoundment immediately upstream from the project. The licensee must conduct DO concentration profiles twice each in July and August, and anytime DO concentration criterion is first exceeded, in years in which water quality monitoring occurs.

(D) The Commission reserves the right to modify the approved plan, to ensure adequate water quality monitoring, based on any new monitoring data generated by the licensee or information provided by the Michigan and Wisconsin Departments of Natural Resources.

(E) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 825*l* (2012), and the Commission's regulations at 18 C.F.R. § 385.713 (2015). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee's failure to file a request for rehearing shall constitute acceptance of this order.

Thomas J. LoVullo
Chief, Aquatic Resources Branch
Division of Hydropower
Administration and Compliance

APPENDIX B:

Summary Tables and Graphs

Table 1
Little Quinnesec Falls Hydroelectric Dam, Niagara, WI
Monthly Average, Minimum, Maximum, Standard Deviation, 2016 Monitoring

Temperature (°C)	**Average**	**Minimum**	**Maximum**	**Std Dev**
May	15.51	11.79	19.33	2.18
June	20.43	14.58	24.09	1.98
July	23.51	20.67	26.53	1.22
August	21.45	15.32	26.01	2.60
September	19.14	15.30	22.12	1.70
OVERALL	20.80	11.79	26.53	3.31

Dissolved Oxygen (mg/L)	**Average**	**Minimum**	**Maximum**	**Std Dev**
May	9.47	8.81	10.26	0.34
June	8.05	7.37	9.84	0.48
July	7.62	6.53	8.52	0.48
August	7.79	6.45	8.97	0.56
September	8.20	7.16	8.90	0.39
OVERALL	8.14	6.45	10.26	0.76

pH (s.u.)	**Average**	**Minimum**	**Maximum**	**Std Dev**
May	7.81	7.70	8.09	0.06
June	8.52	6.58	12.17	1.26
July	8.12	7.36	10.14	0.75
August	7.80	7.48	8.12	0.14
September	7.76	7.48	8.09	0.15
OVERALL	8.00	6.58	12.17	0.71

Table 2
Little Quinnesec Falls Hydroelectric Dam, Niagara, WI
Weekly Minimums and Maximums, 2016 Monitoring

Begin	End	Temp. (°C)		DO (mg/L)		pH (s.u.)	
Date	Date	Max.	Min.	Max.	Min.	Max.	Min.
May 9*	May 14	15.16	12.32	9.73	9.08	7.99	7.70
May 15	May 21	16.08	11.79	10.26	9.14	8.09	7.73
May 22	May 28	18.90	14.20	9.80	8.81	7.90	7.70
May 29	Jun 4	20.08	17.65	9.48	7.91	7.87	7.60
Jun 5	Jun 11	19.38	14.58	9.84	8.28	7.79	7.31
Jun 12	Jun 18	21.27	18.50	7.98	7.37	12.17	6.58
Jun 19	Jun 25	23.65	20.10	8.18	7.46	11.85	7.79
Jun 26	Jul 2	24.09	20.67	8.52	7.39	10.10	7.60
Jul 3	Jul 9	24.32	21.07	8.47	6.75	10.14	7.44
Jul 10	Jul 16	24.50	21.56	8.31	6.64	7.81	7.36
Jul 17	Jul 23	25.34	21.71	8.43	7.07	8.09	7.51
Jul 24	Jul 30	26.53	23.74	8.50	6.53	8.15	7.54
Jul 31	Aug 6	26.01	23.35	8.50	6.75	8.07	7.53
Aug 7	Aug 13	25.53	23.44	8.50	6.45	8.01	7.55
Aug 14	Aug 20	24.93	22.70	8.65	6.57	8.12	7.64
Aug 21	Aug 27	23.15	20.91	8.92	6.75	8.04	7.60
Aug 28	Sep 3	22.83	20.29	8.97	7.19	8.02	7.63
Sep 4	Sep 10	21.94	19.65	8.74	7.16	8.09	7.74
Sep 11	Sep 17	20.47	18.40	8.83	7.70	8.05	7.69
Sep 18	Sep 24	19.29	17.78	8.90	7.70	7.90	7.53
Sep 25	Sep 30**	18.50	15.30	8.81	7.77	7.68	7.48
OVERALL		26.53	11.79	10.26	6.45	12.17	6.58

Standards:
Temp. < 32°C (89°F)
DO > 5.0 mg/L
pH = 6.0 -9.0

* The first period (May 9 to 14) is 6 full days.
** The last period (Sep 25 to Sep 30) is 6 full days.

Figure 1. Dissolved Oxygen, Temperature Below Little Quinnesec Falls Hydroelectric Dam
May 2016

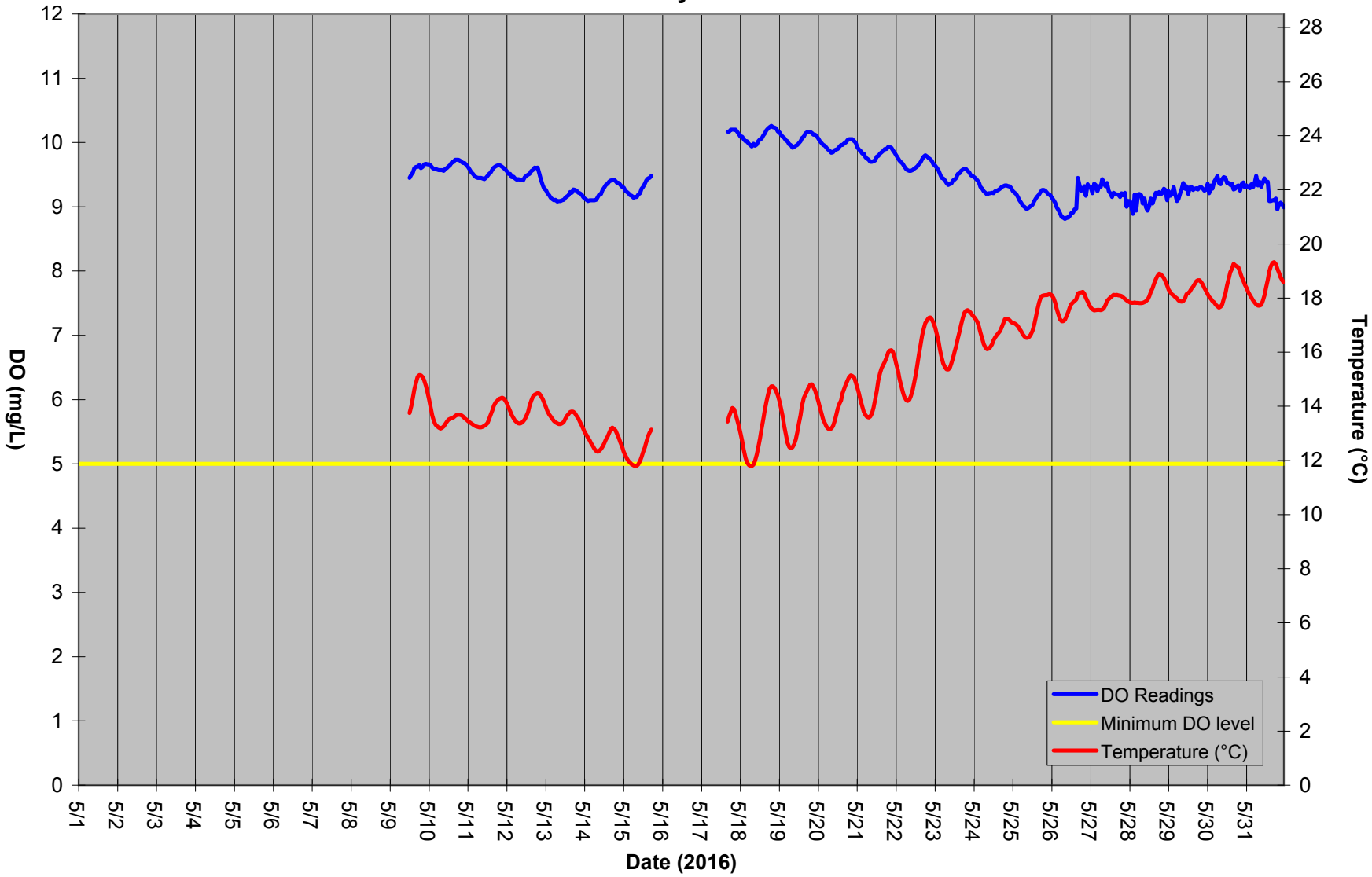


Figure 2. Dissolved Oxygen, Temperature Below Little Quinnesec Falls Hydroelectric Dam
June 2016

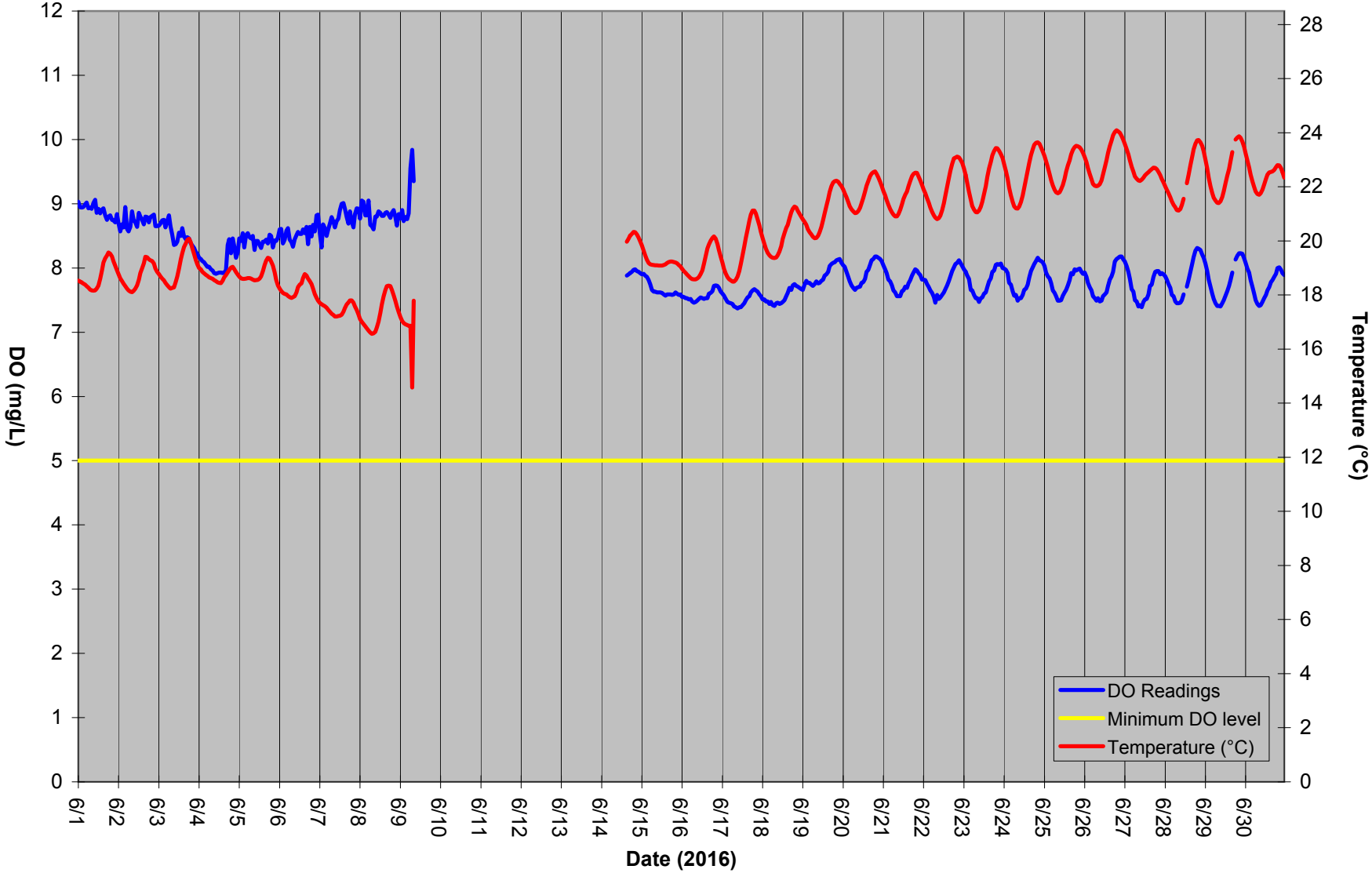


Figure 3. Dissolved Oxygen, Temperature Below Little Quinnesec Falls Hydroelectric Dam
July 2016

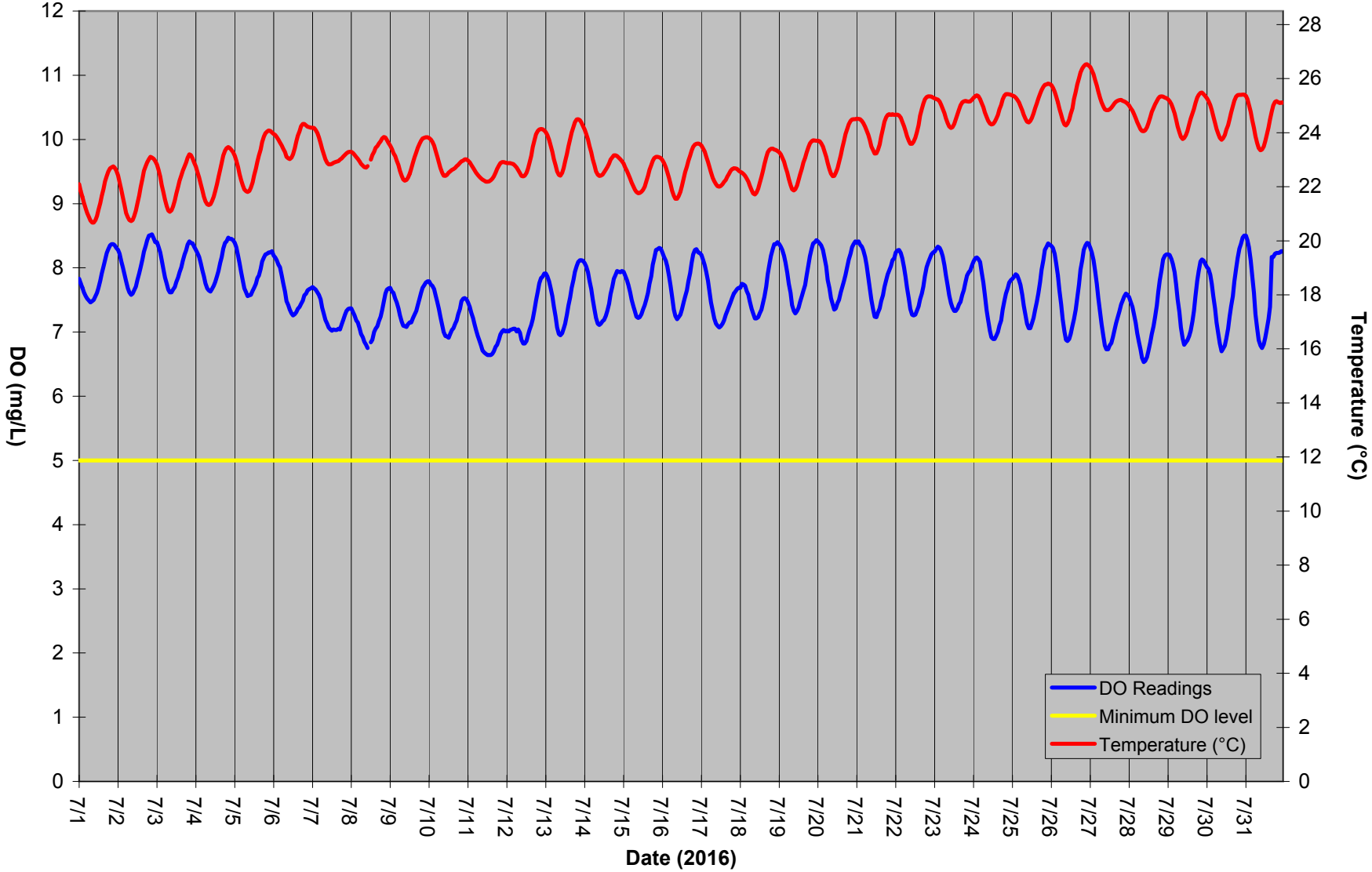


Figure 4. Dissolved Oxygen, Temperature Below Little Quinnesec Falls Hydroelectric Dam
August 2016

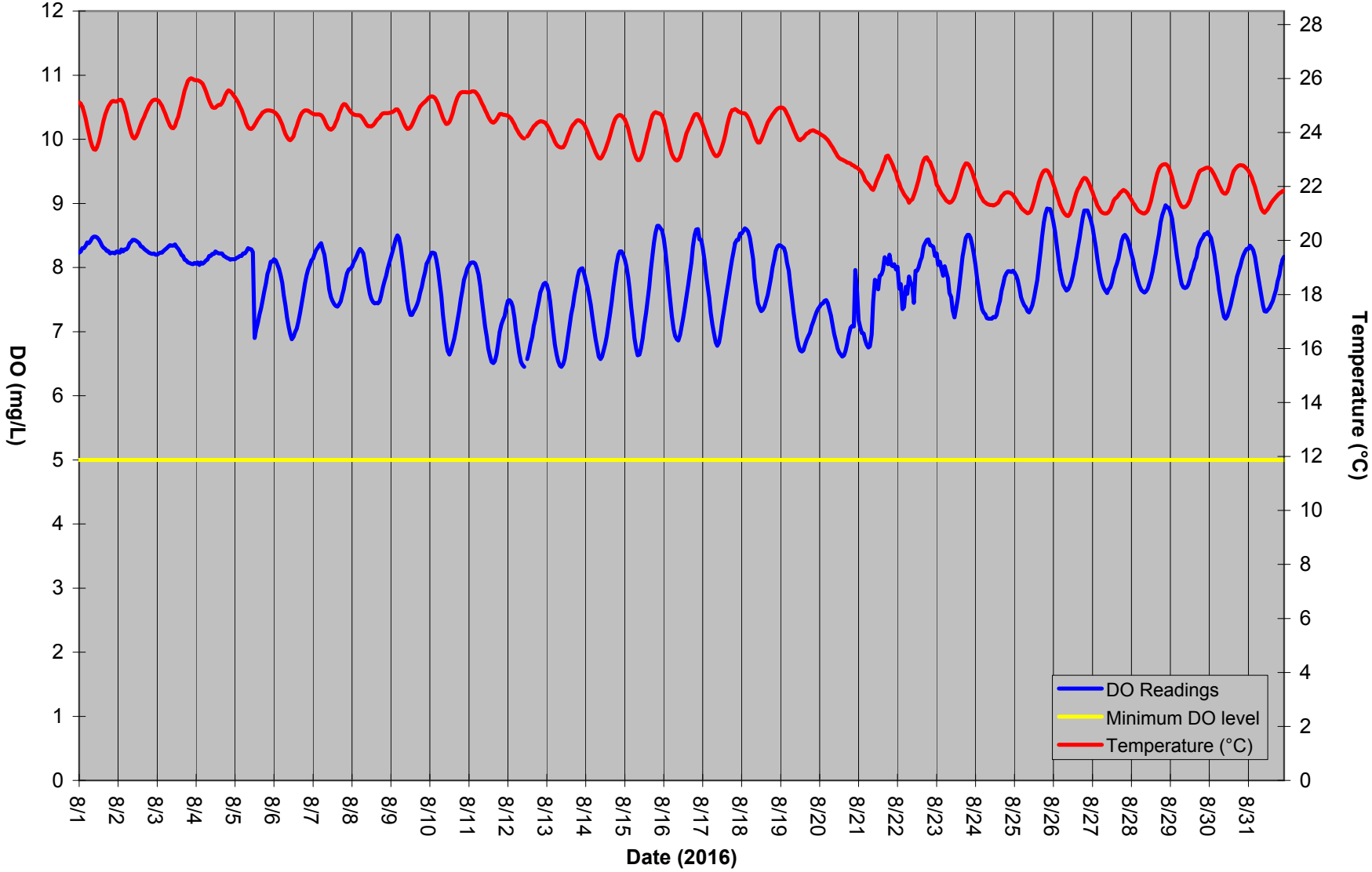


Figure 5. Dissolved Oxygen, Temperature Below Little Quinnesec Falls Hydroelectric Dam
September 2016

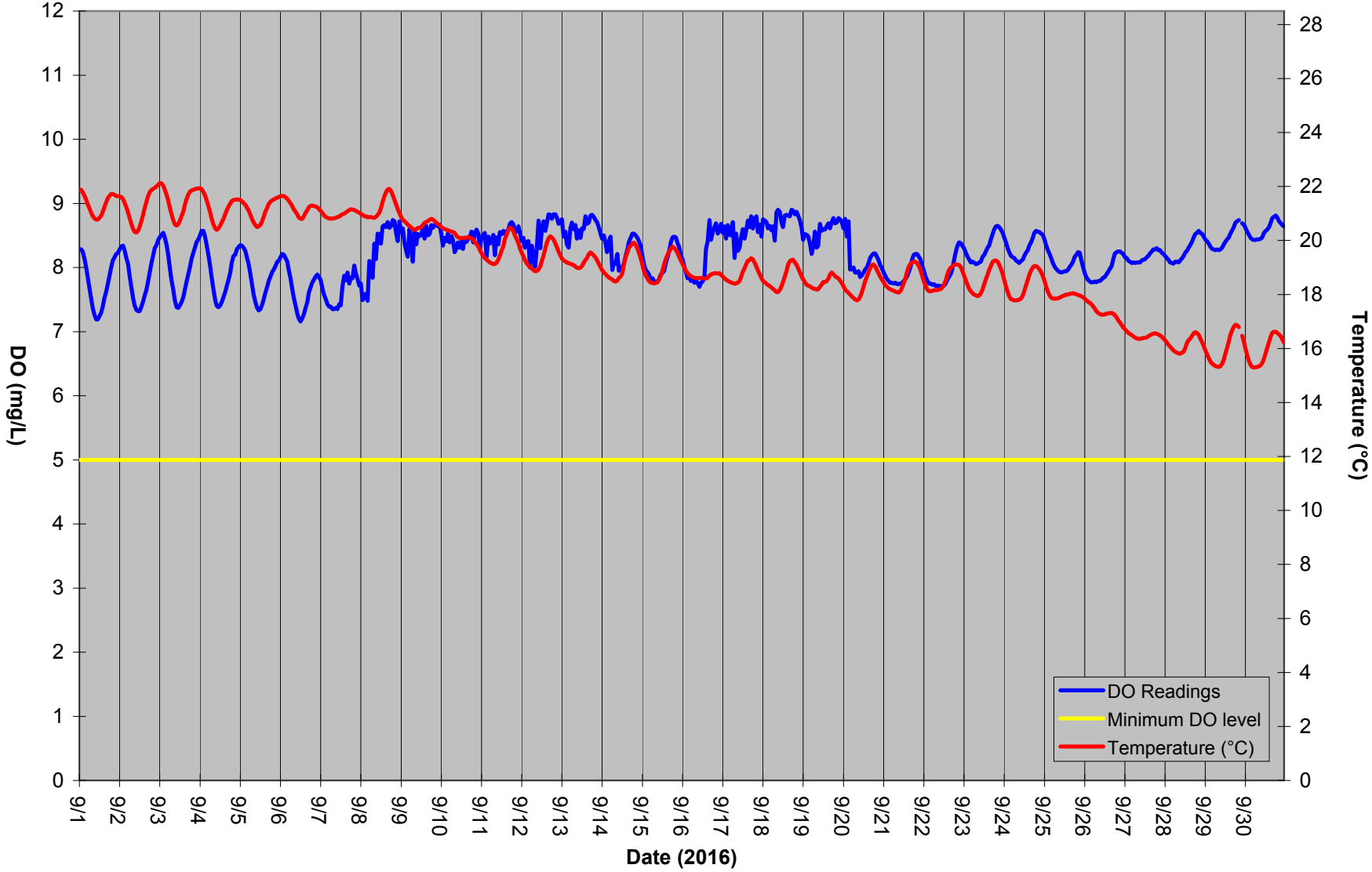


Figure 6. pH Below Little Quinnesec Falls Hydroelectric Dam
Entire Monitoring Run (May 9-September 30, 2016)

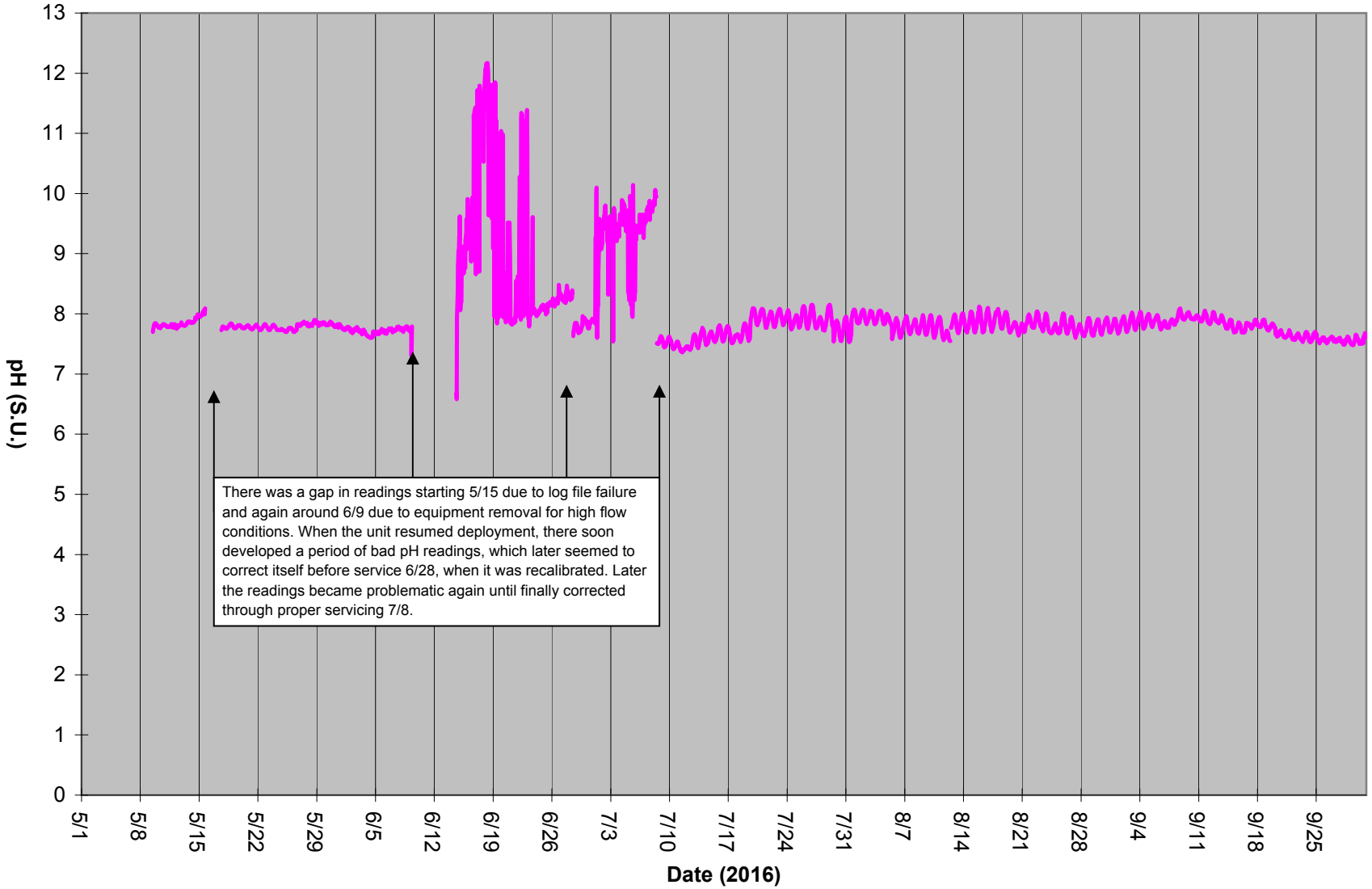
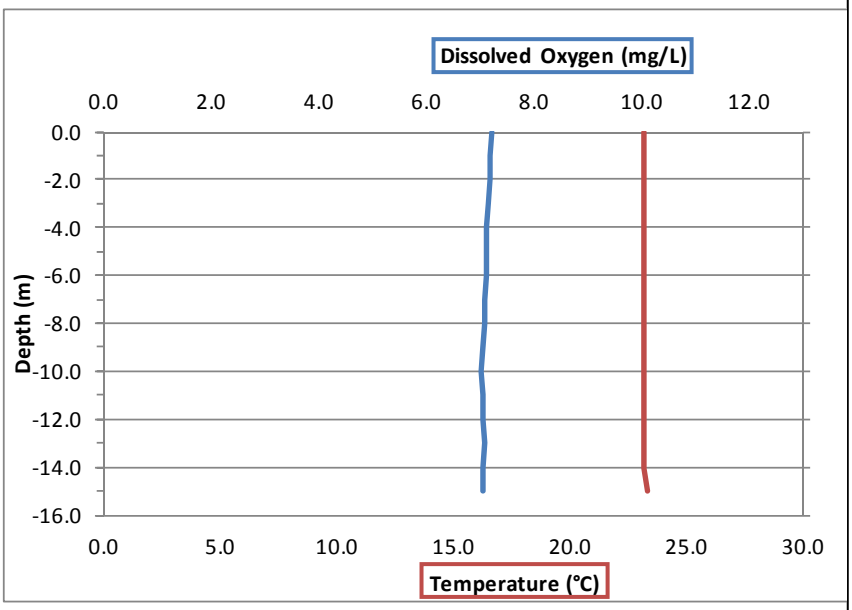


Figure 7. Little Quinnesec Falls Reservoir Profiles for Dissolved Oxygen and Temperature, July 2016

Niagara Upstream Profile
July 8, 2016

Depth (m)	DO (mg/L)	Temp (C)
0.0	7.22	23.2
-1.0	7.20	23.2
-2.0	7.19	23.2
-3.0	7.15	23.2
-4.0	7.14	23.2
-5.0	7.13	23.2
-6.0	7.13	23.2
-7.0	7.11	23.2
-8.0	7.11	23.2
-9.0	7.07	23.2
-10.0	7.04	23.2
-11.0	7.08	23.2
-12.0	7.08	23.2
-13.0	7.09	23.2
-14.0	7.08	23.2
-15.0	7.08	23.4



Niagara Upstream Profile
July 29, 2016

Depth (m)	DO (mg/L)	Temp (C)
0.0	6.96	25.1
-1.0	7.01	24.4
-2.0	7.03	24.3
-3.0	7.00	24.2
-4.0	6.99	24.2
-5.0	6.98	24.2
-6.0	6.97	24.2
-7.0	6.96	24.2
-8.0	6.95	24.2
-9.0	6.93	24.1
-10.0	6.92	24.2
-11.0	6.91	24.2
-12.0	6.91	24.1
-13.0	6.92	24.1
-14.0	6.94	24.1
-15.0	6.93	24.1

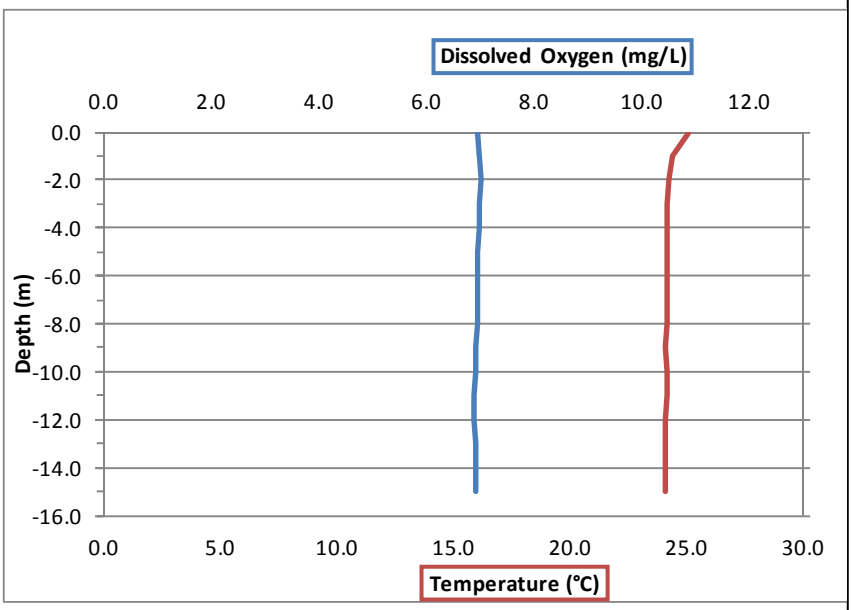
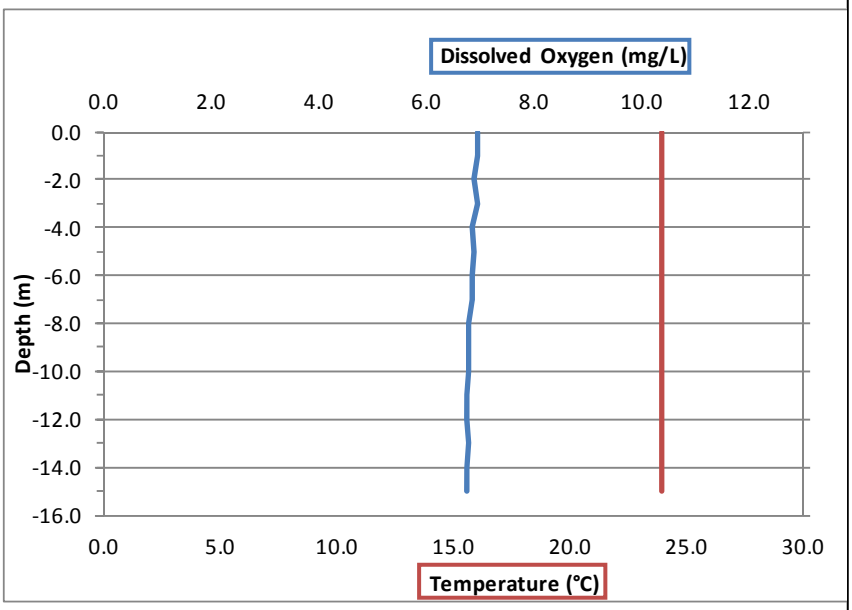


Figure 8. Little Quinnesec Falls Reservoir Profiles for Dissolved Oxygen and Temperature, August 2016

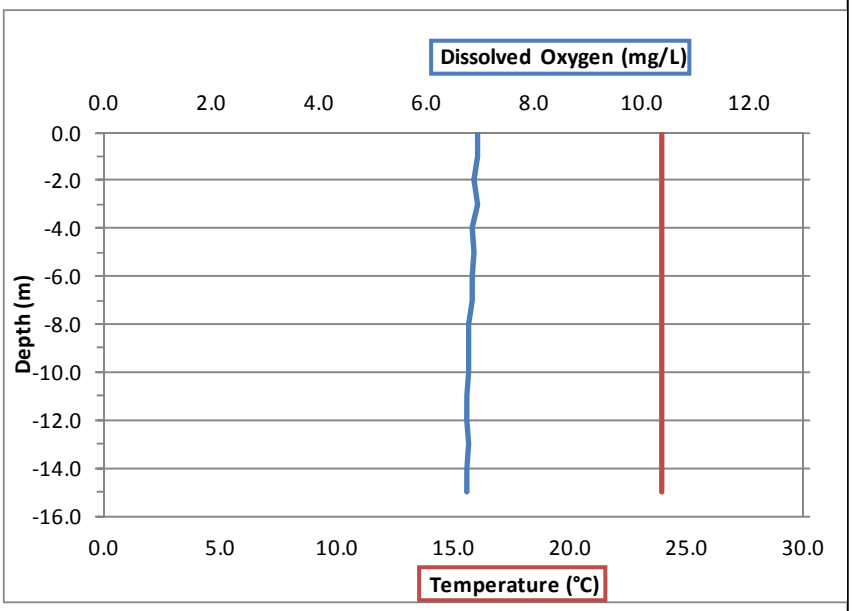
Niagara Upstream Profile
August 12, 2016

Depth (m)	DO (mg/L)	Temp (C)
0.0	6.95	24.0
-1.0	6.95	24.0
-2.0	6.91	24.0
-3.0	6.95	24.0
-4.0	6.88	24.0
-5.0	6.89	24.0
-6.0	6.86	24.0
-7.0	6.85	24.0
-8.0	6.79	24.0
-9.0	6.81	24.0
-10.0	6.80	24.0
-11.0	6.75	24.0
-12.0	6.78	24.0
-13.0	6.79	24.0
-14.0	6.78	24.0
-15.0	6.77	24.0



Niagara Upstream Profile
August 12, 2016

Depth (m)	DO (mg/L)	Temp (C)
0.0	6.95	24.0
-1.0	6.95	24.0
-2.0	6.91	24.0
-3.0	6.95	24.0
-4.0	6.88	24.0
-5.0	6.89	24.0
-6.0	6.86	24.0
-7.0	6.85	24.0
-8.0	6.79	24.0
-9.0	6.81	24.0
-10.0	6.80	24.0
-11.0	6.75	24.0
-12.0	6.78	24.0
-13.0	6.79	24.0
-14.0	6.78	24.0
-15.0	6.77	24.0



APPENDIX C:

Narrative of Quality Assurance and Tables

Maintenance and Visit Summary, Little Quinnesec Falls Hydroelectric Project

This narrative lists all site visits and highlights some of the activities each day.

Friday 5/6/2016 to Sunday 5/8/2016

Equipment prepared and calibrated in laboratory, pH probes installed, batteries installed, hourly logging file set up.

Mon 5/9/2016

Equipment deployed (SN 60600044139), in water by 1130, 2 point pH calibration.

Tue 5/17/2016

On site at 1400, loss of data due logging process failure (5/15/2016 1800 to 5/17/2016 1500). Unit at first did not respond, called Hach tech support. After pulling battery hatch off, could connect once again to computer. Created new log file, reducing warmup to 45 seconds as advised. Replaced original sonde with spare unit (SN 60600044140): prepared, checked against handheld readings, calibrated, setup hourly logging file using 45 second warmup, redeployed before 1600.

Tue 5/31/2016

On site at 1300, DO/pH check, downloaded log file, rebuilt pH probe including new KCl electrolyte pill, calibrated DO/pH, redeployed at 1345.

Tue 6/14/2016

On site at 1325 to redeploy (deployment had been suspended from 6/9/2016 0900 to 6/14/2016 1400 due to high flow conditions), DO/pH check, downloaded log file, redeployed before 1400.

Tue 6/28/2016

On site at 1112, DO/pH check, downloaded log file, pH recalibrated but not rebuild or new electrolyte pill, batteries had greasy feel as if they had leaked (replaced), many instances of power loss on 6/26 to 28 were detected in log file, redeployed before 1300.

Fri 7/8/2016

On site at 935, DO/pH check, downloaded log file, battery check, sonde retrieved at 1005, first download failed with error but second was successful, rebuilt pH probe after noticing readings were too high, recalibrated, redeployed before 1200. Carried out upstream DO/temp profile.

Tue 7/19/2016

On site at 1405, DO/pH check, downloaded log file, changed Teflon junction of pH probe, recalibrated, redeployed at 1440. Carried out upstream DO/temp profile.

Fri 7/29/2016

On site at 1217, DO/pH check, downloaded log file, batteries changed, recalibrated, redeployed at 1257.

Fri 8/12/2016

On site at 955, DO/pH check, downloaded log file, rebuilt pH probe with electrolyte pill, changed batteries, recalibrated, redeployed at 1115. Carried out upstream DO/temp profile.

Fri 8/26/2016

On site at 1045, DO/pH check, downloaded log file, setup new logfile, redeployed by 1200. Carried out upstream DO/temp profile.

Fri 9/9/2016

On site at 1020, DO/pH check, downloaded log file, redeployed by 1100.

Tue 9/20/2016

On site at 900, DO/pH check, downloaded log file, changed batteries, redeployed by 1000.

Mon 10/3/2016

On site at 905, DO/pH check, final download.

TABLE C1
2016 Little Quinnesec Falls
Dissolved oxygen and pH readings by handheld meters with comparative measures recorded by logging meter

Deployed units

Serial number	Timeframe deployed
60600044139	5/9 1200 to 5/17 1500 (last reading used: 5/15 1700)
60600044140	5/17 1600 to 10/3 900 (last reading used: 9/30 1100)

Field visits

Mon 5/9/2016	Fri 7/29/2016
Tue 5/17/2016	Fri 8/12/2016
Tue 5/31/2016	Fri 8/26/2016
Tue 6/14/2016	Fri 9/9/2016
Tue 6/28/2016	Tue 9/20/2016
Fri 7/8/2016	Mon 10/3/2016
Tue 7/19/2016	

Field meter measurements vs. logging meter					Hach DS5X reading at nearest time			Logger - Handheld	
Field meter readings*									
Date	Time CT	Temp C	DO mg/L	pH s.u.	DO (logger)	pH (logger)	YSI time	Diff (DO)	Diff (pH)
31-May	1300	19.3	9.31	6.92	9.39	7.83	1300	-0.08	-0.91
14-Jun	1325	20.6	8.06	6.87	7.91	7.03	in situ	0.15	-0.16
28-Jun	1112	21.9	7.80	7.65	7.59	8.34	1100	0.21	-0.69
8-Jul	1100	23.0	7.08	7.30	6.84	7.51	1200	0.24	-0.21
19-Jul	1405	23.1	7.76	7.65	7.56	7.60	1400	0.20	0.05
29-Jul	1217	24.5	7.01	7.58	6.87	7.81	1200	0.14	-0.23
29-Jul	1300	25.6	6.91	7.80	6.94	7.54	1300	-0.03	0.26
12-Aug	955	23.7	6.76	7.67	6.45	7.55	1000	0.31	0.12
26-Aug	1100	22.5	7.65	6.70	7.79	7.71	1100	-0.14	-1.01
9-Sep	1030	20.5	8.21	7.70	8.49	7.96	1100	-0.28	-0.26
20-Sep	900	18.4	7.95	7.12	7.94	7.64	900	0.01	-0.52
3-Oct	905	16.4	8.73	7.54	8.82	7.51	900	-0.09	0.03

* Handheld devices were Hach LDO meter (for DO) and pHTestr30 (for pH).

APPENDIX D:

Complete 2016 Results (Table)

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
5/9/2016	0			
5/9/2016	100			
5/9/2016	200			
5/9/2016	300			
5/9/2016	400			
5/9/2016	500			
5/9/2016	600			
5/9/2016	700			
5/9/2016	800			
5/9/2016	900			
5/9/2016	1000			
5/9/2016	1100			
5/9/2016	1200	13.75	7.70	9.45
5/9/2016	1300	14.01	7.74	9.50
5/9/2016	1400	14.31	7.78	9.53
5/9/2016	1500	14.63	7.81	9.60
5/9/2016	1600	14.89	7.82	9.62
5/9/2016	1700	15.09	7.84	9.62
5/9/2016	1800	15.16	7.82	9.65
5/9/2016	1900	15.15	7.84	9.60
5/9/2016	2000	15.08	7.83	9.62
5/9/2016	2100	14.96	7.84	9.66
5/9/2016	2200	14.76	7.82	9.67
5/9/2016	2300	14.52	7.81	9.66
5/10/2016	0	14.24	7.81	9.66
5/10/2016	100	13.95	7.81	9.64
5/10/2016	200	13.67	7.80	9.61
5/10/2016	300	13.45	7.78	9.59
5/10/2016	400	13.33	7.78	9.59
5/10/2016	500	13.26	7.77	9.58
5/10/2016	600	13.21	7.78	9.57
5/10/2016	700	13.18	7.78	9.57
5/10/2016	800	13.20	7.78	9.57
5/10/2016	900	13.26	7.76	9.56
5/10/2016	1000	13.34	7.79	9.59
5/10/2016	1100	13.43	7.79	9.60
5/10/2016	1200	13.51	7.80	9.63
5/10/2016	1300	13.54	7.80	9.65
5/10/2016	1400	13.57	7.80	9.69
5/10/2016	1500	13.59	7.81	9.69
5/10/2016	1600	13.64	7.82	9.73
5/10/2016	1700	13.68	7.83	9.73
5/10/2016	1800	13.69	7.83	9.73
5/10/2016	1900	13.69	7.83	9.72
5/10/2016	2000	13.67	7.82	9.70
5/10/2016	2100	13.62	7.82	9.68
5/10/2016	2200	13.56	7.82	9.68
5/10/2016	2300	13.51	7.81	9.65
5/11/2016	0	13.46	7.81	9.62
5/11/2016	100	13.41	7.80	9.58
5/11/2016	200	13.37	7.80	9.54
5/11/2016	300	13.33	7.79	9.51
5/11/2016	400	13.29	7.79	9.48
5/11/2016	500	13.26	7.78	9.46
5/11/2016	600	13.24	7.78	9.45
5/11/2016	700	13.22	7.78	9.45
5/11/2016	800	13.22	7.78	9.45
5/11/2016	900	13.24	7.78	9.44
5/11/2016	1000	13.28	7.79	9.43
5/11/2016	1100	13.32	7.79	9.45
5/11/2016	1200	13.38	7.79	9.48
5/11/2016	1300	13.53	7.79	9.51
5/11/2016	1400	13.68	7.80	9.53
5/11/2016	1500	13.85	7.81	9.58
5/11/2016	1600	14.02	7.83	9.61
5/11/2016	1700	14.14	7.78	9.63
5/11/2016	1800	14.20	7.81	9.64
5/11/2016	1900	14.27	7.83	9.65
5/11/2016	2000	14.29	7.81	9.64
5/11/2016	2100	14.32	7.81	9.62
5/11/2016	2200	14.29	7.77	9.60
5/11/2016	2300	14.21	7.77	9.58
5/12/2016	0	14.11	7.77	9.55
5/12/2016	100	13.97	7.80	9.51
5/12/2016	200	13.82	7.83	9.51
5/12/2016	300	13.68	7.79	9.46
5/12/2016	400	13.57	7.77	9.47
5/12/2016	500	13.47	7.77	9.44
5/12/2016	600	13.41	7.77	9.42
5/12/2016	700	13.37	7.77	9.43
5/12/2016	800	13.36	7.75	9.42
5/12/2016	900	13.39	7.77	9.42
5/12/2016	1000	13.44	7.81	9.41
5/12/2016	1100	13.52	7.78	9.46
5/12/2016	1200	13.64	7.78	9.48
5/12/2016	1300	13.79	7.79	9.50
5/12/2016	1400	14.02	7.79	9.51
5/12/2016	1500	14.22	7.80	9.56
5/12/2016	1600	14.35	7.81	9.57
5/12/2016	1700	14.43	7.81	9.61
5/12/2016	1800	14.46	7.81	9.60
5/12/2016	1900	14.49	7.82	9.61
5/12/2016	2000	14.47	7.81	9.51
5/12/2016	2100	14.38	7.86	9.42
5/12/2016	2200	14.27	7.82	9.34
5/12/2016	2300	14.13	7.83	9.28
5/13/2016	0	13.97	7.81	9.26
5/13/2016	100	13.82	7.81	9.21
5/13/2016	200	13.70	7.81	9.18
5/13/2016	300	13.62	7.81	9.14
5/13/2016	400	13.54	7.81	9.12
5/13/2016	500	13.46	7.81	9.10
5/13/2016	600	13.41	7.80	9.11
5/13/2016	700	13.37	7.80	9.08
5/13/2016	800	13.34	7.81	9.09
5/13/2016	900	13.34	7.81	9.09
5/13/2016	1000	13.37	7.81	9.10
5/13/2016	1100	13.43	7.82	9.11
5/13/2016	1200	13.54	7.83	9.14
5/13/2016	1300	13.64	7.84	9.16
5/13/2016	1400	13.72	7.85	9.18
5/13/2016	1500	13.79	7.85	9.23
5/13/2016	1600	13.81	7.87	9.22
5/13/2016	1700	13.80	7.87	9.27
5/13/2016	1800	13.73	7.87	9.26
5/13/2016	1900	13.64	7.87	9.25
5/13/2016	2000	13.55	7.87	9.22
5/13/2016	2100	13.43	7.87	9.21
5/13/2016	2200	13.30	7.87	9.19
5/13/2016	2300	13.18	7.86	9.15
5/14/2016	0	13.05	7.85	9.13
5/14/2016	100	12.94	7.85	9.11
5/14/2016	200	12.84	7.85	9.09
5/14/2016	300	12.74	7.85	9.10
5/14/2016	400	12.63	7.85	9.10
5/14/2016	500	12.53	7.86	9.10
5/14/2016	600	12.42	7.86	9.10
5/14/2016	700	12.35	7.86	9.11
5/14/2016	800	12.32	7.86	9.15
5/14/2016	900	12.36	7.86	9.19
5/14/2016	1000	12.42	7.87	9.20
5/14/2016	1100	12.51	7.88	9.26
5/14/2016	1200	12.64	7.90	9.30
5/14/2016	1300	12.77	7.94	9.34

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
5/14/2016	1400	12.88	7.92	9.36
5/14/2016	1500	13.01	7.91	9.39
5/14/2016	1600	13.16	7.93	9.41
5/14/2016	1700	13.21	7.93	9.41
5/14/2016	1800	13.17	7.95	9.42
5/14/2016	1900	13.10	7.96	9.40
5/14/2016	2000	12.97	7.99	9.37
5/14/2016	2100	12.82	7.96	9.37
5/14/2016	2200	12.67	7.96	9.34
5/14/2016	2300	12.51	7.97	9.31
5/15/2016	0	12.32	7.96	9.30
5/15/2016	100	12.18	7.96	9.25
5/15/2016	200	12.07	7.97	9.23
5/15/2016	300	11.98	7.95	9.21
5/15/2016	400	11.91	7.97	9.18
5/15/2016	500	11.86	7.97	9.17
5/15/2016	600	11.82	7.97	9.14
5/15/2016	700	11.79	7.98	9.15
5/15/2016	800	11.80	7.98	9.15
5/15/2016	900	11.86	8.00	9.19
5/15/2016	1000	11.98	8.02	9.21
5/15/2016	1100	12.13	7.99	9.28
5/15/2016	1200	12.30	8.03	9.31
5/15/2016	1300	12.48	8.05	9.36
5/15/2016	1400	12.68	8.06	9.41
5/15/2016	1500	12.90	8.07	9.44
5/15/2016	1600	13.03	7.99	9.45
5/15/2016	1700	13.14	8.09	9.48
5/15/2016	1800			
5/15/2016	1900			
5/15/2016	2000			
5/15/2016	2100			
5/15/2016	2200			
5/15/2016	2300			
5/16/2016	0			
5/16/2016	100			
5/16/2016	200			
5/16/2016	300			
5/16/2016	400			
5/16/2016	500			
5/16/2016	600			
5/16/2016	700			
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5/16/2016	2200			
5/16/2016	2300			
5/17/2016	0			
5/17/2016	100			
5/17/2016	200			
5/17/2016	300			
5/17/2016	400			
5/17/2016	500			
5/17/2016	600			
5/17/2016	700			
5/17/2016	800			

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
5/17/2016	900			
5/17/2016	1000			
5/17/2016	1100			
5/17/2016	1200			
5/17/2016	1300			
5/17/2016	1400			
5/17/2016	1500			
5/17/2016	1600	13.44	7.73	10.17
5/17/2016	1700	13.63	7.75	10.17
5/17/2016	1800	13.80	7.77	10.20
5/17/2016	1900	13.94	7.79	10.20
5/17/2016	2000	13.89	7.79	10.20
5/17/2016	2100	13.71	7.79	10.20
5/17/2016	2200	13.50	7.78	10.17
5/17/2016	2300	13.26	7.78	10.13
5/18/2016	0	13.02	7.77	10.09
5/18/2016	100	12.72	7.77	10.09
5/18/2016	200	12.40	7.77	10.05
5/18/2016	300	12.11	7.76	10.02
5/18/2016	400	11.93	7.76	10.02
5/18/2016	500	11.84	7.75	9.98
5/18/2016	600	11.79	7.75	9.96
5/18/2016	700	11.79	7.76	9.94
5/18/2016	800	11.85	7.76	9.98
5/18/2016	900	11.99	7.76	9.95
5/18/2016	1000	12.22	7.78	9.97
5/18/2016	1100	12.49	7.78	10.02
5/18/2016	1200	12.82	7.79	10.05
5/18/2016	1300	13.17	7.80	10.06
5/18/2016	1400	13.53	7.81	10.11
5/18/2016	1500	13.86	7.82	10.14
5/18/2016	1600	14.15	7.82	10.19
5/18/2016	1700	14.44	7.83	10.22
5/18/2016	1800	14.65	7.84	10.24
5/18/2016	1900	14.74	7.84	10.26
5/18/2016	2000	14.74	7.83	10.24
5/18/2016	2100	14.67	7.83	10.23
5/18/2016	2200	14.56	7.83	10.22
5/18/2016	2300	14.39	7.82	10.17
5/19/2016	0	14.20	7.80	10.16
5/19/2016	100	13.94	7.80	10.12
5/19/2016	200	13.63	7.79	10.09
5/19/2016	300	13.27	7.77	10.07
5/19/2016	400	12.94	7.76	10.03
5/19/2016	500	12.66	7.76	10.02
5/19/2016	600	12.50	7.76	9.97
5/19/2016	700	12.45	7.76	9.96
5/19/2016	800	12.49	7.76	9.92
5/19/2016	900	12.59	7.77	9.93
5/19/2016	1000	12.78	7.77	9.95
5/19/2016	1100	13.04	7.78	9.96
5/19/2016	1200	13.35	7.78	9.99
5/19/2016	1300	13.67	7.79	10.02
5/19/2016	1400	14.04	7.80	10.07
5/19/2016	1500	14.31	7.81	10.09
5/19/2016	1600	14.43	7.81	10.14
5/19/2016	1700	14.57	7.81	10.16
5/19/2016	1800	14.70	7.81	10.16
5/19/2016	1900	14.80	7.81	10.16
5/19/2016	2000	14.81	7.81	10.15
5/19/2016	2100	14.72	7.81	10.12
5/19/2016	2200	14.58	7.80	10.12
5/19/2016	2300	14.39	7.80	10.10
5/20/2016	0	14.17	7.79	10.06
5/20/2016	100	13.95	7.78	10.02
5/20/2016	200	13.72	7.77	9.99
5/20/2016	300	13.51	7.77	9.96

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
5/20/2016	400	13.37	7.77	9.95
5/20/2016	500	13.25	7.76	9.92
5/20/2016	600	13.18	7.76	9.89
5/20/2016	700	13.16	7.76	9.87
5/20/2016	800	13.18	7.76	9.84
5/20/2016	900	13.27	7.76	9.85
5/20/2016	1000	13.44	7.76	9.88
5/20/2016	1100	13.69	7.77	9.89
5/20/2016	1200	13.92	7.78	9.90
5/20/2016	1300	14.11	7.78	9.94
5/20/2016	1400	14.22	7.79	9.96
5/20/2016	1500	14.49	7.79	9.96
5/20/2016	1600	14.66	7.79	9.99
5/20/2016	1700	14.81	7.80	10.00
5/20/2016	1800	14.96	7.81	10.04
5/20/2016	1900	15.08	7.81	10.05
5/20/2016	2000	15.15	7.81	10.05
5/20/2016	2100	15.12	7.80	10.05
5/20/2016	2200	15.06	7.80	10.02
5/20/2016	2300	14.90	7.79	10.00
5/21/2016	0	14.71	7.78	9.93
5/21/2016	100	14.48	7.77	9.89
5/21/2016	200	14.24	7.76	9.87
5/21/2016	300	14.00	7.76	9.83
5/21/2016	400	13.81	7.75	9.83
5/21/2016	500	13.68	7.75	9.77
5/21/2016	600	13.61	7.75	9.75
5/21/2016	700	13.59	7.74	9.73
5/21/2016	800	13.62	7.75	9.70
5/21/2016	900	13.74	7.75	9.70
5/21/2016	1000	13.95	7.76	9.71
5/21/2016	1100	14.23	7.76	9.72
5/21/2016	1200	14.57	7.77	9.78
5/21/2016	1300	14.95	7.78	9.79
5/21/2016	1400	15.23	7.79	9.83
5/21/2016	1500	15.41	7.79	9.85
5/21/2016	1600	15.54	7.80	9.87
5/21/2016	1700	15.65	7.80	9.90
5/21/2016	1800	15.81	7.81	9.90
5/21/2016	1900	15.98	7.82	9.93
5/21/2016	2000	16.06	7.82	9.93
5/21/2016	2100	16.08	7.81	9.92
5/21/2016	2200	16.01	7.80	9.88
5/21/2016	2300	15.82	7.79	9.84
5/22/2016	0	15.57	7.78	9.80
5/22/2016	100	15.33	7.77	9.76
5/22/2016	200	15.03	7.76	9.72
5/22/2016	300	14.77	7.75	9.69
5/22/2016	400	14.54	7.74	9.67
5/22/2016	500	14.37	7.73	9.63
5/22/2016	600	14.25	7.73	9.59
5/22/2016	700	14.20	7.73	9.57
5/22/2016	800	14.24	7.74	9.56
5/22/2016	900	14.37	7.74	9.56
5/22/2016	1000	14.58	7.74	9.57
5/22/2016	1100	14.85	7.75	9.59
5/22/2016	1200	15.17	7.76	9.61
5/22/2016	1300	15.53	7.77	9.63
5/22/2016	1400	15.89	7.78	9.66
5/22/2016	1500	16.27	7.79	9.69
5/22/2016	1600	16.61	7.80	9.74
5/22/2016	1700	16.88	7.81	9.78
5/22/2016	1800	17.08	7.82	9.80
5/22/2016	1900	17.18	7.83	9.78
5/22/2016	2000	17.27	7.83	9.76
5/22/2016	2100	17.28	7.83	9.74
5/22/2016	2200	17.21	7.82	9.71
5/22/2016	2300	17.09	7.81	9.66
5/23/2016	0	16.91	7.80	9.64
5/23/2016	100	16.69	7.79	9.61
5/23/2016	200	16.42	7.78	9.57
5/23/2016	300	16.09	7.77	9.51
5/23/2016	400	15.80	7.76	9.45
5/23/2016	500	15.58	7.75	9.44
5/23/2016	600	15.45	7.74	9.41
5/23/2016	700	15.37	7.73	9.37
5/23/2016	800	15.36	7.73	9.34
5/23/2016	900	15.42	7.73	9.36
5/23/2016	1000	15.57	7.74	9.36
5/23/2016	1100	15.79	7.74	9.41
5/23/2016	1200	16.01	7.75	9.42
5/23/2016	1300	16.24	7.76	9.45
5/23/2016	1400	16.50	7.77	9.51
5/23/2016	1500	16.76	7.78	9.52
5/23/2016	1600	17.01	7.79	9.56
5/23/2016	1700	17.27	7.80	9.58
5/23/2016	1800	17.45	7.81	9.59
5/23/2016	1900	17.53	7.81	9.59
5/23/2016	2000	17.55	7.82	9.56
5/23/2016	2100	17.52	7.82	9.54
5/23/2016	2200	17.45	7.81	9.49
5/23/2016	2300	17.37	7.80	9.48
5/24/2016	0	17.29	7.79	9.46
5/24/2016	100	17.22	7.79	9.44
5/24/2016	200	17.12	7.78	9.41
5/24/2016	300	16.94	7.77	9.38
5/24/2016	400	16.73	7.76	9.31
5/24/2016	500	16.50	7.75	9.28
5/24/2016	600	16.30	7.74	9.24
5/24/2016	700	16.17	7.73	9.22
5/24/2016	800	16.11	7.73	9.19
5/24/2016	900	16.13	7.73	9.21
5/24/2016	1000	16.19	7.73	9.21
5/24/2016	1100	16.29	7.73	9.22
5/24/2016	1200	16.44	7.73	9.21
5/24/2016	1300	16.54	7.73	9.24
5/24/2016	1400	16.63	7.73	9.25
5/24/2016	1500	16.70	7.73	9.26
5/24/2016	1600	16.78	7.74	9.28
5/24/2016	1700	16.91	7.74	9.31
5/24/2016	1800	17.07	7.74	9.32
5/24/2016	1900	17.22	7.75	9.33
5/24/2016	2000	17.24	7.74	9.33
5/24/2016	2100	17.22	7.74	9.32
5/24/2016	2200	17.18	7.74	9.32
5/24/2016	2300	17.11	7.74	9.29
5/25/2016	0	17.08	7.73	9.24
5/25/2016	100	17.06	7.73	9.22
5/25/2016	200	17.02	7.73	9.20
5/25/2016	300	16.96	7.72	9.15
5/25/2016	400	16.87	7.72	9.10
5/25/2016	500	16.77	7.71	9.06
5/25/2016	600	16.66	7.71	9.02
5/25/2016	700	16.58	7.71	9.00
5/25/2016	800	16.53	7.70	8.97
5/25/2016	900	16.53	7.70	8.97
5/25/2016	1000	16.57	7.71	8.99
5/25/2016	1100	16.65	7.71	9.01
5/25/2016	1200	16.79	7.72	9.03
5/25/2016	1300	16.99	7.73	9.08
5/25/2016	1400	17.28	7.74	9.13
5/25/2016	1500	17.56	7.75	9.16
5/25/2016	1600	17.83	7.76	9.19
5/25/2016	1700	18.01	7.77	9.23

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
5/25/2016	1800	18.08	7.77	9.26
5/25/2016	1900	18.10	7.77	9.26
5/25/2016	2000	18.11	7.77	9.25
5/25/2016	2100	18.11	7.77	9.22
5/25/2016	2200	18.14	7.76	9.19
5/25/2016	2300	18.14	7.76	9.18
5/26/2016	0	18.10	7.76	9.14
5/26/2016	100	17.99	7.75	9.10
5/26/2016	200	17.83	7.74	9.06
5/26/2016	300	17.60	7.73	8.99
5/26/2016	400	17.40	7.72	8.95
5/26/2016	500	17.22	7.71	8.90
5/26/2016	600	17.14	7.70	8.84
5/26/2016	700	17.14	7.70	8.83
5/26/2016	800	17.20	7.70	8.81
5/26/2016	900	17.33	7.71	8.83
5/26/2016	1000	17.49	7.71	8.83
5/26/2016	1100	17.66	7.72	8.86
5/26/2016	1200	17.78	7.72	8.90
5/26/2016	1300	17.84	7.73	8.91
5/26/2016	1400	17.89	7.73	8.96
5/26/2016	1500	17.95	7.73	8.97
5/26/2016	1600	18.17	7.83	9.45
5/26/2016	1700	18.20	7.82	9.33
5/26/2016	1800	18.20	7.81	9.25
5/26/2016	1900	18.23	7.82	9.26
5/26/2016	2000	18.16	7.82	9.32
5/26/2016	2100	18.01	7.81	9.17
5/26/2016	2200	17.88	7.83	9.35
5/26/2016	2300	17.75	7.82	9.30
5/27/2016	0	17.65	7.83	9.30
5/27/2016	100	17.58	7.80	9.21
5/27/2016	200	17.54	7.82	9.36
5/27/2016	300	17.55	7.83	9.34
5/27/2016	400	17.56	7.82	9.24
5/27/2016	500	17.56	7.83	9.32
5/27/2016	600	17.55	7.83	9.31
5/27/2016	700	17.57	7.85	9.43
5/27/2016	800	17.62	7.84	9.37
5/27/2016	900	17.74	7.84	9.32
5/27/2016	1000	17.89	7.86	9.37
5/27/2016	1100	17.96	7.87	9.24
5/27/2016	1200	18.02	7.85	9.21
5/27/2016	1300	18.07	7.84	9.15
5/27/2016	1400	18.12	7.84	9.22
5/27/2016	1500	18.11	7.85	9.20
5/27/2016	1600	18.12	7.85	9.19
5/27/2016	1700	18.10	7.84	9.19
5/27/2016	1800	18.09	7.84	9.15
5/27/2016	1900	18.07	7.85	9.21
5/27/2016	2000	18.02	7.84	9.18
5/27/2016	2100	17.97	7.85	9.22
5/27/2016	2200	17.92	7.80	9.00
5/27/2016	2300	17.88	7.81	9.09
5/28/2016	0	17.84	7.82	9.09
5/28/2016	100	17.82	7.80	8.99
5/28/2016	200	17.82	7.79	8.89
5/28/2016	300	17.83	7.82	9.19
5/28/2016	400	17.82	7.80	8.94
5/28/2016	500	17.82	7.82	9.19
5/28/2016	600	17.81	7.83	9.20
5/28/2016	700	17.81	7.82	9.18
5/28/2016	800	17.82	7.81	9.05
5/28/2016	900	17.85	7.82	9.13
5/28/2016	1000	17.89	7.82	8.99
5/28/2016	1100	17.93	7.80	8.94
5/28/2016	1200	18.06	7.83	9.01
5/28/2016	1300	18.22	7.84	9.13
5/28/2016	1400	18.36	7.84	9.05
5/28/2016	1500	18.53	7.86	9.12
5/28/2016	1600	18.70	7.88	9.22
5/28/2016	1700	18.81	7.87	9.19
5/28/2016	1800	18.90	7.90	9.23
5/28/2016	1900	18.88	7.88	9.19
5/28/2016	2000	18.83	7.89	9.21
5/28/2016	2100	18.74	7.89	9.28
5/28/2016	2200	18.62	7.88	9.26
5/28/2016	2300	18.46	7.84	9.10
5/29/2016	0	18.31	7.86	9.24
5/29/2016	100	18.21	7.84	9.17
5/29/2016	200	18.14	7.84	9.20
5/29/2016	300	18.09	7.86	9.31
5/29/2016	400	18.04	7.83	9.20
5/29/2016	500	17.99	7.81	9.09
5/29/2016	600	17.92	7.80	9.12
5/29/2016	700	17.88	7.82	9.20
5/29/2016	800	17.87	7.83	9.28
5/29/2016	900	17.89	7.85	9.37
5/29/2016	1000	17.98	7.83	9.28
5/29/2016	1100	18.15	7.85	9.32
5/29/2016	1200	18.19	7.82	9.20
5/29/2016	1300	18.24	7.84	9.30
5/29/2016	1400	18.35	7.84	9.31
5/29/2016	1500	18.42	7.82	9.26
5/29/2016	1600	18.51	7.85	9.28
5/29/2016	1700	18.62	7.86	9.29
5/29/2016	1800	18.66	7.85	9.27
5/29/2016	1900	18.66	7.85	9.30
5/29/2016	2000	18.59	7.85	9.31
5/29/2016	2100	18.49	7.86	9.28
5/29/2016	2200	18.37	7.85	9.25
5/29/2016	2300	18.26	7.85	9.27
5/30/2016	0	18.15	7.84	9.36
5/30/2016	100	18.05	7.82	9.21
5/30/2016	200	17.97	7.83	9.33
5/30/2016	300	17.89	7.81	9.28
5/30/2016	400	17.84	7.82	9.39
5/30/2016	500	17.76	7.82	9.43
5/30/2016	600	17.69	7.82	9.48
5/30/2016	700	17.65	7.81	9.37
5/30/2016	800	17.68	7.82	9.35
5/30/2016	900	17.77	7.81	9.43
5/30/2016	1000	17.96	7.83	9.46
5/30/2016	1100	18.19	7.83	9.45
5/30/2016	1200	18.46	7.84	9.37
5/30/2016	1300	18.72	7.84	9.37
5/30/2016	1400	18.96	7.86	9.34
5/30/2016	1500	19.09	7.87	9.36
5/30/2016	1600	19.26	7.85	9.27
5/30/2016	1700	19.21	7.86	9.28
5/30/2016	1800	19.17	7.85	9.32
5/30/2016	1900	19.14	7.85	9.33
5/30/2016	2000	18.96	7.82	9.25
5/30/2016	2100	18.79	7.83	9.35
5/30/2016	2200	18.64	7.83	9.38
5/30/2016	2300	18.49	7.81	9.30
5/31/2016	0	18.37	7.81	9.33
5/31/2016	100	18.23	7.81	9.31
5/31/2016	200	18.11	7.79	9.29
5/31/2016	300	18.02	7.80	9.35
5/31/2016	400	17.91	7.78	9.31
5/31/2016	500	17.83	7.80	9.37
5/31/2016	600	17.77	7.81	9.48
5/31/2016	700	17.72	7.78	9.33

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
5/31/2016	800	17.72	7.79	9.39
5/31/2016	900	17.75	7.79	9.31
5/31/2016	1000	17.89	7.80	9.38
5/31/2016	1100	18.10	7.82	9.44
5/31/2016	1200	18.38	7.83	9.39
5/31/2016	1300	18.67	7.83	9.39
5/31/2016	1400	18.98	7.77	9.09
5/31/2016	1500	19.17	7.80	9.09
5/31/2016	1600	19.30	7.82	9.10
5/31/2016	1700	19.33	7.83	9.10
5/31/2016	1800	19.25	7.83	9.13
5/31/2016	1900	19.09	7.79	8.96
5/31/2016	2000	18.93	7.80	9.04
5/31/2016	2100	18.77	7.80	9.06
5/31/2016	2200	18.65	7.79	9.04
5/31/2016	2300	18.58	7.78	8.99
6/1/2016	0	18.53	7.77	9.03
6/1/2016	100	18.50	7.76	8.95
6/1/2016	200	18.47	7.75	8.94
6/1/2016	300	18.42	7.75	8.95
6/1/2016	400	18.38	7.74	8.99
6/1/2016	500	18.33	7.76	9.02
6/1/2016	600	18.27	7.75	8.93
6/1/2016	700	18.20	7.74	8.94
6/1/2016	800	18.17	7.73	8.92
6/1/2016	900	18.16	7.75	9.01
6/1/2016	1000	18.17	7.76	9.06
6/1/2016	1100	18.24	7.74	8.86
6/1/2016	1200	18.35	7.74	8.92
6/1/2016	1300	18.60	7.76	8.85
6/1/2016	1400	18.90	7.76	8.91
6/1/2016	1500	19.20	7.78	8.93
6/1/2016	1600	19.36	7.78	8.82
6/1/2016	1700	19.46	7.77	8.75
6/1/2016	1800	19.57	7.77	8.80
6/1/2016	1900	19.53	7.78	8.82
6/1/2016	2000	19.42	7.76	8.75
6/1/2016	2100	19.25	7.75	8.74
6/1/2016	2200	19.08	7.74	8.71
6/1/2016	2300	18.91	7.76	8.84
6/2/2016	0	18.77	7.72	8.70
6/2/2016	100	18.62	7.70	8.57
6/2/2016	200	18.51	7.72	8.68
6/2/2016	300	18.42	7.71	8.63
6/2/2016	400	18.33	7.74	8.95
6/2/2016	500	18.24	7.70	8.61
6/2/2016	600	18.17	7.68	8.57
6/2/2016	700	18.12	7.70	8.64
6/2/2016	800	18.11	7.73	8.88
6/2/2016	900	18.15	7.70	8.75
6/2/2016	1000	18.24	7.71	8.71
6/2/2016	1100	18.36	7.72	8.64
6/2/2016	1200	18.56	7.75	8.86
6/2/2016	1300	18.81	7.75	8.80
6/2/2016	1400	18.99	7.75	8.75
6/2/2016	1500	19.17	7.73	8.68
6/2/2016	1600	19.41	7.76	8.80
6/2/2016	1700	19.40	7.76	8.79
6/2/2016	1800	19.32	7.76	8.71
6/2/2016	1900	19.28	7.78	8.79
6/2/2016	2000	19.26	7.75	8.81
6/2/2016	2100	19.16	7.77	8.83
6/2/2016	2200	18.98	7.73	8.65
6/2/2016	2300	18.86	7.72	8.65
6/3/2016	0	18.77	7.71	8.66
6/3/2016	100	18.69	7.72	8.69
6/3/2016	200	18.61	7.72	8.74
6/3/2016	300	18.54	7.73	8.75
6/3/2016	400	18.45	7.70	8.63
6/3/2016	500	18.37	7.70	8.73
6/3/2016	600	18.29	7.72	8.82
6/3/2016	700	18.24	7.70	8.65
6/3/2016	800	18.26	7.68	8.52
6/3/2016	900	18.28	7.66	8.36
6/3/2016	1000	18.49	7.66	8.37
6/3/2016	1100	18.68	7.68	8.41
6/3/2016	1200	18.98	7.71	8.55
6/3/2016	1300	19.31	7.70	8.50
6/3/2016	1400	19.54	7.74	8.62
6/3/2016	1500	19.78	7.70	8.49
6/3/2016	1600	19.91	7.70	8.45
6/3/2016	1700	20.04	7.71	8.48
6/3/2016	1800	20.08	7.71	8.46
6/3/2016	1900	19.94	7.68	8.38
6/3/2016	2000	19.73	7.67	8.35
6/3/2016	2100	19.52	7.66	8.31
6/3/2016	2200	19.29	7.65	8.25
6/3/2016	2300	19.14	7.64	8.22
6/4/2016	0	19.00	7.64	8.16
6/4/2016	100	18.95	7.63	8.14
6/4/2016	200	18.86	7.63	8.11
6/4/2016	300	18.80	7.62	8.09
6/4/2016	400	18.75	7.62	8.05
6/4/2016	500	18.71	7.62	8.02
6/4/2016	600	18.65	7.61	8.02
6/4/2016	700	18.63	7.61	7.98
6/4/2016	800	18.60	7.61	7.96
6/4/2016	900	18.55	7.60	7.92
6/4/2016	1000	18.51	7.60	7.91
6/4/2016	1100	18.47	7.60	7.92
6/4/2016	1200	18.45	7.60	7.93
6/4/2016	1300	18.44	7.61	7.93
6/4/2016	1400	18.53	7.61	7.92
6/4/2016	1500	18.65	7.61	7.93
6/4/2016	1600	18.74	7.62	7.96
6/4/2016	1700	18.84	7.71	8.36
6/4/2016	1800	18.92	7.70	8.45
6/4/2016	1900	19.02	7.68	8.23
6/4/2016	2000	19.04	7.70	8.46
6/4/2016	2100	18.96	7.69	8.34
6/4/2016	2200	18.85	7.65	8.16
6/4/2016	2300	18.76	7.66	8.24
6/5/2016	0	18.68	7.68	8.46
6/5/2016	100	18.62	7.68	8.42
6/5/2016	200	18.60	7.69	8.54
6/5/2016	300	18.60	7.67	8.32
6/5/2016	400	18.61	7.70	8.51
6/5/2016	500	18.63	7.70	8.54
6/5/2016	600	18.63	7.69	8.48
6/5/2016	700	18.61	7.70	8.46
6/5/2016	800	18.57	7.70	8.50
6/5/2016	900	18.54	7.66	8.28
6/5/2016	1000	18.55	7.70	8.42
6/5/2016	1100	18.56	7.69	8.42
6/5/2016	1200	18.61	7.70	8.36
6/5/2016	1300	18.69	7.68	8.31
6/5/2016	1400	18.88	7.71	8.41
6/5/2016	1500	19.11	7.72	8.41
6/5/2016	1600	19.27	7.72	8.44
6/5/2016	1700	19.38	7.73	8.38
6/5/2016	1800	19.35	7.75	8.52
6/5/2016	1900	19.24	7.73	8.50
6/5/2016	2000	19.09	7.71	8.32
6/5/2016	2100	18.84	7.71	8.43

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
6/5/2016	2200	18.56	7.71	8.42
6/5/2016	2300	18.36	7.71	8.47
6/6/2016	0	18.24	7.73	8.60
6/6/2016	100	18.15	7.72	8.61
6/6/2016	200	18.08	7.68	8.38
6/6/2016	300	18.04	7.69	8.44
6/6/2016	400	18.02	7.71	8.58
6/6/2016	500	17.97	7.72	8.62
6/6/2016	600	17.92	7.67	8.44
6/6/2016	700	17.89	7.67	8.40
6/6/2016	800	17.92	7.67	8.33
6/6/2016	900	17.96	7.70	8.45
6/6/2016	1000	18.10	7.71	8.51
6/6/2016	1100	18.29	7.72	8.56
6/6/2016	1200	18.38	7.73	8.53
6/6/2016	1300	18.43	7.73	8.53
6/6/2016	1400	18.63	7.75	8.60
6/6/2016	1500	18.77	7.75	8.54
6/6/2016	1600	18.72	7.76	8.64
6/6/2016	1700	18.61	7.74	8.37
6/6/2016	1800	18.51	7.75	8.64
6/6/2016	1900	18.40	7.73	8.49
6/6/2016	2000	18.24	7.74	8.67
6/6/2016	2100	18.03	7.74	8.57
6/6/2016	2200	17.89	7.76	8.82
6/6/2016	2300	17.79	7.75	8.83
6/7/2016	0	17.71	7.72	8.54
6/7/2016	100	17.66	7.69	8.32
6/7/2016	200	17.62	7.72	8.68
6/7/2016	300	17.59	7.71	8.62
6/7/2016	400	17.53	7.71	8.50
6/7/2016	500	17.45	7.73	8.61
6/7/2016	600	17.38	7.72	8.69
6/7/2016	700	17.31	7.73	8.79
6/7/2016	800	17.26	7.72	8.72
6/7/2016	900	17.21	7.72	8.63
6/7/2016	1000	17.21	7.74	8.73
6/7/2016	1100	17.22	7.73	8.77
6/7/2016	1200	17.23	7.75	8.90
6/7/2016	1300	17.27	7.78	9.00
6/7/2016	1400	17.38	7.78	9.01
6/7/2016	1500	17.52	7.77	8.92
6/7/2016	1600	17.65	7.77	8.79
6/7/2016	1700	17.73	7.76	8.69
6/7/2016	1800	17.80	7.79	8.88
6/7/2016	1900	17.80	7.76	8.72
6/7/2016	2000	17.72	7.75	8.63
6/7/2016	2100	17.58	7.77	8.84
6/7/2016	2200	17.45	7.77	8.93
6/7/2016	2300	17.28	7.74	8.92
6/8/2016	0	17.11	7.73	8.77
6/8/2016	100	17.01	7.77	9.05
6/8/2016	200	16.93	7.74	9.03
6/8/2016	300	16.84	7.74	8.82
6/8/2016	400	16.77	7.73	8.82
6/8/2016	500	16.69	7.75	9.05
6/8/2016	600	16.61	7.73	8.67
6/8/2016	700	16.57	7.70	8.65
6/8/2016	800	16.58	7.71	8.60
6/8/2016	900	16.64	7.74	8.80
6/8/2016	1000	16.80	7.74	8.80
6/8/2016	1100	17.02	7.77	8.88
6/8/2016	1200	17.34	7.76	8.86
6/8/2016	1300	17.65	7.77	8.81
6/8/2016	1400	17.95	7.77	8.81
6/8/2016	1500	18.18	7.79	8.86
6/8/2016	1600	18.33	7.79	8.87
6/8/2016	1700	18.35	7.77	8.83
6/8/2016	1800	18.33	7.78	8.78
6/8/2016	1900	18.19	7.79	8.86
6/8/2016	2000	17.99	7.77	8.90
6/8/2016	2100	17.78	7.75	8.79
6/8/2016	2200	17.58	7.73	8.66
6/8/2016	2300	17.37	7.75	8.84
6/9/2016	0	17.19	7.73	8.77
6/9/2016	100	17.04	7.73	8.90
6/9/2016	200	16.96	7.71	8.73
6/9/2016	300	16.92	7.72	8.79
6/9/2016	400	16.89	7.71	8.76
6/9/2016	500	16.86	7.72	8.85
6/9/2016	600	16.86	7.77	9.55
6/9/2016	700	14.58	7.31	9.84
6/9/2016	800	17.79	7.79	9.35
6/9/2016	900			
6/9/2016	1000			
6/9/2016	1100			
6/9/2016	1200			
6/9/2016	1300			
6/9/2016	1400			
6/9/2016	1500			
6/9/2016	1600			
6/9/2016	1700			
6/9/2016	1800			
6/9/2016	1900			
6/9/2016	2000			
6/9/2016	2100			
6/9/2016	2200			
6/9/2016	2300			
6/10/2016	0			
6/10/2016	100			
6/10/2016	200			
6/10/2016	300			
6/10/2016	400			
6/10/2016	500			
6/10/2016	600			
6/10/2016	700			
6/10/2016	800			
6/10/2016	900			
6/10/2016	1000			
6/10/2016	1100			
6/10/2016	1200			
6/10/2016	1300			
6/10/2016	1400			
6/10/2016	1500			
6/10/2016	1600			
6/10/2016	1700			
6/10/2016	1800			
6/10/2016	1900			
6/10/2016	2000			
6/10/2016	2100			
6/10/2016	2200			
6/10/2016	2300			
6/11/2016	0			
6/11/2016	100			
6/11/2016	200			
6/11/2016	300			
6/11/2016	400			
6/11/2016	500			
6/11/2016	600			
6/11/2016	700			
6/11/2016	800			
6/11/2016	900			
6/11/2016	1000			
6/11/2016	1100			

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
6/11/2016	1200			
6/11/2016	1300			
6/11/2016	1400			
6/11/2016	1500			
6/11/2016	1600			
6/11/2016	1700			
6/11/2016	1800			
6/11/2016	1900			
6/11/2016	2000			
6/11/2016	2100			
6/11/2016	2200			
6/11/2016	2300			
6/12/2016	0			
6/12/2016	100			
6/12/2016	200			
6/12/2016	300			
6/12/2016	400			
6/12/2016	500			
6/12/2016	600			
6/12/2016	700			
6/12/2016	800			
6/12/2016	900			
6/12/2016	1000			
6/12/2016	1100			
6/12/2016	1200			
6/12/2016	1300			
6/12/2016	1400			
6/12/2016	1500			
6/12/2016	1600			
6/12/2016	1700			
6/12/2016	1800			
6/12/2016	1900			
6/12/2016	2000			
6/12/2016	2100			
6/12/2016	2200			
6/12/2016	2300			
6/13/2016	0			
6/13/2016	100			
6/13/2016	200			
6/13/2016	300			
6/13/2016	400			
6/13/2016	500			
6/13/2016	600			
6/13/2016	700			
6/13/2016	800			
6/13/2016	900			
6/13/2016	1000			
6/13/2016	1100			
6/13/2016	1200			
6/13/2016	1300			
6/13/2016	1400			
6/13/2016	1500			
6/13/2016	1600			
6/13/2016	1700			
6/13/2016	1800			
6/13/2016	1900			
6/13/2016	2000			
6/13/2016	2100			
6/13/2016	2200			
6/13/2016	2300			
6/14/2016	0			
6/14/2016	100			
6/14/2016	200			
6/14/2016	300			
6/14/2016	400			
6/14/2016	500			
6/14/2016	600			
6/14/2016	700			
6/14/2016	800			
6/14/2016	900			
6/14/2016	1000			
6/14/2016	1100			
6/14/2016	1200			
6/14/2016	1300			
6/14/2016	1400			
6/14/2016	1500	19.97	6.68	7.88
6/14/2016	1600	20.08	6.58	7.90
6/14/2016	1700	20.19	7.94	7.92
6/14/2016	1800	20.26	8.20	7.94
6/14/2016	1900	20.33	8.34	7.97
6/14/2016	2000	20.32	8.80	7.98
6/14/2016	2100	20.24	9.05	7.95
6/14/2016	2200	20.12	8.96	7.94
6/14/2016	2300	19.99	9.29	7.92
6/15/2016	0	19.83	9.24	7.90
6/15/2016	100	19.64	9.62	7.91
6/15/2016	200	19.47	8.06	7.88
6/15/2016	300	19.30	8.15	7.86
6/15/2016	400	19.18	8.18	7.81
6/15/2016	500	19.14	8.19	7.75
6/15/2016	600	19.12	8.66	7.66
6/15/2016	700	19.11	8.76	7.63
6/15/2016	800	19.10	8.87	7.63
6/15/2016	900	19.10	8.99	7.62
6/15/2016	1000	19.09	8.86	7.62
6/15/2016	1100	19.09	9.12	7.62
6/15/2016	1200	19.09	8.67	7.61
6/15/2016	1300	19.11	8.89	7.59
6/15/2016	1400	19.14	8.85	7.57
6/15/2016	1500	19.18	8.78	7.59
6/15/2016	1600	19.22	8.76	7.59
6/15/2016	1700	19.24	9.22	7.59
6/15/2016	1800	19.24	9.26	7.58
6/15/2016	1900	19.22	9.34	7.59
6/15/2016	2000	19.20	9.58	7.62
6/15/2016	2100	19.17	9.07	7.60
6/15/2016	2200	19.11	9.49	7.58
6/15/2016	2300	19.05	9.91	7.59
6/16/2016	0	18.97	9.57	7.55
6/16/2016	100	18.89	9.37	7.55
6/16/2016	200	18.82	9.36	7.53
6/16/2016	300	18.76	9.61	7.53
6/16/2016	400	18.69	9.51	7.51
6/16/2016	500	18.63	9.44	7.52
6/16/2016	600	18.59	9.14	7.48
6/16/2016	700	18.58	9.23	7.46
6/16/2016	800	18.58	9.77	7.47
6/16/2016	900	18.61	8.87	7.49
6/16/2016	1000	18.66	9.42	7.52
6/16/2016	1100	18.77	9.14	7.54
6/16/2016	1200	18.91	9.93	7.53
6/16/2016	1300	19.15	8.97	7.52
6/16/2016	1400	19.43	9.12	7.53
6/16/2016	1500	19.72	9.25	7.53
6/16/2016	1600	19.87	8.91	7.60
6/16/2016	1700	20.01	11.30	7.61
6/16/2016	1800	20.11	11.10	7.64
6/16/2016	1900	20.17	11.37	7.72
6/16/2016	2000	20.08	11.05	7.73
6/16/2016	2100	19.89	11.43	7.72
6/16/2016	2200	19.66	10.69	7.69
6/16/2016	2300	19.41	8.66	7.63
6/17/2016	0	19.19	11.33	7.60
6/17/2016	100	18.97	11.36	7.57

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
6/17/2016	200	18.79	11.34	7.52
6/17/2016	300	18.66	11.72	7.47
6/17/2016	400	18.59	11.49	7.46
6/17/2016	500	18.54	11.15	7.45
6/17/2016	600	18.50	10.58	7.44
6/17/2016	700	18.50	10.66	7.40
6/17/2016	800	18.56	8.70	7.39
6/17/2016	900	18.68	11.79	7.37
6/17/2016	1000	18.89	11.79	7.39
6/17/2016	1100	19.15	11.72	7.39
6/17/2016	1200	19.47	11.67	7.42
6/17/2016	1300	19.80	11.48	7.45
6/17/2016	1400	20.11	11.06	7.50
6/17/2016	1500	20.42	11.33	7.54
6/17/2016	1600	20.74	11.00	7.56
6/17/2016	1700	20.97	11.16	7.62
6/17/2016	1800	21.12	11.33	7.65
6/17/2016	1900	21.12	11.40	7.67
6/17/2016	2000	21.01	11.59	7.65
6/17/2016	2100	20.80	10.53	7.63
6/17/2016	2200	20.57	11.39	7.59
6/17/2016	2300	20.33	11.57	7.56
6/18/2016	0	20.10	11.84	7.51
6/18/2016	100	19.89	11.97	7.51
6/18/2016	200	19.71	12.07	7.48
6/18/2016	300	19.56	12.04	7.48
6/18/2016	400	19.47	12.07	7.44
6/18/2016	500	19.41	12.16	7.47
6/18/2016	600	19.38	12.03	7.42
6/18/2016	700	19.37	11.79	7.41
6/18/2016	800	19.39	12.17	7.45
6/18/2016	900	19.47	12.06	7.46
6/18/2016	1000	19.61	11.97	7.44
6/18/2016	1100	19.80	9.64	7.45
6/18/2016	1200	20.07	11.82	7.47
6/18/2016	1300	20.29	11.77	7.50
6/18/2016	1400	20.48	11.73	7.56
6/18/2016	1500	20.59	11.78	7.61
6/18/2016	1600	20.83	11.59	7.69
6/18/2016	1700	21.06	11.77	7.66
6/18/2016	1800	21.19	11.36	7.73
6/18/2016	1900	21.27	9.70	7.75
6/18/2016	2000	21.23	9.59	7.72
6/18/2016	2100	21.11	11.67	7.71
6/18/2016	2200	21.00	11.71	7.69
6/18/2016	2300	20.89	11.81	7.67
6/19/2016	0	20.80	9.09	7.66
6/19/2016	100	20.70	11.78	7.74
6/19/2016	200	20.59	11.82	7.80
6/19/2016	300	20.44	11.69	7.77
6/19/2016	400	20.32	7.95	7.77
6/19/2016	500	20.24	11.85	7.74
6/19/2016	600	20.16	11.85	7.72
6/19/2016	700	20.10	11.82	7.75
6/19/2016	800	20.11	7.96	7.79
6/19/2016	900	20.19	11.21	7.76
6/19/2016	1000	20.32	10.89	7.77
6/19/2016	1100	20.52	7.84	7.80
6/19/2016	1200	20.78	9.32	7.82
6/19/2016	1300	21.02	10.60	7.88
6/19/2016	1400	21.29	8.14	7.90
6/19/2016	1500	21.55	7.93	7.94
6/19/2016	1600	21.81	10.87	8.03
6/19/2016	1700	22.02	10.89	8.06
6/19/2016	1800	22.16	10.96	8.08
6/19/2016	1900	22.21	7.99	8.09
6/19/2016	2000	22.23	10.36	8.12
6/19/2016	2100	22.19	10.99	8.13
6/19/2016	2200	22.11	11.01	8.14
6/19/2016	2300	22.02	11.04	8.08
6/20/2016	0	21.90	7.97	8.04
6/20/2016	100	21.76	10.41	8.02
6/20/2016	200	21.61	10.89	7.94
6/20/2016	300	21.44	10.99	7.86
6/20/2016	400	21.28	10.97	7.79
6/20/2016	500	21.17	7.97	7.73
6/20/2016	600	21.09	7.94	7.69
6/20/2016	700	21.03	7.99	7.66
6/20/2016	800	21.04	8.03	7.69
6/20/2016	900	21.10	8.40	7.70
6/20/2016	1000	21.22	8.37	7.71
6/20/2016	1100	21.39	8.52	7.77
6/20/2016	1200	21.60	7.86	7.78
6/20/2016	1300	21.83	8.50	7.83
6/20/2016	1400	22.04	8.68	7.94
6/20/2016	1500	22.22	8.28	7.97
6/20/2016	1600	22.39	8.25	8.05
6/20/2016	1700	22.49	8.14	8.12
6/20/2016	1800	22.54	9.52	8.14
6/20/2016	1900	22.57	8.95	8.18
6/20/2016	2000	22.48	8.37	8.18
6/20/2016	2100	22.35	8.00	8.16
6/20/2016	2200	22.19	7.92	8.14
6/20/2016	2300	22.04	9.52	8.11
6/21/2016	0	21.85	9.02	8.04
6/21/2016	100	21.69	8.65	7.98
6/21/2016	200	21.51	7.84	7.92
6/21/2016	300	21.34	7.91	7.82
6/21/2016	400	21.18	7.86	7.79
6/21/2016	500	21.06	7.85	7.73
6/21/2016	600	20.97	7.82	7.65
6/21/2016	700	20.91	7.87	7.62
6/21/2016	800	20.91	7.88	7.56
6/21/2016	900	20.99	7.84	7.56
6/21/2016	1000	21.15	7.86	7.56
6/21/2016	1100	21.35	7.88	7.64
6/21/2016	1200	21.55	7.88	7.65
6/21/2016	1300	21.71	7.85	7.71
6/21/2016	1400	21.83	7.94	7.69
6/21/2016	1500	22.02	7.88	7.76
6/21/2016	1600	22.22	7.87	7.81
6/21/2016	1700	22.39	8.29	7.88
6/21/2016	1800	22.48	8.55	7.93
6/21/2016	1900	22.52	8.04	7.98
6/21/2016	2000	22.51	8.00	7.96
6/21/2016	2100	22.38	7.96	7.92
6/21/2016	2200	22.24	8.62	7.89
6/21/2016	2300	22.07	8.63	7.82
6/22/2016	0	21.91	8.56	7.82
6/22/2016	100	21.76	7.98	7.81
6/22/2016	200	21.58	7.96	7.75
6/22/2016	300	21.41	9.56	7.70
6/22/2016	400	21.23	10.28	7.65
6/22/2016	500	21.08	10.06	7.61
6/22/2016	600	20.95	10.11	7.55
6/22/2016	700	20.86	7.90	7.46
6/22/2016	800	20.81	11.25	7.58
6/22/2016	900	20.84	11.34	7.52
6/22/2016	1000	20.94	11.30	7.54
6/22/2016	1100	21.13	11.31	7.58
6/22/2016	1200	21.39	11.03	7.62
6/22/2016	1300	21.68	7.96	7.67
6/22/2016	1400	22.00	7.99	7.73
6/22/2016	1500	22.33	7.97	7.80

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
6/22/2016	1600	22.60	10.74	7.87
6/22/2016	1700	22.85	10.71	7.95
6/22/2016	1800	23.05	10.78	8.01
6/22/2016	1900	23.08	10.67	8.06
6/22/2016	2000	23.12	8.06	8.08
6/22/2016	2100	23.09	8.01	8.12
6/22/2016	2200	23.01	11.08	8.08
6/22/2016	2300	22.89	11.21	8.03
6/23/2016	0	22.68	11.17	7.98
6/23/2016	100	22.43	11.39	7.94
6/23/2016	200	22.14	10.87	7.88
6/23/2016	300	21.82	8.01	7.83
6/23/2016	400	21.53	7.96	7.66
6/23/2016	500	21.29	7.91	7.65
6/23/2016	600	21.16	7.93	7.58
6/23/2016	700	21.07	7.79	7.53
6/23/2016	800	21.06	7.93	7.53
6/23/2016	900	21.12	7.96	7.47
6/23/2016	1000	21.26	7.98	7.53
6/23/2016	1100	21.45	7.98	7.54
6/23/2016	1200	21.73	8.00	7.60
6/23/2016	1300	22.02	8.00	7.62
6/23/2016	1400	22.37	8.02	7.70
6/23/2016	1500	22.68	8.01	7.79
6/23/2016	1600	22.92	8.68	7.84
6/23/2016	1700	23.16	9.61	7.94
6/23/2016	1800	23.32	8.05	7.96
6/23/2016	1900	23.43	8.05	8.05
6/23/2016	2000	23.42	8.04	8.06
6/23/2016	2100	23.33	8.08	8.05
6/23/2016	2200	23.21	8.08	8.07
6/23/2016	2300	23.06	8.02	8.00
6/24/2016	0	22.84	8.01	7.99
6/24/2016	100	22.59	7.99	7.97
6/24/2016	200	22.30	8.00	7.92
6/24/2016	300	21.97	8.02	7.77
6/24/2016	400	21.68	7.96	7.74
6/24/2016	500	21.45	8.01	7.64
6/24/2016	600	21.28	7.97	7.57
6/24/2016	700	21.21	8.00	7.58
6/24/2016	800	21.20	8.04	7.49
6/24/2016	900	21.27	7.99	7.53
6/24/2016	1000	21.44	8.02	7.53
6/24/2016	1100	21.68	8.04	7.58
6/24/2016	1200	21.96	8.06	7.66
6/24/2016	1300	22.28	8.03	7.68
6/24/2016	1400	22.61	8.06	7.74
6/24/2016	1500	22.89	8.07	7.85
6/24/2016	1600	23.17	8.09	7.95
6/24/2016	1700	23.39	8.11	8.01
6/24/2016	1800	23.55	8.13	8.06
6/24/2016	1900	23.63	8.09	8.11
6/24/2016	2000	23.65	8.10	8.16
6/24/2016	2100	23.59	8.13	8.12
6/24/2016	2200	23.46	8.15	8.11
6/24/2016	2300	23.30	8.15	8.09
6/25/2016	0	23.14	8.14	8.03
6/25/2016	100	22.95	8.11	7.93
6/25/2016	200	22.73	8.06	7.87
6/25/2016	300	22.48	8.08	7.84
6/25/2016	400	22.25	8.08	7.77
6/25/2016	500	22.05	8.14	7.65
6/25/2016	600	21.89	8.09	7.61
6/25/2016	700	21.80	7.99	7.56
6/25/2016	800	21.76	8.12	7.49
6/25/2016	900	21.80	8.14	7.49
6/25/2016	1000	21.91	8.13	7.50
6/25/2016	1100	22.07	8.02	7.57
6/25/2016	1200	22.30	8.17	7.62
6/25/2016	1300	22.56	8.15	7.66
6/25/2016	1400	22.79	8.13	7.73
6/25/2016	1500	22.98	8.16	7.81
6/25/2016	1600	23.20	8.16	7.92
6/25/2016	1700	23.37	8.15	7.90
6/25/2016	1800	23.47	8.18	7.98
6/25/2016	1900	23.52	8.20	7.96
6/25/2016	2000	23.50	8.19	7.98
6/25/2016	2100	23.46	8.18	7.99
6/25/2016	2200	23.37	8.14	7.94
6/25/2016	2300	23.26	8.19	7.91
6/26/2016	0	23.10	8.17	7.93
6/26/2016	100	22.91	8.19	7.86
6/26/2016	200	22.69	8.23	7.77
6/26/2016	300	22.48	8.26	7.70
6/26/2016	400	22.28	8.18	7.65
6/26/2016	500	22.11	8.15	7.56
6/26/2016	600	22.04	8.22	7.53
6/26/2016	700	22.02	8.13	7.49
6/26/2016	800	22.04	8.12	7.53
6/26/2016	900	22.10	8.20	7.48
6/26/2016	1000	22.24	8.16	7.49
6/26/2016	1100	22.46	8.18	7.56
6/26/2016	1200	22.72	8.21	7.59
6/26/2016	1300	22.99	8.22	7.62
6/26/2016	1400	23.26	8.24	7.72
6/26/2016	1500	23.51	8.26	7.82
6/26/2016	1600	23.71	8.27	7.87
6/26/2016	1700	23.91	8.17	7.94
6/26/2016	1800	24.03	8.26	8.10
6/26/2016	1900	24.09	8.28	8.14
6/26/2016	2000	24.05	8.48	8.16
6/26/2016	2100	24.00	8.35	8.18
6/26/2016	2200	23.88	8.30	8.18
6/26/2016	2300	23.73	8.33	8.13
6/27/2016	0	23.58	8.34	8.10
6/27/2016	100	23.40	8.28	8.03
6/27/2016	200	23.20	8.32	7.94
6/27/2016	300	22.98	8.26	7.83
6/27/2016	400	22.75	8.31	7.67
6/27/2016	500	22.56	8.24	7.63
6/27/2016	600	22.38	8.23	7.50
6/27/2016	700	22.30	8.22	7.48
6/27/2016	800	22.24	8.24	7.40
6/27/2016	900	22.22	8.25	7.42
6/27/2016	1000	22.26	8.26	7.39
6/27/2016	1100	22.34	8.20	7.47
6/27/2016	1200	22.42	8.28	7.51
6/27/2016	1300	22.49	8.27	7.52
6/27/2016	1400	22.54	8.29	7.59
6/27/2016	1500	22.60	8.18	7.72
6/27/2016	1600	22.65	8.32	7.74
6/27/2016	1700	22.71	8.38	7.86
6/27/2016	1800	22.70	8.37	7.94
6/27/2016	1900	22.65	8.47	7.95
6/27/2016	2000	22.55	8.40	7.95
6/27/2016	2100	22.43	8.35	7.90
6/27/2016	2200	22.29	8.38	7.92
6/27/2016	2300	22.16	8.34	7.90
6/28/2016	0	22.01	8.32	7.87
6/28/2016	100	21.89	8.30	7.82
6/28/2016	200	21.76	8.34	7.75
6/28/2016	300	21.61	8.35	7.69
6/28/2016	400	21.47	8.23	7.58
6/28/2016	500	21.34	8.33	7.56

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
6/28/2016	600	21.24	8.30	7.48
6/28/2016	700	21.14	8.34	7.45
6/28/2016	800	21.12	8.35	7.45
6/28/2016	900	21.18	8.25	7.46
6/28/2016	1000	21.33	8.39	7.50
6/28/2016	1100	21.56	8.34	7.59
6/28/2016	1200			
6/28/2016	1300	22.13	7.63	7.71
6/28/2016	1400	22.45	7.71	7.82
6/28/2016	1500	22.79	7.71	7.94
6/28/2016	1600	23.11	7.79	8.06
6/28/2016	1700	23.39	7.81	8.17
6/28/2016	1800	23.59	7.85	8.27
6/28/2016	1900	23.72	7.85	8.31
6/28/2016	2000	23.73	7.84	8.30
6/28/2016	2100	23.65	7.85	8.28
6/28/2016	2200	23.52	7.85	8.21
6/28/2016	2300	23.31	7.84	8.16
6/29/2016	0	23.01	7.82	8.07
6/29/2016	100	22.68	7.75	7.95
6/29/2016	200	22.34	7.75	7.82
6/29/2016	300	22.02	7.76	7.71
6/29/2016	400	21.77	7.68	7.60
6/29/2016	500	21.60	7.71	7.52
6/29/2016	600	21.49	7.72	7.45
6/29/2016	700	21.41	7.69	7.41
6/29/2016	800	21.40	7.71	7.41
6/29/2016	900	21.47	7.75	7.40
6/29/2016	1000	21.62	7.71	7.45
6/29/2016	1100	21.84	7.73	7.50
6/29/2016	1200	22.13	7.75	7.57
6/29/2016	1300	22.41	7.77	7.64
6/29/2016	1400	22.65	7.81	7.72
6/29/2016	1500	22.95	7.80	7.81
6/29/2016	1600	23.28	7.96	7.93
6/29/2016	1700			
6/29/2016	1800	23.75	7.90	8.13
6/29/2016	1900	23.82	7.94	8.19
6/29/2016	2000	23.87	7.93	8.23
6/29/2016	2100	23.81	7.93	8.23
6/29/2016	2200	23.67	7.92	8.22
6/29/2016	2300	23.48	7.91	8.15
6/30/2016	0	23.24	7.91	8.08
6/30/2016	100	22.98	7.88	7.99
6/30/2016	200	22.72	7.86	7.93
6/30/2016	300	22.45	7.83	7.81
6/30/2016	400	22.21	7.82	7.71
6/30/2016	500	21.99	7.81	7.60
6/30/2016	600	21.83	7.87	7.50
6/30/2016	700	21.73	7.76	7.44
6/30/2016	800	21.71	7.79	7.41
6/30/2016	900	21.76	7.81	7.42
6/30/2016	1000	21.89	7.76	7.47
6/30/2016	1100	22.09	7.81	7.53
6/30/2016	1200	22.29	7.82	7.58
6/30/2016	1300	22.45	7.84	7.65
6/30/2016	1400	22.53	7.84	7.70
6/30/2016	1500	22.55	7.87	7.78
6/30/2016	1600	22.57	7.88	7.81
6/30/2016	1700	22.63	7.88	7.86
6/30/2016	1800	22.73	7.91	7.91
6/30/2016	1900	22.80	7.91	8.00
6/30/2016	2000	22.79	7.92	8.01
6/30/2016	2100	22.69	7.90	7.97
6/30/2016	2200	22.54	7.92	7.92
6/30/2016	2300	22.34	7.92	7.89
7/1/2016	0	22.09	7.87	7.83
7/1/2016	100	21.84	7.87	7.76
7/1/2016	200	21.62	7.87	7.69
7/1/2016	300	21.41	7.84	7.62
7/1/2016	400	21.19	8.12	7.56
7/1/2016	500	21.03	9.27	7.52
7/1/2016	600	20.88	9.28	7.49
7/1/2016	700	20.75	9.96	7.46
7/1/2016	800	20.67	10.10	7.48
7/1/2016	900	20.67	7.60	7.50
7/1/2016	1000	20.77	7.75	7.56
7/1/2016	1100	20.92	8.20	7.61
7/1/2016	1200	21.15	8.15	7.69
7/1/2016	1300	21.39	8.72	7.80
7/1/2016	1400	21.66	9.07	7.91
7/1/2016	1500	21.92	9.38	8.02
7/1/2016	1600	22.20	9.58	8.12
7/1/2016	1700	22.40	9.06	8.23
7/1/2016	1800	22.56	9.09	8.29
7/1/2016	1900	22.68	9.17	8.35
7/1/2016	2000	22.72	9.25	8.37
7/1/2016	2100	22.75	9.16	8.37
7/1/2016	2200	22.70	9.08	8.35
7/1/2016	2300	22.60	9.24	8.31
7/2/2016	0	22.42	9.16	8.28
7/2/2016	100	22.17	9.40	8.22
7/2/2016	200	21.88	9.40	8.10
7/2/2016	300	21.61	9.51	8.01
7/2/2016	400	21.31	9.58	7.89
7/2/2016	500	21.03	9.62	7.79
7/2/2016	600	20.87	9.57	7.68
7/2/2016	700	20.77	9.77	7.62
7/2/2016	800	20.73	9.70	7.58
7/2/2016	900	20.77	9.80	7.60
7/2/2016	1000	20.91	9.55	7.65
7/2/2016	1100	21.12	9.51	7.71
7/2/2016	1200	21.38	9.57	7.81
7/2/2016	1300	21.67	9.41	7.91
7/2/2016	1400	21.98	9.41	8.01
7/2/2016	1500	22.29	9.19	8.13
7/2/2016	1600	22.59	9.44	8.25
7/2/2016	1700	22.76	8.32	8.34
7/2/2016	1800	22.90	9.39	8.43
7/2/2016	1900	23.02	9.39	8.50
7/2/2016	2000	23.11	9.49	8.51
7/2/2016	2100	23.08	9.50	8.52
7/2/2016	2200	23.03	9.62	8.46
7/2/2016	2300	22.95	9.59	8.40
7/3/2016	0	22.82	9.40	8.40
7/3/2016	100	22.63	9.11	8.33
7/3/2016	200	22.37	9.27	8.24
7/3/2016	300	22.06	9.63	8.12
7/3/2016	400	21.78	9.50	7.97
7/3/2016	500	21.52	9.23	7.85
7/3/2016	600	21.28	9.58	7.75
7/3/2016	700	21.12	7.54	7.66
7/3/2016	800	21.07	9.64	7.62
7/3/2016	900	21.13	9.76	7.62
7/3/2016	1000	21.27	9.73	7.66
7/3/2016	1100	21.49	9.65	7.70
7/3/2016	1200	21.74	9.36	7.78
7/3/2016	1300	21.99	9.51	7.85
7/3/2016	1400	22.22	9.44	7.93
7/3/2016	1500	22.42	9.44	8.01
7/3/2016	1600	22.60	9.27	8.11
7/3/2016	1700	22.75	9.21	8.21
7/3/2016	1800	22.89	9.26	8.27
7/3/2016	1900	23.07	9.33	8.36

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
7/3/2016	2000	23.20	9.34	8.41
7/3/2016	2100	23.17	9.34	8.39
7/3/2016	2200	23.04	9.36	8.38
7/3/2016	2300	22.89	9.36	8.33
7/4/2016	0	22.74	9.28	8.28
7/4/2016	100	22.55	9.50	8.23
7/4/2016	200	22.34	9.56	8.17
7/4/2016	300	22.11	9.66	8.08
7/4/2016	400	21.86	9.61	7.96
7/4/2016	500	21.63	9.52	7.87
7/4/2016	600	21.46	9.61	7.76
7/4/2016	700	21.35	9.48	7.68
7/4/2016	800	21.32	9.89	7.65
7/4/2016	900	21.35	9.65	7.63
7/4/2016	1000	21.46	9.87	7.67
7/4/2016	1100	21.63	9.84	7.72
7/4/2016	1200	21.83	9.84	7.78
7/4/2016	1300	22.09	9.67	7.87
7/4/2016	1400	22.35	9.59	7.95
7/4/2016	1500	22.64	9.82	8.08
7/4/2016	1600	22.89	9.71	8.17
7/4/2016	1700	23.15	9.47	8.30
7/4/2016	1800	23.33	9.45	8.39
7/4/2016	1900	23.42	9.51	8.41
7/4/2016	2000	23.47	9.37	8.47
7/4/2016	2100	23.43	9.54	8.45
7/4/2016	2200	23.36	9.38	8.45
7/4/2016	2300	23.28	9.72	8.43
7/5/2016	0	23.14	9.62	8.39
7/5/2016	100	22.97	9.61	8.32
7/5/2016	200	22.73	8.37	8.19
7/5/2016	300	22.47	8.33	8.07
7/5/2016	400	22.25	8.32	7.94
7/5/2016	500	22.05	8.23	7.80
7/5/2016	600	21.90	8.22	7.68
7/5/2016	700	21.83	8.24	7.62
7/5/2016	800	21.81	9.96	7.56
7/5/2016	900	21.84	9.83	7.57
7/5/2016	1000	21.96	8.15	7.58
7/5/2016	1100	22.16	8.17	7.64
7/5/2016	1200	22.42	8.23	7.69
7/5/2016	1300	22.67	7.99	7.75
7/5/2016	1400	22.93	7.95	7.84
7/5/2016	1500	23.15	8.12	7.88
7/5/2016	1600	23.38	10.14	7.98
7/5/2016	1700	23.65	9.17	8.10
7/5/2016	1800	23.86	8.36	8.16
7/5/2016	1900	23.98	8.25	8.21
7/5/2016	2000	24.04	8.23	8.22
7/5/2016	2100	24.08	8.34	8.24
7/5/2016	2200	24.06	8.38	8.24
7/5/2016	2300	24.01	9.47	8.26
7/6/2016	0	23.95	9.22	8.19
7/6/2016	100	23.91	9.28	8.16
7/6/2016	200	23.84	9.37	8.12
7/6/2016	300	23.74	9.37	8.05
7/6/2016	400	23.64	9.43	8.01
7/6/2016	500	23.52	9.37	7.88
7/6/2016	600	23.40	9.46	7.76
7/6/2016	700	23.28	9.44	7.63
7/6/2016	800	23.11	9.48	7.48
7/6/2016	900	23.05	9.46	7.42
7/6/2016	1000	23.02	9.35	7.35
7/6/2016	1100	23.08	9.65	7.29
7/6/2016	1200	23.20	9.52	7.26
7/6/2016	1300	23.42	9.58	7.28
7/6/2016	1400	23.67	9.58	7.31
7/6/2016	1500	23.89	9.37	7.36
7/6/2016	1600	24.05	9.38	7.39
7/6/2016	1700	24.24	9.35	7.44
7/6/2016	1800	24.32	9.42	7.49
7/6/2016	1900	24.32	9.39	7.57
7/6/2016	2000	24.27	9.65	7.60
7/6/2016	2100	24.22	9.46	7.65
7/6/2016	2200	24.20	9.26	7.67
7/6/2016	2300	24.18	9.45	7.68
7/7/2016	0	24.18	9.48	7.70
7/7/2016	100	24.17	9.52	7.68
7/7/2016	200	24.10	9.62	7.66
7/7/2016	300	23.99	9.52	7.62
7/7/2016	400	23.83	9.54	7.58
7/7/2016	500	23.61	9.54	7.51
7/7/2016	600	23.39	9.67	7.38
7/7/2016	700	23.19	9.73	7.28
7/7/2016	800	23.01	9.73	7.19
7/7/2016	900	22.88	9.75	7.13
7/7/2016	1000	22.83	9.78	7.07
7/7/2016	1100	22.83	9.78	7.04
7/7/2016	1200	22.85	9.76	7.02
7/7/2016	1300	22.88	9.78	7.04
7/7/2016	1400	22.91	9.82	7.03
7/7/2016	1500	22.93	9.88	7.03
7/7/2016	1600	22.95	9.56	7.05
7/7/2016	1700	23.00	9.82	7.04
7/7/2016	1800	23.05	9.75	7.12
7/7/2016	1900	23.12	9.80	7.19
7/7/2016	2000	23.18	9.83	7.27
7/7/2016	2100	23.24	9.70	7.33
7/7/2016	2200	23.28	9.81	7.36
7/7/2016	2300	23.29	9.70	7.37
7/8/2016	0	23.29	9.80	7.37
7/8/2016	100	23.25	9.78	7.31
7/8/2016	200	23.18	9.84	7.26
7/8/2016	300	23.10	9.86	7.18
7/8/2016	400	23.03	9.88	7.15
7/8/2016	500	22.94	9.90	7.06
7/8/2016	600	22.85	9.81	6.97
7/8/2016	700	22.78	10.06	6.92
7/8/2016	800	22.73	9.96	6.85
7/8/2016	900	22.71	9.94	6.80
7/8/2016	1000	22.76	9.95	6.75
7/8/2016	1100			
7/8/2016	1200	23.00	7.51	6.84
7/8/2016	1300	23.17	7.51	6.88
7/8/2016	1400	23.29	7.50	7.00
7/8/2016	1500	23.44	7.51	7.05
7/8/2016	1600	23.51	7.50	7.09
7/8/2016	1700	23.60	7.52	7.17
7/8/2016	1800	23.68	7.53	7.24
7/8/2016	1900	23.78	7.53	7.34
7/8/2016	2000	23.84	7.58	7.48
7/8/2016	2100	23.82	7.60	7.60
7/8/2016	2200	23.73	7.61	7.66
7/8/2016	2300	23.61	7.63	7.68
7/9/2016	0	23.52	7.62	7.69
7/9/2016	100	23.39	7.62	7.63
7/9/2016	200	23.25	7.61	7.61
7/9/2016	300	23.13	7.59	7.52
7/9/2016	400	22.97	7.55	7.46
7/9/2016	500	22.80	7.55	7.37
7/9/2016	600	22.59	7.52	7.26
7/9/2016	700	22.40	7.47	7.16
7/9/2016	800	22.27	7.48	7.10
7/9/2016	900	22.22	7.44	7.09

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
7/9/2016	1000	22.25	7.47	7.08
7/9/2016	1100	22.34	7.45	7.12
7/9/2016	1200	22.48	7.48	7.15
7/9/2016	1300	22.67	7.46	7.15
7/9/2016	1400	22.90	7.49	7.22
7/9/2016	1500	23.09	7.50	7.27
7/9/2016	1600	23.27	7.50	7.33
7/9/2016	1700	23.44	7.53	7.42
7/9/2016	1800	23.59	7.55	7.52
7/9/2016	1900	23.70	7.57	7.61
7/9/2016	2000	23.78	7.59	7.69
7/9/2016	2100	23.81	7.61	7.73
7/9/2016	2200	23.83	7.60	7.77
7/9/2016	2300	23.83	7.62	7.79
7/10/2016	0	23.80	7.60	7.79
7/10/2016	100	23.75	7.60	7.74
7/10/2016	200	23.66	7.58	7.72
7/10/2016	300	23.52	7.56	7.67
7/10/2016	400	23.33	7.56	7.57
7/10/2016	500	23.11	7.53	7.46
7/10/2016	600	22.90	7.50	7.36
7/10/2016	700	22.70	7.49	7.24
7/10/2016	800	22.52	7.45	7.11
7/10/2016	900	22.41	7.43	7.00
7/10/2016	1000	22.40	7.42	6.94
7/10/2016	1100	22.44	7.41	6.93
7/10/2016	1200	22.52	7.44	6.91
7/10/2016	1300	22.57	7.42	6.97
7/10/2016	1400	22.62	7.44	7.03
7/10/2016	1500	22.65	7.43	7.06
7/10/2016	1600	22.70	7.46	7.13
7/10/2016	1700	22.76	7.46	7.18
7/10/2016	1800	22.81	7.47	7.28
7/10/2016	1900	22.88	7.50	7.36
7/10/2016	2000	22.94	7.51	7.48
7/10/2016	2100	22.97	7.53	7.52
7/10/2016	2200	23.01	7.54	7.53
7/10/2016	2300	23.01	7.54	7.51
7/11/2016	0	22.97	7.53	7.46
7/11/2016	100	22.90	7.52	7.39
7/11/2016	200	22.81	7.49	7.30
7/11/2016	300	22.71	7.48	7.22
7/11/2016	400	22.61	7.46	7.12
7/11/2016	500	22.52	7.44	7.03
7/11/2016	600	22.44	7.42	6.94
7/11/2016	700	22.37	7.39	6.87
7/11/2016	800	22.31	7.40	6.79
7/11/2016	900	22.26	7.38	6.71
7/11/2016	1000	22.22	7.41	6.68
7/11/2016	1100	22.19	7.37	6.66
7/11/2016	1200	22.19	7.38	6.64
7/11/2016	1300	22.20	7.36	6.64
7/11/2016	1400	22.24	7.37	6.64
7/11/2016	1500	22.30	7.39	6.66
7/11/2016	1600	22.38	7.39	6.70
7/11/2016	1700	22.52	7.39	6.77
7/11/2016	1800	22.66	7.40	6.80
7/11/2016	1900	22.78	7.41	6.88
7/11/2016	2000	22.87	7.43	6.96
7/11/2016	2100	22.91	7.43	7.01
7/11/2016	2200	22.91	7.43	7.03
7/11/2016	2300	22.89	7.44	7.01
7/12/2016	0	22.87	7.46	7.02
7/12/2016	100	22.87	7.43	7.01
7/12/2016	200	22.87	7.45	7.03
7/12/2016	300	22.86	7.43	7.04
7/12/2016	400	22.84	7.45	7.05
7/12/2016	500	22.78	7.46	7.05
7/12/2016	600	22.71	7.44	7.01
7/12/2016	700	22.61	7.43	7.04
7/12/2016	800	22.50	7.42	6.99
7/12/2016	900	22.40	7.43	6.88
7/12/2016	1000	22.38	7.40	6.82
7/12/2016	1100	22.41	7.41	6.82
7/12/2016	1200	22.51	7.41	6.86
7/12/2016	1300	22.67	7.42	6.95
7/12/2016	1400	22.88	7.45	7.03
7/12/2016	1500	23.14	7.45	7.11
7/12/2016	1600	23.47	7.49	7.20
7/12/2016	1700	23.73	7.52	7.35
7/12/2016	1800	23.94	7.54	7.49
7/12/2016	1900	24.06	7.59	7.63
7/12/2016	2000	24.12	7.61	7.76
7/12/2016	2100	24.14	7.64	7.84
7/12/2016	2200	24.13	7.63	7.86
7/12/2016	2300	24.08	7.65	7.91
7/13/2016	0	24.02	7.66	7.91
7/13/2016	100	23.91	7.65	7.87
7/13/2016	200	23.74	7.63	7.79
7/13/2016	300	23.53	7.62	7.69
7/13/2016	400	23.29	7.57	7.56
7/13/2016	500	23.02	7.55	7.40
7/13/2016	600	22.79	7.53	7.24
7/13/2016	700	22.57	7.46	7.07
7/13/2016	800	22.44	7.48	6.97
7/13/2016	900	22.41	7.45	6.95
7/13/2016	1000	22.51	7.43	6.98
7/13/2016	1100	22.69	7.47	7.05
7/13/2016	1200	22.94	7.47	7.13
7/13/2016	1300	23.21	7.52	7.27
7/13/2016	1400	23.49	7.54	7.41
7/13/2016	1500	23.77	7.56	7.54
7/13/2016	1600	24.01	7.61	7.69
7/13/2016	1700	24.21	7.65	7.81
7/13/2016	1800	24.39	7.66	7.94
7/13/2016	1900	24.49	7.71	8.03
7/13/2016	2000	24.50	7.71	8.09
7/13/2016	2100	24.46	7.73	8.12
7/13/2016	2200	24.37	7.77	8.12
7/13/2016	2300	24.25	7.75	8.11
7/14/2016	0	24.11	7.73	8.07
7/14/2016	100	23.95	7.73	8.02
7/14/2016	200	23.75	7.71	7.93
7/14/2016	300	23.51	7.67	7.80
7/14/2016	400	23.27	7.63	7.67
7/14/2016	500	23.01	7.59	7.51
7/14/2016	600	22.79	7.55	7.35
7/14/2016	700	22.57	7.53	7.22
7/14/2016	800	22.45	7.49	7.13
7/14/2016	900	22.40	7.48	7.11
7/14/2016	1000	22.41	7.49	7.13
7/14/2016	1100	22.45	7.50	7.17
7/14/2016	1200	22.53	7.52	7.19
7/14/2016	1300	22.63	7.51	7.25
7/14/2016	1400	22.73	7.52	7.33
7/14/2016	1500	22.86	7.54	7.44
7/14/2016	1600	23.00	7.58	7.59
7/14/2016	1700	23.09	7.63	7.71
7/14/2016	1800	23.16	7.65	7.83
7/14/2016	1900	23.16	7.67	7.89
7/14/2016	2000	23.13	7.68	7.95
7/14/2016	2100	23.08	7.69	7.94
7/14/2016	2200	23.01	7.70	7.93
7/14/2016	2300	22.95	7.69	7.95

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
7/15/2016	0	22.86	7.71	7.94
7/15/2016	100	22.72	7.68	7.88
7/15/2016	200	22.59	7.66	7.81
7/15/2016	300	22.46	7.65	7.73
7/15/2016	400	22.30	7.61	7.62
7/15/2016	500	22.15	7.59	7.50
7/15/2016	600	22.01	7.56	7.40
7/15/2016	700	21.89	7.56	7.32
7/15/2016	800	21.81	7.55	7.24
7/15/2016	900	21.76	7.53	7.22
7/15/2016	1000	21.77	7.53	7.23
7/15/2016	1100	21.82	7.54	7.28
7/15/2016	1200	21.88	7.57	7.35
7/15/2016	1300	22.00	7.56	7.42
7/15/2016	1400	22.19	7.59	7.50
7/15/2016	1500	22.40	7.61	7.61
7/15/2016	1600	22.62	7.62	7.75
7/15/2016	1700	22.80	7.68	7.87
7/15/2016	1800	22.96	7.71	8.05
7/15/2016	1900	23.06	7.77	8.15
7/15/2016	2000	23.11	7.77	8.28
7/15/2016	2100	23.11	7.80	8.29
7/15/2016	2200	23.09	7.80	8.31
7/15/2016	2300	23.06	7.81	8.30
7/16/2016	0	22.98	7.78	8.23
7/16/2016	100	22.87	7.78	8.17
7/16/2016	200	22.72	7.75	8.11
7/16/2016	300	22.54	7.74	8.02
7/16/2016	400	22.32	7.71	7.87
7/16/2016	500	22.09	7.64	7.72
7/16/2016	600	21.85	7.62	7.55
7/16/2016	700	21.67	7.57	7.35
7/16/2016	800	21.56	7.54	7.25
7/16/2016	900	21.56	7.56	7.20
7/16/2016	1000	21.65	7.54	7.23
7/16/2016	1100	21.81	7.56	7.27
7/16/2016	1200	22.02	7.56	7.35
7/16/2016	1300	22.30	7.59	7.46
7/16/2016	1400	22.54	7.60	7.55
7/16/2016	1500	22.74	7.65	7.65
7/16/2016	1600	22.96	7.67	7.79
7/16/2016	1700	23.15	7.71	7.92
7/16/2016	1800	23.34	7.74	8.08
7/16/2016	1900	23.48	7.77	8.21
7/16/2016	2000	23.56	7.78	8.28
7/16/2016	2100	23.59	7.79	8.29
7/16/2016	2200	23.60	7.79	8.24
7/16/2016	2300	23.58	7.80	8.23
7/17/2016	0	23.52	7.76	8.20
7/17/2016	100	23.42	7.77	8.13
7/17/2016	200	23.30	7.76	8.04
7/17/2016	300	23.12	7.73	7.94
7/17/2016	400	22.92	7.68	7.80
7/17/2016	500	22.73	7.66	7.63
7/17/2016	600	22.53	7.61	7.46
7/17/2016	700	22.33	7.58	7.33
7/17/2016	800	22.21	7.55	7.21
7/17/2016	900	22.09	7.53	7.13
7/17/2016	1000	22.02	7.51	7.10
7/17/2016	1100	22.00	7.52	7.07
7/17/2016	1200	22.03	7.53	7.09
7/17/2016	1300	22.09	7.52	7.13
7/17/2016	1400	22.18	7.55	7.18
7/17/2016	1500	22.25	7.54	7.27
7/17/2016	1600	22.37	7.58	7.33
7/17/2016	1700	22.47	7.57	7.39
7/17/2016	1800	22.59	7.60	7.46
7/17/2016	1900	22.65	7.62	7.53
7/17/2016	2000	22.68	7.64	7.60
7/17/2016	2100	22.68	7.63	7.63
7/17/2016	2200	22.66	7.64	7.67
7/17/2016	2300	22.60	7.64	7.69
7/18/2016	0	22.55	7.65	7.69
7/18/2016	100	22.52	7.65	7.75
7/18/2016	200	22.47	7.66	7.74
7/18/2016	300	22.40	7.66	7.72
7/18/2016	400	22.31	7.64	7.64
7/18/2016	500	22.19	7.63	7.58
7/18/2016	600	22.03	7.62	7.47
7/18/2016	700	21.87	7.59	7.36
7/18/2016	800	21.75	7.57	7.29
7/18/2016	900	21.71	7.56	7.21
7/18/2016	1000	21.78	7.55	7.21
7/18/2016	1100	21.93	7.53	7.23
7/18/2016	1200	22.13	7.56	7.29
7/18/2016	1300	22.36	7.57	7.35
7/18/2016	1400	22.59	7.58	7.45
7/18/2016	1500	22.84	7.61	7.55
7/18/2016	1600	23.09	7.65	7.71
7/18/2016	1700	23.27	7.68	7.90
7/18/2016	1800	23.37	7.74	8.06
7/18/2016	1900	23.40	7.78	8.19
7/18/2016	2000	23.41	7.80	8.29
7/18/2016	2100	23.38	7.82	8.37
7/18/2016	2200	23.36	7.84	8.37
7/18/2016	2300	23.32	7.84	8.40
7/19/2016	0	23.27	7.84	8.37
7/19/2016	100	23.20	7.83	8.33
7/19/2016	200	23.08	7.82	8.28
7/19/2016	300	22.93	7.79	8.19
7/19/2016	400	22.73	7.75	8.08
7/19/2016	500	22.52	7.74	7.92
7/19/2016	600	22.29	7.67	7.75
7/19/2016	700	22.07	7.63	7.61
7/19/2016	800	21.91	7.61	7.42
7/19/2016	900	21.86	7.57	7.33
7/19/2016	1000	21.91	7.55	7.29
7/19/2016	1100	22.05	7.56	7.33
7/19/2016	1200	22.25	7.58	7.38
7/19/2016	1300	22.46	7.58	7.47
7/19/2016	1400	22.67	7.60	7.56
7/19/2016	1500	22.89	7.84	7.64
7/19/2016	1600	23.07	7.90	7.73
7/19/2016	1700	23.26	7.93	7.88
7/19/2016	1800	23.46	7.96	8.04
7/19/2016	1900	23.60	8.01	8.18
7/19/2016	2000	23.68	8.04	8.30
7/19/2016	2100	23.72	8.07	8.38
7/19/2016	2200	23.71	8.09	8.40
7/19/2016	2300	23.70	8.08	8.43
7/20/2016	0	23.70	8.09	8.41
7/20/2016	100	23.68	8.08	8.38
7/20/2016	200	23.61	8.08	8.35
7/20/2016	300	23.49	8.06	8.28
7/20/2016	400	23.31	8.02	8.16
7/20/2016	500	23.11	7.99	8.02
7/20/2016	600	22.87	7.95	7.81
7/20/2016	700	22.64	7.91	7.68
7/20/2016	800	22.48	7.85	7.53
7/20/2016	900	22.39	7.83	7.43
7/20/2016	1000	22.40	7.83	7.35
7/20/2016	1100	22.51	7.81	7.37
7/20/2016	1200	22.68	7.83	7.45
7/20/2016	1300	22.90	7.85	7.50

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
7/20/2016	1400	23.16	7.86	7.62
7/20/2016	1500	23.43	7.87	7.70
7/20/2016	1600	23.70	7.89	7.80
7/20/2016	1700	23.95	7.93	7.89
7/20/2016	1800	24.15	7.94	8.02
7/20/2016	1900	24.31	7.99	8.13
7/20/2016	2000	24.43	8.03	8.22
7/20/2016	2100	24.49	8.04	8.32
7/20/2016	2200	24.50	8.06	8.37
7/20/2016	2300	24.50	8.07	8.41
7/21/2016	0	24.52	8.08	8.39
7/21/2016	100	24.51	8.08	8.41
7/21/2016	200	24.50	8.07	8.36
7/21/2016	300	24.43	8.06	8.33
7/21/2016	400	24.35	8.06	8.27
7/21/2016	500	24.22	8.02	8.17
7/21/2016	600	24.08	8.00	8.04
7/21/2016	700	23.91	7.93	7.84
7/21/2016	800	23.72	7.89	7.67
7/21/2016	900	23.49	7.84	7.50
7/21/2016	1000	23.35	7.80	7.35
7/21/2016	1100	23.23	7.77	7.24
7/21/2016	1200	23.24	7.78	7.23
7/21/2016	1300	23.36	7.77	7.30
7/21/2016	1400	23.56	7.79	7.37
7/21/2016	1500	23.86	7.82	7.48
7/21/2016	1600	24.15	7.83	7.57
7/21/2016	1700	24.41	7.86	7.70
7/21/2016	1800	24.57	7.89	7.81
7/21/2016	1900	24.66	7.91	7.90
7/21/2016	2000	24.68	7.94	7.96
7/21/2016	2100	24.66	7.95	8.03
7/21/2016	2200	24.68	7.99	8.12
7/21/2016	2300	24.66	7.99	8.15
7/22/2016	0	24.67	8.01	8.24
7/22/2016	100	24.67	8.04	8.27
7/22/2016	200	24.64	8.03	8.28
7/22/2016	300	24.55	8.03	8.23
7/22/2016	400	24.41	8.01	8.15
7/22/2016	500	24.24	7.98	8.01
7/22/2016	600	24.06	7.92	7.86
7/22/2016	700	23.87	7.90	7.69
7/22/2016	800	23.70	7.85	7.52
7/22/2016	900	23.59	7.83	7.36
7/22/2016	1000	23.59	7.79	7.27
7/22/2016	1100	23.66	7.78	7.26
7/22/2016	1200	23.81	7.78	7.27
7/22/2016	1300	24.01	7.78	7.33
7/22/2016	1400	24.28	7.80	7.40
7/22/2016	1500	24.63	7.83	7.51
7/22/2016	1600	24.88	7.86	7.60
7/22/2016	1700	25.07	7.88	7.71
7/22/2016	1800	25.23	7.93	7.87
7/22/2016	1900	25.32	7.96	8.01
7/22/2016	2000	25.34	7.99	8.08
7/22/2016	2100	25.34	8.00	8.15
7/22/2016	2200	25.33	8.03	8.21
7/22/2016	2300	25.30	8.04	8.24
7/23/2016	0	25.27	8.05	8.25
7/23/2016	100	25.24	8.07	8.30
7/23/2016	200	25.22	8.08	8.33
7/23/2016	300	25.15	8.08	8.31
7/23/2016	400	25.03	8.07	8.26
7/23/2016	500	24.89	8.06	8.18
7/23/2016	600	24.72	8.02	8.04
7/23/2016	700	24.53	7.98	7.88
7/23/2016	800	24.35	7.93	7.72
7/23/2016	900	24.23	7.91	7.57
7/23/2016	1000	24.17	7.87	7.45
7/23/2016	1100	24.20	7.85	7.38
7/23/2016	1200	24.32	7.81	7.33
7/23/2016	1300	24.49	7.81	7.33
7/23/2016	1400	24.68	7.82	7.37
7/23/2016	1500	24.85	7.84	7.43
7/23/2016	1600	25.01	7.85	7.47
7/23/2016	1700	25.12	7.86	7.58
7/23/2016	1800	25.16	7.89	7.65
7/23/2016	1900	25.18	7.93	7.78
7/23/2016	2000	25.16	7.95	7.88
7/23/2016	2100	25.15	7.96	7.93
7/23/2016	2200	25.16	7.97	7.96
7/23/2016	2300	25.22	7.98	8.04
7/24/2016	0	25.29	8.00	8.10
7/24/2016	100	25.35	8.03	8.15
7/24/2016	200	25.38	8.04	8.16
7/24/2016	300	25.35	8.06	8.14
7/24/2016	400	25.24	8.04	8.09
7/24/2016	500	25.10	8.02	7.94
7/24/2016	600	24.94	7.97	7.77
7/24/2016	700	24.75	7.92	7.58
7/24/2016	800	24.58	7.86	7.34
7/24/2016	900	24.44	7.82	7.19
7/24/2016	1000	24.34	7.77	7.02
7/24/2016	1100	24.30	7.75	6.92
7/24/2016	1200	24.32	7.74	6.89
7/24/2016	1300	24.40	7.75	6.89
7/24/2016	1400	24.51	7.76	6.94
7/24/2016	1500	24.66	7.77	7.00
7/24/2016	1600	24.86	7.79	7.10
7/24/2016	1700	25.03	7.80	7.18
7/24/2016	1800	25.23	7.83	7.35
7/24/2016	1900	25.37	7.85	7.49
7/24/2016	2000	25.43	7.89	7.60
7/24/2016	2100	25.43	7.90	7.68
7/24/2016	2200	25.42	7.91	7.77
7/24/2016	2300	25.40	7.93	7.81
7/25/2016	0	25.37	7.95	7.83
7/25/2016	100	25.35	7.96	7.86
7/25/2016	200	25.30	7.98	7.90
7/25/2016	300	25.22	7.98	7.88
7/25/2016	400	25.12	7.97	7.81
7/25/2016	500	24.98	7.95	7.73
7/25/2016	600	24.82	7.91	7.58
7/25/2016	700	24.66	7.89	7.41
7/25/2016	800	24.51	7.85	7.26
7/25/2016	900	24.41	7.81	7.13
7/25/2016	1000	24.38	7.77	7.06
7/25/2016	1100	24.43	7.78	7.06
7/25/2016	1200	24.54	7.79	7.13
7/25/2016	1300	24.71	7.79	7.22
7/25/2016	1400	24.90	7.83	7.34
7/25/2016	1500	25.08	7.86	7.47
7/25/2016	1600	25.26	7.88	7.60
7/25/2016	1700	25.44	7.93	7.78
7/25/2016	1800	25.58	7.98	7.97
7/25/2016	1900	25.70	8.03	8.12
7/25/2016	2000	25.77	8.08	8.28
7/25/2016	2100	25.79	8.10	8.33
7/25/2016	2200	25.82	8.12	8.38
7/25/2016	2300	25.80	8.13	8.36
7/26/2016	0	25.76	8.13	8.34
7/26/2016	100	25.67	8.11	8.31
7/26/2016	200	25.52	8.10	8.22
7/26/2016	300	25.34	8.05	8.07

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
7/26/2016	400	25.12	8.00	7.88
7/26/2016	500	24.89	7.95	7.65
7/26/2016	600	24.67	7.89	7.43
7/26/2016	700	24.46	7.82	7.20
7/26/2016	800	24.30	7.78	7.01
7/26/2016	900	24.27	7.76	6.88
7/26/2016	1000	24.33	7.76	6.86
7/26/2016	1100	24.48	7.75	6.89
7/26/2016	1200	24.69	7.77	6.97
7/26/2016	1300	24.90	7.79	7.10
7/26/2016	1400	25.24	7.83	7.20
7/26/2016	1500	25.51	7.85	7.35
7/26/2016	1600	25.78	7.89	7.53
7/26/2016	1700	26.01	7.94	7.74
7/26/2016	1800	26.23	8.02	7.97
7/26/2016	1900	26.37	8.05	8.12
7/26/2016	2000	26.46	8.12	8.28
7/26/2016	2100	26.52	8.13	8.35
7/26/2016	2200	26.53	8.15	8.39
7/26/2016	2300	26.49	8.15	8.38
7/27/2016	0	26.43	8.15	8.31
7/27/2016	100	26.31	8.14	8.24
7/27/2016	200	26.16	8.12	8.12
7/27/2016	300	25.96	8.07	7.96
7/27/2016	400	25.74	8.02	7.75
7/27/2016	500	25.52	7.97	7.53
7/27/2016	600	25.29	7.90	7.31
7/27/2016	700	25.12	7.86	7.12
7/27/2016	800	24.97	7.83	6.94
7/27/2016	900	24.86	7.78	6.79
7/27/2016	1000	24.83	7.76	6.73
7/27/2016	1100	24.83	7.76	6.73
7/27/2016	1200	24.86	7.76	6.79
7/27/2016	1300	24.93	7.77	6.83
7/27/2016	1400	25.00	7.78	6.92
7/27/2016	1500	25.09	7.80	7.04
7/27/2016	1600	25.15	7.83	7.14
7/27/2016	1700	25.19	7.86	7.24
7/27/2016	1800	25.20	7.86	7.32
7/27/2016	1900	25.21	7.89	7.43
7/27/2016	2000	25.18	7.91	7.49
7/27/2016	2100	25.16	7.93	7.55
7/27/2016	2200	25.12	7.93	7.60
7/27/2016	2300	25.07	7.95	7.58
7/28/2016	0	25.00	7.93	7.54
7/28/2016	100	24.91	7.92	7.47
7/28/2016	200	24.81	7.90	7.39
7/28/2016	300	24.69	7.87	7.28
7/28/2016	400	24.54	7.84	7.14
7/28/2016	500	24.39	7.80	6.98
7/28/2016	600	24.25	7.77	6.84
7/28/2016	700	24.13	7.73	6.73
7/28/2016	800	24.06	7.74	6.60
7/28/2016	900	24.05	7.73	6.53
7/28/2016	1000	24.09	7.73	6.55
7/28/2016	1100	24.20	7.72	6.61
7/28/2016	1200	24.36	7.76	6.71
7/28/2016	1300	24.57	7.77	6.84
7/28/2016	1400	24.77	7.80	6.97
7/28/2016	1500	24.92	7.83	7.09
7/28/2016	1600	25.05	7.86	7.23
7/28/2016	1700	25.17	7.90	7.41
7/28/2016	1800	25.27	7.95	7.63
7/28/2016	1900	25.33	8.01	7.81
7/28/2016	2000	25.34	8.05	7.97
7/28/2016	2100	25.33	8.10	8.13
7/28/2016	2200	25.30	8.13	8.19
7/28/2016	2300	25.28	8.13	8.21
7/29/2016	0	25.23	8.14	8.21
7/29/2016	100	25.17	8.15	8.20
7/29/2016	200	25.06	8.15	8.14
7/29/2016	300	24.91	8.13	8.06
7/29/2016	400	24.71	8.09	7.93
7/29/2016	500	24.48	8.04	7.74
7/29/2016	600	24.23	7.99	7.51
7/29/2016	700	24.02	7.91	7.31
7/29/2016	800	23.85	7.88	7.07
7/29/2016	900	23.77	7.82	6.90
7/29/2016	1000	23.80	7.80	6.80
7/29/2016	1100	23.91	7.80	6.84
7/29/2016	1200	24.06	7.81	6.87
7/29/2016	1300	24.31	7.54	6.94
7/29/2016	1400	24.52	7.60	7.02
7/29/2016	1500	24.71	7.64	7.17
7/29/2016	1600	24.88	7.68	7.33
7/29/2016	1700	25.09	7.73	7.56
7/29/2016	1800	25.30	7.78	7.80
7/29/2016	1900	25.40	7.83	7.95
7/29/2016	2000	25.47	7.87	8.10
7/29/2016	2100	25.48	7.88	8.13
7/29/2016	2200	25.42	7.89	8.11
7/29/2016	2300	25.35	7.87	8.06
7/30/2016	0	25.27	7.85	8.01
7/30/2016	100	25.17	7.85	7.98
7/30/2016	200	25.02	7.84	7.89
7/30/2016	300	24.83	7.79	7.75
7/30/2016	400	24.61	7.75	7.56
7/30/2016	500	24.36	7.70	7.37
7/30/2016	600	24.14	7.63	7.15
7/30/2016	700	23.95	7.61	6.97
7/30/2016	800	23.81	7.57	6.82
7/30/2016	900	23.74	7.55	6.70
7/30/2016	1000	23.79	7.55	6.74
7/30/2016	1100	23.91	7.55	6.79
7/30/2016	1200	24.11	7.58	6.90
7/30/2016	1300	24.28	7.60	7.05
7/30/2016	1400	24.50	7.63	7.24
7/30/2016	1500	24.74	7.64	7.40
7/30/2016	1600	24.98	7.69	7.56
7/30/2016	1700	25.19	7.74	7.79
7/30/2016	1800	25.33	7.81	7.99
7/30/2016	1900	25.39	7.83	8.15
7/30/2016	2000	25.40	7.90	8.30
7/30/2016	2100	25.40	7.90	8.37
7/30/2016	2200	25.41	7.94	8.47
7/30/2016	2300	25.41	7.95	8.50
7/31/2016	0	25.36	7.94	8.50
7/31/2016	100	25.24	7.95	8.43
7/31/2016	200	25.03	7.91	8.32
7/31/2016	300	24.78	7.87	8.12
7/31/2016	400	24.47	7.82	7.88
7/31/2016	500	24.17	7.73	7.61
7/31/2016	600	23.87	7.66	7.28
7/31/2016	700	23.61	7.62	7.05
7/31/2016	800	23.43	7.56	6.87
7/31/2016	900	23.35	7.53	6.79
7/31/2016	1000	23.38	7.53	6.75
7/31/2016	1100	23.49	7.57	6.81
7/31/2016	1200	23.68	7.55	6.91
7/31/2016	1300	23.91	7.57	7.04
7/31/2016	1400	24.19	7.62	7.20
7/31/2016	1500	24.49	7.65	7.39
7/31/2016	1600	24.79	7.91	8.17
7/31/2016	1700	25.01	7.93	8.17

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
7/31/2016	1800	25.14	7.97	8.22
7/31/2016	1900	25.17	7.99	8.23
7/31/2016	2000	25.12	8.03	8.23
7/31/2016	2100	25.10	8.04	8.24
7/31/2016	2200	25.11	8.06	8.26
7/31/2016	2300	25.11	8.07	8.25
8/1/2016	0	25.12	8.06	8.23
8/1/2016	100	25.07	8.07	8.25
8/1/2016	200	24.95	8.06	8.30
8/1/2016	300	24.76	8.02	8.30
8/1/2016	400	24.51	8.01	8.34
8/1/2016	500	24.23	7.97	8.39
8/1/2016	600	23.95	7.93	8.38
8/1/2016	700	23.70	7.88	8.41
8/1/2016	800	23.49	7.85	8.46
8/1/2016	900	23.38	7.85	8.48
8/1/2016	1000	23.36	7.85	8.48
8/1/2016	1100	23.45	7.84	8.47
8/1/2016	1200	23.65	7.84	8.44
8/1/2016	1300	23.87	7.86	8.40
8/1/2016	1400	24.18	7.87	8.34
8/1/2016	1500	24.43	7.86	8.31
8/1/2016	1600	24.67	7.90	8.29
8/1/2016	1700	24.82	7.92	8.26
8/1/2016	1800	24.96	7.96	8.26
8/1/2016	1900	25.06	7.98	8.22
8/1/2016	2000	25.14	8.01	8.23
8/1/2016	2100	25.17	8.03	8.23
8/1/2016	2200	25.15	8.04	8.22
8/1/2016	2300	25.14	8.05	8.25
8/2/2016	0	25.18	8.06	8.24
8/2/2016	100	25.21	8.07	8.23
8/2/2016	200	25.21	8.07	8.28
8/2/2016	300	25.11	8.05	8.25
8/2/2016	400	24.93	8.04	8.28
8/2/2016	500	24.70	8.00	8.28
8/2/2016	600	24.44	7.96	8.31
8/2/2016	700	24.19	7.91	8.38
8/2/2016	800	23.98	7.89	8.40
8/2/2016	900	23.83	7.87	8.43
8/2/2016	1000	23.78	7.84	8.43
8/2/2016	1100	23.83	7.83	8.42
8/2/2016	1200	23.96	7.84	8.40
8/2/2016	1300	24.12	7.86	8.38
8/2/2016	1400	24.31	7.87	8.33
8/2/2016	1500	24.45	7.89	8.32
8/2/2016	1600	24.58	7.91	8.29
8/2/2016	1700	24.73	7.92	8.27
8/2/2016	1800	24.87	7.94	8.25
8/2/2016	1900	25.00	7.97	8.23
8/2/2016	2000	25.10	8.00	8.22
8/2/2016	2100	25.17	8.02	8.21
8/2/2016	2200	25.21	8.05	8.22
8/2/2016	2300	25.22	8.04	8.20
8/3/2016	0	25.20	8.04	8.20
8/3/2016	100	25.17	8.04	8.22
8/3/2016	200	25.09	8.04	8.23
8/3/2016	300	24.99	8.03	8.23
8/3/2016	400	24.85	8.00	8.26
8/3/2016	500	24.70	7.96	8.28
8/3/2016	600	24.54	7.93	8.30
8/3/2016	700	24.38	7.90	8.33
8/3/2016	800	24.25	7.87	8.35
8/3/2016	900	24.17	7.84	8.34
8/3/2016	1000	24.16	7.83	8.34
8/3/2016	1100	24.24	7.83	8.36
8/3/2016	1200	24.43	7.84	8.32
8/3/2016	1300	24.59	7.84	8.29
8/3/2016	1400	24.82	7.85	8.25
8/3/2016	1500	25.07	7.87	8.19
8/3/2016	1600	25.31	7.88	8.18
8/3/2016	1700	25.55	7.91	8.12
8/3/2016	1800	25.74	7.94	8.11
8/3/2016	1900	25.91	7.97	8.08
8/3/2016	2000	25.98	7.99	8.07
8/3/2016	2100	26.01	8.03	8.06
8/3/2016	2200	25.98	8.03	8.05
8/3/2016	2300	25.94	8.04	8.07
8/4/2016	0	25.93	8.05	8.06
8/4/2016	100	25.93	8.05	8.08
8/4/2016	200	25.91	8.05	8.04
8/4/2016	300	25.87	8.05	8.08
8/4/2016	400	25.80	8.04	8.06
8/4/2016	500	25.68	8.02	8.08
8/4/2016	600	25.53	7.99	8.11
8/4/2016	700	25.36	7.96	8.12
8/4/2016	800	25.18	7.93	8.18
8/4/2016	900	25.05	7.89	8.18
8/4/2016	1000	24.94	7.87	8.21
8/4/2016	1100	24.91	7.85	8.21
8/4/2016	1200	24.92	7.83	8.25
8/4/2016	1300	24.99	7.83	8.23
8/4/2016	1400	25.02	7.83	8.22
8/4/2016	1500	25.02	7.84	8.22
8/4/2016	1600	25.09	7.84	8.22
8/4/2016	1700	25.22	7.86	8.18
8/4/2016	1800	25.38	7.91	8.17
8/4/2016	1900	25.50	7.95	8.15
8/4/2016	2000	25.56	7.99	8.14
8/4/2016	2100	25.53	8.00	8.12
8/4/2016	2200	25.47	7.99	8.13
8/4/2016	2300	25.38	7.97	8.13
8/5/2016	0	25.30	7.97	8.13
8/5/2016	100	25.22	7.95	8.15
8/5/2016	200	25.11	7.95	8.16
8/5/2016	300	24.98	7.94	8.18
8/5/2016	400	24.85	7.92	8.18
8/5/2016	500	24.69	7.89	8.22
8/5/2016	600	24.51	7.88	8.22
8/5/2016	700	24.33	7.85	8.25
8/5/2016	800	24.20	7.84	8.30
8/5/2016	900	24.14	7.82	8.29
8/5/2016	1000	24.13	7.82	8.28
8/5/2016	1100	24.18	7.82	8.24
8/5/2016	1200	24.28	7.58	6.90
8/5/2016	1300	24.37	7.61	7.03
8/5/2016	1400	24.49	7.63	7.14
8/5/2016	1500	24.57	7.66	7.26
8/5/2016	1600	24.66	7.68	7.37
8/5/2016	1700	24.74	7.71	7.49
8/5/2016	1800	24.77	7.74	7.62
8/5/2016	1900	24.81	7.80	7.75
8/5/2016	2000	24.82	7.83	7.90
8/5/2016	2100	24.82	7.86	7.98
8/5/2016	2200	24.81	7.89	8.09
8/5/2016	2300	24.79	7.91	8.09
8/6/2016	0	24.76	7.93	8.13
8/6/2016	100	24.72	7.91	8.11
8/6/2016	200	24.65	7.90	8.05
8/6/2016	300	24.56	7.88	7.98
8/6/2016	400	24.44	7.86	7.89
8/6/2016	500	24.29	7.82	7.76
8/6/2016	600	24.11	7.78	7.57
8/6/2016	700	23.94	7.72	7.40

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
8/6/2016	800	23.83	7.68	7.22
8/6/2016	900	23.74	7.65	7.07
8/6/2016	1000	23.71	7.61	6.96
8/6/2016	1100	23.77	7.60	6.88
8/6/2016	1200	23.86	7.60	6.92
8/6/2016	1300	24.07	7.61	6.99
8/6/2016	1400	24.23	7.62	7.05
8/6/2016	1500	24.42	7.64	7.15
8/6/2016	1600	24.60	7.67	7.29
8/6/2016	1700	24.71	7.69	7.43
8/6/2016	1800	24.78	7.72	7.59
8/6/2016	1900	24.82	7.76	7.74
8/6/2016	2000	24.82	7.79	7.88
8/6/2016	2100	24.81	7.82	7.97
8/6/2016	2200	24.76	7.85	8.04
8/6/2016	2300	24.73	7.87	8.11
8/7/2016	0	24.69	7.87	8.14
8/7/2016	100	24.67	7.89	8.21
8/7/2016	200	24.67	7.91	8.27
8/7/2016	300	24.67	7.94	8.31
8/7/2016	400	24.67	7.95	8.35
8/7/2016	500	24.64	7.96	8.38
8/7/2016	600	24.58	7.94	8.29
8/7/2016	700	24.46	7.91	8.20
8/7/2016	800	24.32	7.88	8.04
8/7/2016	900	24.20	7.82	7.86
8/7/2016	1000	24.13	7.77	7.66
8/7/2016	1100	24.10	7.72	7.54
8/7/2016	1200	24.14	7.70	7.48
8/7/2016	1300	24.22	7.69	7.43
8/7/2016	1400	24.36	7.67	7.40
8/7/2016	1500	24.50	7.66	7.39
8/7/2016	1600	24.70	7.67	7.42
8/7/2016	1700	24.86	7.68	7.47
8/7/2016	1800	24.99	7.69	7.57
8/7/2016	1900	25.05	7.72	7.66
8/7/2016	2000	25.04	7.75	7.81
8/7/2016	2100	24.97	7.78	7.91
8/7/2016	2200	24.87	7.79	7.97
8/7/2016	2300	24.78	7.80	7.98
8/8/2016	0	24.72	7.81	8.01
8/8/2016	100	24.67	7.83	8.08
8/8/2016	200	24.65	7.85	8.13
8/8/2016	300	24.64	7.87	8.18
8/8/2016	400	24.64	7.90	8.25
8/8/2016	500	24.63	7.91	8.29
8/8/2016	600	24.57	7.91	8.26
8/8/2016	700	24.49	7.90	8.22
8/8/2016	800	24.38	7.87	8.07
8/8/2016	900	24.29	7.81	7.89
8/8/2016	1000	24.23	7.77	7.74
8/8/2016	1100	24.23	7.73	7.59
8/8/2016	1200	24.22	7.70	7.51
8/8/2016	1300	24.27	7.69	7.46
8/8/2016	1400	24.34	7.68	7.44
8/8/2016	1500	24.44	7.68	7.45
8/8/2016	1600	24.50	7.67	7.44
8/8/2016	1700	24.56	7.68	7.47
8/8/2016	1800	24.65	7.70	7.56
8/8/2016	1900	24.71	7.73	7.69
8/8/2016	2000	24.72	7.75	7.78
8/8/2016	2100	24.72	7.78	7.87
8/8/2016	2200	24.72	7.81	7.98
8/8/2016	2300	24.73	7.83	8.08
8/9/2016	0	24.74	7.86	8.16
8/9/2016	100	24.76	7.88	8.26
8/9/2016	200	24.80	7.92	8.35
8/9/2016	300	24.86	7.95	8.44
8/9/2016	400	24.86	7.98	8.50
8/9/2016	500	24.78	7.96	8.46
8/9/2016	600	24.65	7.93	8.33
8/9/2016	700	24.50	7.89	8.14
8/9/2016	800	24.34	7.83	7.92
8/9/2016	900	24.22	7.77	7.70
8/9/2016	1000	24.14	7.72	7.48
8/9/2016	1100	24.14	7.68	7.35
8/9/2016	1200	24.20	7.65	7.26
8/9/2016	1300	24.29	7.65	7.26
8/9/2016	1400	24.44	7.65	7.32
8/9/2016	1500	24.57	7.66	7.36
8/9/2016	1600	24.73	7.68	7.42
8/9/2016	1700	24.85	7.71	7.49
8/9/2016	1800	24.96	7.74	7.60
8/9/2016	1900	25.03	7.78	7.70
8/9/2016	2000	25.09	7.80	7.82
8/9/2016	2100	25.14	7.85	7.93
8/9/2016	2200	25.20	7.88	8.06
8/9/2016	2300	25.27	7.91	8.11
8/10/2016	0	25.32	7.94	8.17
8/10/2016	100	25.34	7.96	8.23
8/10/2016	200	25.33	7.98	8.23
8/10/2016	300	25.28	7.98	8.22
8/10/2016	400	25.19	7.97	8.12
8/10/2016	500	25.05	7.93	7.96
8/10/2016	600	24.88	7.88	7.77
8/10/2016	700	24.71	7.82	7.55
8/10/2016	800	24.54	7.76	7.27
8/10/2016	900	24.41	7.69	7.03
8/10/2016	1000	24.32	7.64	6.83
8/10/2016	1100	24.33	7.62	6.70
8/10/2016	1200	24.39	7.60	6.64
8/10/2016	1300	24.52	7.60	6.70
8/10/2016	1400	24.72	7.62	6.80
8/10/2016	1500	24.94	7.64	6.89
8/10/2016	1600	25.14	7.66	7.03
8/10/2016	1700	25.30	7.68	7.17
8/10/2016	1800	25.41	7.72	7.33
8/10/2016	1900	25.48	7.76	7.50
8/10/2016	2000	25.50	7.80	7.65
8/10/2016	2100	25.50	7.85	7.81
8/10/2016	2200	25.50	7.87	7.89
8/10/2016	2300	25.49	7.89	7.98
8/11/2016	0	25.49	7.91	8.03
8/11/2016	100	25.50	7.92	8.07
8/11/2016	200	25.53	7.94	8.08
8/11/2016	300	25.53	7.95	8.08
8/11/2016	400	25.51	7.95	8.06
8/11/2016	500	25.43	7.93	7.98
8/11/2016	600	25.35	7.91	7.89
8/11/2016	700	25.22	7.87	7.71
8/11/2016	800	25.09	7.82	7.50
8/11/2016	900	24.97	7.77	7.28
8/11/2016	1000	24.84	7.72	7.08
8/11/2016	1100	24.71	7.68	6.91
8/11/2016	1200	24.58	7.63	6.73
8/11/2016	1300	24.47	7.60	6.61
8/11/2016	1400	24.39	7.58	6.53
8/11/2016	1500	24.36	7.56	6.51
8/11/2016	1600	24.40	7.57	6.54
8/11/2016	1700	24.48	7.58	6.65
8/11/2016	1800	24.58	7.59	6.81
8/11/2016	1900	24.68	7.63	6.99
8/11/2016	2000	24.69	7.65	7.11
8/11/2016	2100	24.66	7.65	7.18

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
8/11/2016	2200	24.65	7.66	7.24
8/11/2016	2300	24.64	7.69	7.37
8/12/2016	0	24.62	7.72	7.48
8/12/2016	100	24.58	7.72	7.49
8/12/2016	200	24.51	7.71	7.46
8/12/2016	300	24.41	7.70	7.39
8/12/2016	400	24.30	7.68	7.22
8/12/2016	500	24.17	7.64	7.01
8/12/2016	600	24.06	7.60	6.83
8/12/2016	700	23.95	7.57	6.66
8/12/2016	800	23.87	7.56	6.53
8/12/2016	900	23.81	7.55	6.48
8/12/2016	1000	23.78	7.55	6.45
8/12/2016	1100			
8/12/2016	1200	23.85	7.77	6.57
8/12/2016	1300	23.94	7.77	6.68
8/12/2016	1400	24.05	7.79	6.81
8/12/2016	1500	24.14	7.81	6.92
8/12/2016	1600	24.23	7.85	7.09
8/12/2016	1700	24.29	7.86	7.20
8/12/2016	1800	24.35	7.89	7.34
8/12/2016	1900	24.39	7.92	7.47
8/12/2016	2000	24.42	7.95	7.61
8/12/2016	2100	24.41	7.97	7.68
8/12/2016	2200	24.39	7.98	7.74
8/12/2016	2300	24.36	7.99	7.76
8/13/2016	0	24.28	7.97	7.73
8/13/2016	100	24.18	7.96	7.63
8/13/2016	200	24.07	7.92	7.47
8/13/2016	300	23.94	7.86	7.25
8/13/2016	400	23.80	7.81	7.00
8/13/2016	500	23.66	7.76	6.80
8/13/2016	600	23.55	7.74	6.64
8/13/2016	700	23.49	7.70	6.54
8/13/2016	800	23.45	7.70	6.47
8/13/2016	900	23.44	7.68	6.45
8/13/2016	1000	23.45	7.69	6.49
8/13/2016	1100	23.54	7.70	6.57
8/13/2016	1200	23.69	7.73	6.74
8/13/2016	1300	23.86	7.77	6.91
8/13/2016	1400	24.02	7.81	7.10
8/13/2016	1500	24.17	7.82	7.27
8/13/2016	1600	24.28	7.86	7.40
8/13/2016	1700	24.34	7.90	7.57
8/13/2016	1800	24.42	7.95	7.71
8/13/2016	1900	24.46	7.98	7.86
8/13/2016	2000	24.45	7.98	7.95
8/13/2016	2100	24.41	8.01	7.98
8/13/2016	2200	24.36	8.00	7.99
8/13/2016	2300	24.29	8.00	7.90
8/14/2016	0	24.17	7.97	7.80
8/14/2016	100	24.03	7.94	7.69
8/14/2016	200	23.87	7.90	7.57
8/14/2016	300	23.72	7.88	7.42
8/14/2016	400	23.57	7.83	7.24
8/14/2016	500	23.42	7.79	7.05
8/14/2016	600	23.27	7.75	6.89
8/14/2016	700	23.14	7.72	6.74
8/14/2016	800	23.05	7.71	6.61
8/14/2016	900	23.03	7.70	6.57
8/14/2016	1000	23.10	7.69	6.61
8/14/2016	1100	23.22	7.72	6.70
8/14/2016	1200	23.36	7.74	6.81
8/14/2016	1300	23.53	7.76	6.93
8/14/2016	1400	23.71	7.76	7.12
8/14/2016	1500	23.90	7.80	7.28
8/14/2016	1600	24.13	7.84	7.48
8/14/2016	1700	24.32	7.89	7.69
8/14/2016	1800	24.49	7.92	7.89
8/14/2016	1900	24.58	7.97	8.06
8/14/2016	2000	24.63	8.02	8.20
8/14/2016	2100	24.65	8.03	8.25
8/14/2016	2200	24.62	8.04	8.25
8/14/2016	2300	24.56	8.02	8.20
8/15/2016	0	24.48	8.01	8.12
8/15/2016	100	24.34	8.00	8.02
8/15/2016	200	24.15	7.96	7.85
8/15/2016	300	23.92	7.90	7.65
8/15/2016	400	23.69	7.83	7.39
8/15/2016	500	23.44	7.79	7.15
8/15/2016	600	23.24	7.74	6.90
8/15/2016	700	23.06	7.70	6.73
8/15/2016	800	22.98	7.71	6.63
8/15/2016	900	22.98	7.69	6.64
8/15/2016	1000	23.06	7.72	6.74
8/15/2016	1100	23.23	7.73	6.90
8/15/2016	1200	23.46	7.76	7.10
8/15/2016	1300	23.71	7.79	7.28
8/15/2016	1400	23.97	7.83	7.47
8/15/2016	1500	24.19	7.86	7.70
8/15/2016	1600	24.44	7.91	7.95
8/15/2016	1700	24.64	7.97	8.19
8/15/2016	1800	24.72	8.03	8.39
8/15/2016	1900	24.75	8.00	8.54
8/15/2016	2000	24.73	8.01	8.65
8/15/2016	2100	24.71	8.12	8.65
8/15/2016	2200	24.69	8.08	8.61
8/15/2016	2300	24.61	8.10	8.58
8/16/2016	0	24.45	8.05	8.45
8/16/2016	100	24.22	8.02	8.27
8/16/2016	200	23.93	7.95	8.01
8/16/2016	300	23.65	7.88	7.74
8/16/2016	400	23.40	7.83	7.47
8/16/2016	500	23.20	7.80	7.24
8/16/2016	600	23.07	7.74	7.04
8/16/2016	700	23.00	7.69	6.93
8/16/2016	800	22.96	7.71	6.88
8/16/2016	900	22.99	7.70	6.86
8/16/2016	1000	23.09	7.71	6.95
8/16/2016	1100	23.27	7.73	7.08
8/16/2016	1200	23.50	7.77	7.21
8/16/2016	1300	23.75	7.82	7.38
8/16/2016	1400	23.96	7.84	7.54
8/16/2016	1500	24.11	7.86	7.72
8/16/2016	1600	24.24	7.91	7.89
8/16/2016	1700	24.38	7.95	8.08
8/16/2016	1800	24.54	8.01	8.33
8/16/2016	1900	24.66	8.05	8.51
8/16/2016	2000	24.69	8.07	8.59
8/16/2016	2100	24.67	8.09	8.60
8/16/2016	2200	24.56	8.10	8.44
8/16/2016	2300	24.43	8.05	8.43
8/17/2016	0	24.29	8.03	8.31
8/17/2016	100	24.10	7.98	8.12
8/17/2016	200	23.93	7.95	7.91
8/17/2016	300	23.77	7.89	7.70
8/17/2016	400	23.61	7.88	7.53
8/17/2016	500	23.45	7.80	7.29
8/17/2016	600	23.31	7.79	7.10
8/17/2016	700	23.20	7.76	6.97
8/17/2016	800	23.13	7.71	6.83
8/17/2016	900	23.13	7.70	6.78
8/17/2016	1000	23.19	7.72	6.83
8/17/2016	1100	23.31	7.75	6.96

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
8/17/2016	1200	23.51	7.76	7.17
8/17/2016	1300	23.69	7.78	7.31
8/17/2016	1400	23.96	7.80	7.49
8/17/2016	1500	24.25	7.84	7.64
8/17/2016	1600	24.51	7.87	7.81
8/17/2016	1700	24.70	7.91	7.96
8/17/2016	1800	24.83	7.96	8.13
8/17/2016	1900	24.84	7.98	8.25
8/17/2016	2000	24.87	8.02	8.38
8/17/2016	2100	24.83	8.03	8.43
8/17/2016	2200	24.77	8.02	8.43
8/17/2016	2300	24.75	8.03	8.53
8/18/2016	0	24.72	8.04	8.53
8/18/2016	100	24.72	8.05	8.57
8/18/2016	200	24.71	8.07	8.61
8/18/2016	300	24.64	8.08	8.59
8/18/2016	400	24.55	8.04	8.56
8/18/2016	500	24.42	8.02	8.46
8/18/2016	600	24.26	8.00	8.31
8/18/2016	700	24.09	7.96	8.13
8/18/2016	800	23.88	7.94	7.83
8/18/2016	900	23.72	7.84	7.63
8/18/2016	1000	23.63	7.81	7.44
8/18/2016	1100	23.63	7.78	7.37
8/18/2016	1200	23.73	7.76	7.32
8/18/2016	1300	23.87	7.77	7.34
8/18/2016	1400	24.05	7.79	7.39
8/18/2016	1500	24.20	7.75	7.47
8/18/2016	1600	24.37	7.79	7.57
8/18/2016	1700	24.47	7.84	7.69
8/18/2016	1800	24.57	7.85	7.84
8/18/2016	1900	24.66	7.89	8.00
8/18/2016	2000	24.74	7.93	8.13
8/18/2016	2100	24.82	7.97	8.26
8/18/2016	2200	24.88	7.99	8.33
8/18/2016	2300	24.91	8.01	8.35
8/19/2016	0	24.93	8.03	8.34
8/19/2016	100	24.92	8.03	8.32
8/19/2016	200	24.88	8.03	8.30
8/19/2016	300	24.80	8.01	8.22
8/19/2016	400	24.68	8.00	8.07
8/19/2016	500	24.55	7.96	7.95
8/19/2016	600	24.40	7.92	7.73
8/19/2016	700	24.25	7.88	7.51
8/19/2016	800	24.11	7.79	7.30
8/19/2016	900	23.96	7.77	7.10
8/19/2016	1000	23.83	7.75	6.91
8/19/2016	1100	23.73	7.71	6.78
8/19/2016	1200	23.71	7.69	6.71
8/19/2016	1300	23.77	7.71	6.69
8/19/2016	1400	23.80	7.69	6.71
8/19/2016	1500	23.89	7.72	6.80
8/19/2016	1600	23.96	7.73	6.87
8/19/2016	1700	23.98	7.73	6.93
8/19/2016	1800	24.05	7.75	6.98
8/19/2016	1900	24.07	7.77	7.09
8/19/2016	2000	24.08	7.77	7.15
8/19/2016	2100	24.06	7.80	7.22
8/19/2016	2200	24.02	7.81	7.30
8/19/2016	2300	24.00	7.82	7.35
8/20/2016	0	23.96	7.82	7.39
8/20/2016	100	23.92	7.86	7.43
8/20/2016	200	23.88	7.84	7.44
8/20/2016	300	23.84	7.86	7.48
8/20/2016	400	23.78	7.86	7.49
8/20/2016	500	23.72	7.85	7.45
8/20/2016	600	23.63	7.83	7.34
8/20/2016	700	23.54	7.82	7.25
8/20/2016	800	23.44	7.78	7.09
8/20/2016	900	23.34	7.75	6.96
8/20/2016	1000	23.23	7.72	6.85
8/20/2016	1100	23.13	7.69	6.74
8/20/2016	1200	23.06	7.67	6.68
8/20/2016	1300	23.02	7.64	6.64
8/20/2016	1400	23.00	7.67	6.61
8/20/2016	1500	22.96	7.69	6.63
8/20/2016	1600	22.93	7.68	6.70
8/20/2016	1700	22.89	7.70	6.82
8/20/2016	1800	22.88	7.72	6.95
8/20/2016	1900	22.85	7.75	7.06
8/20/2016	2000	22.79	7.78	7.09
8/20/2016	2100	22.77	7.73	7.08
8/20/2016	2200	22.72	7.84	7.96
8/20/2016	2300	22.70	7.84	7.63
8/21/2016	0	22.64	7.78	7.18
8/21/2016	100	22.59	7.76	7.06
8/21/2016	200	22.51	7.76	6.98
8/21/2016	300	22.37	7.73	6.97
8/21/2016	400	22.23	7.72	6.87
8/21/2016	500	22.16	7.70	6.80
8/21/2016	600	22.09	7.70	6.75
8/21/2016	700	22.01	7.71	6.77
8/21/2016	800	21.91	7.73	6.95
8/21/2016	900	21.87	7.81	7.46
8/21/2016	1000	22.01	7.83	7.81
8/21/2016	1100	22.19	7.83	7.78
8/21/2016	1200	22.34	7.83	7.66
8/21/2016	1300	22.47	7.84	7.87
8/21/2016	1400	22.61	7.87	7.89
8/21/2016	1500	22.78	7.90	7.96
8/21/2016	1600	22.94	7.95	8.16
8/21/2016	1700	23.12	7.95	8.10
8/21/2016	1800	23.15	7.98	8.05
8/21/2016	1900	23.04	7.99	8.20
8/21/2016	2000	22.91	7.97	8.04
8/21/2016	2100	22.79	7.95	8.02
8/21/2016	2200	22.63	7.94	8.05
8/21/2016	2300	22.50	7.92	7.97
8/22/2016	0	22.27	7.89	8.01
8/22/2016	100	22.12	7.85	7.67
8/22/2016	200	21.95	7.83	7.74
8/22/2016	300	21.83	7.80	7.35
8/22/2016	400	21.71	7.79	7.38
8/22/2016	500	21.62	7.79	7.70
8/22/2016	600	21.56	7.77	7.59
8/22/2016	700	21.40	7.78	7.86
8/22/2016	800	21.48	7.79	7.77
8/22/2016	900	21.52	7.78	7.72
8/22/2016	1000	21.67	7.77	7.45
8/22/2016	1100	21.85	7.83	7.95
8/22/2016	1200	22.05	7.84	7.95
8/22/2016	1300	22.24	7.88	8.00
8/22/2016	1400	22.53	7.92	8.10
8/22/2016	1500	22.77	7.94	8.16
8/22/2016	1600	22.97	8.00	8.33
8/22/2016	1700	23.06	8.03	8.38
8/22/2016	1800	23.08	8.04	8.43
8/22/2016	1900	22.97	8.04	8.44
8/22/2016	2000	22.90	8.02	8.35
8/22/2016	2100	22.75	8.01	8.34
8/22/2016	2200	22.58	7.99	8.32
8/22/2016	2300	22.38	7.94	8.18
8/23/2016	0	22.07	7.91	8.22
8/23/2016	100	21.98	7.87	8.04

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
8/23/2016	200	21.84	7.85	8.09
8/23/2016	300	21.74	7.82	7.98
8/23/2016	400	21.65	7.79	7.87
8/23/2016	500	21.57	7.83	8.02
8/23/2016	600	21.48	7.80	7.93
8/23/2016	700	21.44	7.78	7.83
8/23/2016	800	21.40	7.76	7.60
8/23/2016	900	21.43	7.73	7.54
8/23/2016	1000	21.49	7.74	7.33
8/23/2016	1100	21.61	7.71	7.22
8/23/2016	1200	21.78	7.73	7.35
8/23/2016	1300	21.99	7.77	7.51
8/23/2016	1400	22.19	7.80	7.71
8/23/2016	1500	22.42	7.86	7.95
8/23/2016	1600	22.62	7.90	8.17
8/23/2016	1700	22.76	7.94	8.32
8/23/2016	1800	22.86	7.97	8.46
8/23/2016	1900	22.85	8.01	8.51
8/23/2016	2000	22.79	8.00	8.51
8/23/2016	2100	22.68	7.99	8.46
8/23/2016	2200	22.53	7.96	8.34
8/23/2016	2300	22.35	7.93	8.21
8/24/2016	0	22.17	7.88	8.03
8/24/2016	100	21.98	7.82	7.83
8/24/2016	200	21.80	7.78	7.65
8/24/2016	300	21.66	7.75	7.49
8/24/2016	400	21.56	7.73	7.35
8/24/2016	500	21.45	7.70	7.30
8/24/2016	600	21.41	7.70	7.27
8/24/2016	700	21.36	7.70	7.21
8/24/2016	800	21.33	7.69	7.20
8/24/2016	900	21.31	7.68	7.20
8/24/2016	1000	21.31	7.68	7.20
8/24/2016	1100	21.30	7.68	7.23
8/24/2016	1200	21.32	7.68	7.22
8/24/2016	1300	21.36	7.69	7.26
8/24/2016	1400	21.40	7.69	7.38
8/24/2016	1500	21.51	7.71	7.48
8/24/2016	1600	21.63	7.72	7.63
8/24/2016	1700	21.70	7.77	7.74
8/24/2016	1800	21.76	7.77	7.85
8/24/2016	1900	21.78	7.78	7.91
8/24/2016	2000	21.79	7.80	7.94
8/24/2016	2100	21.77	7.81	7.94
8/24/2016	2200	21.74	7.83	7.93
8/24/2016	2300	21.69	7.84	7.95
8/25/2016	0	21.60	7.79	7.92
8/25/2016	100	21.51	7.78	7.87
8/25/2016	200	21.41	7.75	7.80
8/25/2016	300	21.32	7.73	7.67
8/25/2016	400	21.22	7.72	7.54
8/25/2016	500	21.16	7.69	7.47
8/25/2016	600	21.10	7.74	7.41
8/25/2016	700	21.05	7.68	7.38
8/25/2016	800	21.01	7.69	7.32
8/25/2016	900	21.03	7.68	7.30
8/25/2016	1000	21.09	7.69	7.35
8/25/2016	1100	21.24	7.70	7.41
8/25/2016	1200	21.45	7.70	7.53
8/25/2016	1300	21.68	7.76	7.66
8/25/2016	1400	21.92	7.79	7.81
8/25/2016	1500	22.15	7.80	8.02
8/25/2016	1600	22.34	7.87	8.25
8/25/2016	1700	22.48	7.91	8.48
8/25/2016	1800	22.58	7.95	8.70
8/25/2016	1900	22.61	7.97	8.83
8/25/2016	2000	22.60	8.00	8.92
8/25/2016	2100	22.53	8.01	8.91
8/25/2016	2200	22.41	7.99	8.91
8/25/2016	2300	22.26	7.99	8.82
8/26/2016	0	22.09	7.94	8.71
8/26/2016	100	21.90	7.91	8.55
8/26/2016	200	21.71	7.84	8.36
8/26/2016	300	21.52	7.81	8.15
8/26/2016	400	21.33	7.76	7.96
8/26/2016	500	21.18	7.72	7.83
8/26/2016	600	21.07	7.70	7.73
8/26/2016	700	20.98	7.68	7.68
8/26/2016	800	20.92	7.71	7.64
8/26/2016	900	20.91	7.67	7.66
8/26/2016	1000	20.97	7.69	7.71
8/26/2016	1100	21.13	7.71	7.79
8/26/2016	1200	21.32	7.73	7.88
8/26/2016	1300	21.54	7.75	8.02
8/26/2016	1400	21.76	7.76	8.15
8/26/2016	1500	21.90	7.81	8.30
8/26/2016	1600	22.01	7.83	8.45
8/26/2016	1700	22.14	7.86	8.61
8/26/2016	1800	22.26	7.92	8.78
8/26/2016	1900	22.32	7.89	8.89
8/26/2016	2000	22.30	7.95	8.89
8/26/2016	2100	22.22	7.94	8.89
8/26/2016	2200	22.09	7.91	8.81
8/26/2016	2300	21.94	7.89	8.74
8/27/2016	0	21.79	7.88	8.63
8/27/2016	100	21.62	7.83	8.48
8/27/2016	200	21.46	7.78	8.32
8/27/2016	300	21.30	7.75	8.14
8/27/2016	400	21.19	7.70	7.96
8/27/2016	500	21.09	7.67	7.84
8/27/2016	600	21.04	7.67	7.75
8/27/2016	700	21.01	7.66	7.68
8/27/2016	800	21.00	7.60	7.64
8/27/2016	900	21.01	7.64	7.60
8/27/2016	1000	21.05	7.65	7.66
8/27/2016	1100	21.15	7.66	7.69
8/27/2016	1200	21.29	7.68	7.76
8/27/2016	1300	21.47	7.70	7.89
8/27/2016	1400	21.56	7.72	7.98
8/27/2016	1500	21.60	7.73	8.06
8/27/2016	1600	21.68	7.75	8.14
8/27/2016	1700	21.77	7.78	8.28
8/27/2016	1800	21.82	7.79	8.41
8/27/2016	1900	21.87	7.83	8.49
8/27/2016	2000	21.84	7.83	8.51
8/27/2016	2100	21.79	7.82	8.47
8/27/2016	2200	21.71	7.81	8.42
8/27/2016	2300	21.61	7.78	8.33
8/28/2016	0	21.51	7.77	8.21
8/28/2016	100	21.40	7.73	8.13
8/28/2016	200	21.31	7.71	7.99
8/28/2016	300	21.21	7.69	7.89
8/28/2016	400	21.12	7.66	7.79
8/28/2016	500	21.07	7.65	7.71
8/28/2016	600	21.04	7.65	7.65
8/28/2016	700	21.01	7.65	7.63
8/28/2016	800	21.00	7.63	7.61
8/28/2016	900	21.04	7.64	7.63
8/28/2016	1000	21.11	7.63	7.67
8/28/2016	1100	21.27	7.68	7.75
8/28/2016	1200	21.47	7.69	7.84
8/28/2016	1300	21.72	7.70	7.94
8/28/2016	1400	21.99	7.71	8.08
8/28/2016	1500	22.26	7.75	8.22

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
8/28/2016	1600	22.49	7.77	8.37
8/28/2016	1700	22.65	7.83	8.52
8/28/2016	1800	22.75	7.87	8.70
8/28/2016	1900	22.80	7.89	8.82
8/28/2016	2000	22.82	7.87	8.89
8/28/2016	2100	22.83	7.93	8.97
8/28/2016	2200	22.79	7.93	8.94
8/28/2016	2300	22.70	7.92	8.93
8/29/2016	0	22.53	7.91	8.86
8/29/2016	100	22.34	7.88	8.76
8/29/2016	200	22.10	7.84	8.57
8/29/2016	300	21.86	7.79	8.37
8/29/2016	400	21.65	7.76	8.18
8/29/2016	500	21.47	7.73	8.01
8/29/2016	600	21.35	7.68	7.85
8/29/2016	700	21.26	7.66	7.74
8/29/2016	800	21.23	7.64	7.69
8/29/2016	900	21.24	7.64	7.68
8/29/2016	1000	21.29	7.65	7.69
8/29/2016	1100	21.37	7.66	7.73
8/29/2016	1200	21.50	7.64	7.82
8/29/2016	1300	21.69	7.69	7.92
8/29/2016	1400	21.89	7.70	7.99
8/29/2016	1500	22.08	7.72	8.09
8/29/2016	1600	22.27	7.76	8.16
8/29/2016	1700	22.44	7.78	8.30
8/29/2016	1800	22.57	7.81	8.38
8/29/2016	1900	22.61	7.83	8.43
8/29/2016	2000	22.63	7.83	8.47
8/29/2016	2100	22.66	7.87	8.52
8/29/2016	2200	22.69	7.88	8.52
8/29/2016	2300	22.70	7.90	8.55
8/30/2016	0	22.68	7.91	8.51
8/30/2016	100	22.63	7.91	8.46
8/30/2016	200	22.54	7.90	8.35
8/30/2016	300	22.43	7.86	8.21
8/30/2016	400	22.31	7.82	8.04
8/30/2016	500	22.18	7.78	7.86
8/30/2016	600	22.04	7.74	7.65
8/30/2016	700	21.91	7.71	7.49
8/30/2016	800	21.80	7.68	7.35
8/30/2016	900	21.74	7.66	7.23
8/30/2016	1000	21.73	7.67	7.20
8/30/2016	1100	21.81	7.65	7.24
8/30/2016	1200	21.96	7.67	7.32
8/30/2016	1300	22.19	7.70	7.41
8/30/2016	1400	22.40	7.72	7.52
8/30/2016	1500	22.57	7.75	7.62
8/30/2016	1600	22.66	7.77	7.73
8/30/2016	1700	22.73	7.80	7.85
8/30/2016	1800	22.77	7.81	7.94
8/30/2016	1900	22.79	7.83	8.01
8/30/2016	2000	22.78	7.87	8.12
8/30/2016	2100	22.77	7.89	8.19
8/30/2016	2200	22.72	7.90	8.25
8/30/2016	2300	22.66	7.90	8.29
8/31/2016	0	22.59	7.91	8.29
8/31/2016	100	22.48	7.94	8.34
8/31/2016	200	22.35	7.94	8.31
8/31/2016	300	22.17	7.92	8.27
8/31/2016	400	21.99	7.89	8.17
8/31/2016	500	21.79	7.85	8.02
8/31/2016	600	21.58	7.82	7.87
8/31/2016	700	21.36	7.77	7.71
8/31/2016	800	21.18	7.73	7.57
8/31/2016	900	21.07	7.70	7.41
8/31/2016	1000	21.03	7.69	7.32
8/31/2016	1100	21.10	7.69	7.31
8/31/2016	1200	21.17	7.69	7.34
8/31/2016	1300	21.28	7.71	7.37
8/31/2016	1400	21.38	7.72	7.42
8/31/2016	1500	21.47	7.73	7.48
8/31/2016	1600	21.54	7.75	7.56
8/31/2016	1700	21.61	7.77	7.65
8/31/2016	1800	21.68	7.79	7.78
8/31/2016	1900	21.74	7.82	7.88
8/31/2016	2000	21.78	7.84	8.02
8/31/2016	2100	21.83	7.87	8.12
8/31/2016	2200	21.85	7.89	8.17
8/31/2016	2300	21.88	7.92	8.24
9/1/2016	0	21.89	7.91	8.28
9/1/2016	100	21.87	7.92	8.28
9/1/2016	200	21.79	7.92	8.25
9/1/2016	300	21.66	7.89	8.14
9/1/2016	400	21.51	7.86	8.00
9/1/2016	500	21.34	7.82	7.85
9/1/2016	600	21.19	7.78	7.68
9/1/2016	700	21.03	7.73	7.51
9/1/2016	800	20.91	7.71	7.37
9/1/2016	900	20.82	7.69	7.26
9/1/2016	1000	20.78	7.67	7.19
9/1/2016	1100	20.78	7.69	7.19
9/1/2016	1200	20.84	7.69	7.24
9/1/2016	1300	20.92	7.70	7.30
9/1/2016	1400	21.06	7.72	7.39
9/1/2016	1500	21.25	7.75	7.53
9/1/2016	1600	21.43	7.77	7.63
9/1/2016	1700	21.57	7.80	7.74
9/1/2016	1800	21.66	7.82	7.87
9/1/2016	1900	21.72	7.85	8.01
9/1/2016	2000	21.72	7.89	8.11
9/1/2016	2100	21.69	7.89	8.16
9/1/2016	2200	21.65	7.90	8.21
9/1/2016	2300	21.64	7.92	8.23
9/2/2016	0	21.63	7.94	8.28
9/2/2016	100	21.61	7.93	8.33
9/2/2016	200	21.53	7.96	8.34
9/2/2016	300	21.40	7.94	8.27
9/2/2016	400	21.23	7.91	8.15
9/2/2016	500	21.04	7.87	8.05
9/2/2016	600	20.83	7.84	7.87
9/2/2016	700	20.62	7.79	7.69
9/2/2016	800	20.43	7.76	7.52
9/2/2016	900	20.32	7.72	7.41
9/2/2016	1000	20.29	7.70	7.34
9/2/2016	1100	20.37	7.73	7.32
9/2/2016	1200	20.51	7.71	7.32
9/2/2016	1300	20.72	7.72	7.39
9/2/2016	1400	20.96	7.75	7.47
9/2/2016	1500	21.20	7.76	7.56
9/2/2016	1600	21.44	7.78	7.65
9/2/2016	1700	21.66	7.80	7.79
9/2/2016	1800	21.79	7.83	7.92
9/2/2016	1900	21.87	7.88	8.07
9/2/2016	2000	21.92	7.90	8.19
9/2/2016	2100	21.95	7.93	8.30
9/2/2016	2200	22.00	7.95	8.35
9/2/2016	2300	22.07	7.97	8.43
9/3/2016	0	22.12	7.99	8.47
9/3/2016	100	22.11	8.01	8.51
9/3/2016	200	22.03	8.02	8.54
9/3/2016	300	21.89	7.99	8.47
9/3/2016	400	21.70	7.96	8.36
9/3/2016	500	21.48	7.92	8.19

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
9/3/2016	600	21.22	7.88	8.00
9/3/2016	700	20.97	7.84	7.80
9/3/2016	800	20.75	7.79	7.65
9/3/2016	900	20.60	7.75	7.49
9/3/2016	1000	20.55	7.74	7.38
9/3/2016	1100	20.60	7.73	7.37
9/3/2016	1200	20.73	7.76	7.41
9/3/2016	1300	20.91	7.75	7.46
9/3/2016	1400	21.07	7.77	7.54
9/3/2016	1500	21.32	7.80	7.65
9/3/2016	1600	21.54	7.81	7.78
9/3/2016	1700	21.71	7.84	7.90
9/3/2016	1800	21.82	7.88	8.02
9/3/2016	1900	21.85	7.91	8.14
9/3/2016	2000	21.88	7.94	8.23
9/3/2016	2100	21.90	7.93	8.32
9/3/2016	2200	21.93	7.97	8.40
9/3/2016	2300	21.93	7.99	8.44
9/4/2016	0	21.94	8.02	8.51
9/4/2016	100	21.90	8.03	8.57
9/4/2016	200	21.80	8.03	8.57
9/4/2016	300	21.66	8.02	8.47
9/4/2016	400	21.48	7.98	8.35
9/4/2016	500	21.27	7.94	8.19
9/4/2016	600	21.04	7.90	8.02
9/4/2016	700	20.80	7.85	7.84
9/4/2016	800	20.59	7.81	7.66
9/4/2016	900	20.45	7.78	7.49
9/4/2016	1000	20.39	7.75	7.40
9/4/2016	1100	20.45	7.75	7.38
9/4/2016	1200	20.55	7.76	7.41
9/4/2016	1300	20.67	7.77	7.46
9/4/2016	1400	20.80	7.79	7.54
9/4/2016	1500	20.98	7.80	7.62
9/4/2016	1600	21.12	7.82	7.71
9/4/2016	1700	21.26	7.86	7.81
9/4/2016	1800	21.37	7.88	7.92
9/4/2016	1900	21.46	7.92	8.08
9/4/2016	2000	21.50	7.94	8.18
9/4/2016	2100	21.51	7.96	8.20
9/4/2016	2200	21.52	7.97	8.28
9/4/2016	2300	21.52	7.98	8.32
9/5/2016	0	21.50	7.98	8.35
9/5/2016	100	21.45	8.00	8.34
9/5/2016	200	21.39	7.99	8.31
9/5/2016	300	21.32	7.97	8.26
9/5/2016	400	21.22	7.94	8.16
9/5/2016	500	21.11	7.91	8.06
9/5/2016	600	20.96	7.89	7.90
9/5/2016	700	20.80	7.87	7.75
9/5/2016	800	20.67	7.83	7.58
9/5/2016	900	20.56	7.81	7.46
9/5/2016	1000	20.50	7.79	7.37
9/5/2016	1100	20.52	7.78	7.33
9/5/2016	1200	20.58	7.78	7.35
9/5/2016	1300	20.71	7.81	7.42
9/5/2016	1400	20.88	7.82	7.50
9/5/2016	1500	21.07	7.85	7.61
9/5/2016	1600	21.21	7.86	7.70
9/5/2016	1700	21.35	7.88	7.79
9/5/2016	1800	21.44	7.89	7.86
9/5/2016	1900	21.49	7.91	7.93
9/5/2016	2000	21.52	7.91	7.97
9/5/2016	2100	21.56	7.92	8.02
9/5/2016	2200	21.58	7.94	8.09
9/5/2016	2300	21.61	7.95	8.10
9/6/2016	0	21.64	7.97	8.16
9/6/2016	100	21.65	7.98	8.21
9/6/2016	200	21.65	7.98	8.20
9/6/2016	300	21.60	7.97	8.15
9/6/2016	400	21.55	7.95	8.09
9/6/2016	500	21.47	7.92	7.96
9/6/2016	600	21.38	7.88	7.83
9/6/2016	700	21.27	7.86	7.66
9/6/2016	800	21.16	7.81	7.53
9/6/2016	900	21.06	7.80	7.41
9/6/2016	1000	20.96	7.76	7.28
9/6/2016	1100	20.85	7.75	7.20
9/6/2016	1200	20.80	7.74	7.16
9/6/2016	1300	20.80	7.75	7.21
9/6/2016	1400	20.90	7.75	7.27
9/6/2016	1500	21.03	7.78	7.37
9/6/2016	1600	21.13	7.78	7.46
9/6/2016	1700	21.23	7.82	7.61
9/6/2016	1800	21.29	7.85	7.69
9/6/2016	1900	21.30	7.84	7.77
9/6/2016	2000	21.28	7.85	7.81
9/6/2016	2100	21.26	7.86	7.86
9/6/2016	2200	21.23	7.88	7.89
9/6/2016	2300	21.17	7.88	7.85
9/7/2016	0	21.10	7.87	7.81
9/7/2016	100	21.02	7.83	7.67
9/7/2016	200	20.93	7.81	7.58
9/7/2016	300	20.88	7.80	7.51
9/7/2016	400	20.84	7.78	7.43
9/7/2016	500	20.81	7.77	7.39
9/7/2016	600	20.81	7.78	7.39
9/7/2016	700	20.81	7.77	7.35
9/7/2016	800	20.82	7.77	7.35
9/7/2016	900	20.84	7.77	7.37
9/7/2016	1000	20.87	7.78	7.35
9/7/2016	1100	20.89	7.77	7.43
9/7/2016	1200	20.93	7.81	7.41
9/7/2016	1300	20.97	7.83	7.71
9/7/2016	1400	21.00	7.86	7.87
9/7/2016	1500	21.04	7.86	7.80
9/7/2016	1600	21.08	7.88	7.92
9/7/2016	1700	21.13	7.88	7.75
9/7/2016	1800	21.16	7.88	7.84
9/7/2016	1900	21.15	7.91	7.83
9/7/2016	2000	21.13	7.91	8.03
9/7/2016	2100	21.10	7.88	7.91
9/7/2016	2200	21.06	7.88	7.82
9/7/2016	2300	21.03	7.86	7.72
9/8/2016	0	20.99	7.85	7.75
9/8/2016	100	20.95	7.82	7.49
9/8/2016	200	20.90	7.83	7.56
9/8/2016	300	20.90	7.82	7.59
9/8/2016	400	20.86	7.82	7.48
9/8/2016	500	20.87	7.87	8.10
9/8/2016	600	20.87	7.88	8.08
9/8/2016	700	20.85	7.87	7.84
9/8/2016	800	20.84	7.90	8.37
9/8/2016	900	20.88	7.87	8.13
9/8/2016	1000	20.94	7.90	8.53
9/8/2016	1100	21.04	7.91	8.52
9/8/2016	1200	21.19	7.93	8.37
9/8/2016	1300	21.44	7.99	8.64
9/8/2016	1400	21.64	8.01	8.66
9/8/2016	1500	21.77	8.03	8.63
9/8/2016	1600	21.89	8.07	8.71
9/8/2016	1700	21.91	8.07	8.62
9/8/2016	1800	21.84	8.06	8.64
9/8/2016	1900	21.69	8.09	8.74

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
9/8/2016	2000	21.51	8.07	8.72
9/8/2016	2100	21.35	8.02	8.55
9/8/2016	2200	21.17	7.98	8.41
9/8/2016	2300	21.01	8.00	8.72
9/9/2016	0	20.87	7.94	8.55
9/9/2016	100	20.77	7.94	8.61
9/9/2016	200	20.71	7.92	8.38
9/9/2016	300	20.65	7.93	8.26
9/9/2016	400	20.59	7.91	8.17
9/9/2016	500	20.53	7.92	8.60
9/9/2016	600	20.48	7.90	8.40
9/9/2016	700	20.42	7.90	8.09
9/9/2016	800	20.39	7.93	8.59
9/9/2016	900	20.42	7.92	8.36
9/9/2016	1000	20.46	7.95	8.52
9/9/2016	1100	20.48	7.96	8.49
9/9/2016	1200	20.50	7.95	8.51
9/9/2016	1300	20.57	7.97	8.61
9/9/2016	1400	20.65	7.97	8.45
9/9/2016	1500	20.69	8.01	8.65
9/9/2016	1600	20.72	7.98	8.50
9/9/2016	1700	20.77	8.00	8.52
9/9/2016	1800	20.80	8.02	8.66
9/9/2016	1900	20.78	8.03	8.62
9/9/2016	2000	20.72	8.02	8.66
9/9/2016	2100	20.65	8.00	8.69
9/9/2016	2200	20.61	7.99	8.64
9/9/2016	2300	20.56	7.97	8.67
9/10/2016	0	20.50	7.95	8.51
9/10/2016	100	20.45	7.93	8.34
9/10/2016	200	20.42	7.92	8.46
9/10/2016	300	20.40	7.92	8.41
9/10/2016	400	20.38	7.93	8.53
9/10/2016	500	20.36	7.92	8.39
9/10/2016	600	20.33	7.91	8.49
9/10/2016	700	20.31	7.91	8.43
9/10/2016	800	20.28	7.91	8.24
9/10/2016	900	20.18	7.91	8.30
9/10/2016	1000	20.12	7.92	8.39
9/10/2016	1100	20.10	7.91	8.31
9/10/2016	1200	20.08	7.92	8.41
9/10/2016	1300	20.10	7.91	8.29
9/10/2016	1400	20.10	7.93	8.46
9/10/2016	1500	20.11	7.94	8.40
9/10/2016	1600	20.13	7.96	8.44
9/10/2016	1700	20.09	7.96	8.46
9/10/2016	1800	20.09	7.97	8.56
9/10/2016	1900	20.04	7.95	8.39
9/10/2016	2000	19.93	7.98	8.54
9/10/2016	2100	19.87	7.97	8.59
9/10/2016	2200	19.77	7.96	8.53
9/10/2016	2300	19.65	7.94	8.30
9/11/2016	0	19.53	7.94	8.47
9/11/2016	100	19.41	7.92	8.51
9/11/2016	200	19.35	7.91	8.54
9/11/2016	300	19.30	7.88	8.17
9/11/2016	400	19.23	7.89	8.48
9/11/2016	500	19.19	7.88	8.37
9/11/2016	600	19.16	7.89	8.42
9/11/2016	700	19.12	7.90	8.51
9/11/2016	800	19.13	7.87	8.19
9/11/2016	900	19.18	7.88	8.47
9/11/2016	1000	19.30	7.88	8.36
9/11/2016	1100	19.45	7.91	8.55
9/11/2016	1200	19.62	7.94	8.52
9/11/2016	1300	19.80	7.96	8.57
9/11/2016	1400	20.05	7.96	8.52
9/11/2016	1500	20.22	7.99	8.56
9/11/2016	1600	20.41	8.02	8.60
9/11/2016	1700	20.47	8.05	8.68
9/11/2016	1800	20.45	8.05	8.71
9/11/2016	1900	20.33	8.03	8.67
9/11/2016	2000	20.19	8.01	8.56
9/11/2016	2100	20.05	7.99	8.56
9/11/2016	2200	19.89	7.99	8.64
9/11/2016	2300	19.71	7.97	8.54
9/12/2016	0	19.55	7.91	8.41
9/12/2016	100	19.41	7.89	8.46
9/12/2016	200	19.27	7.87	8.31
9/12/2016	300	19.16	7.86	8.40
9/12/2016	400	19.07	7.86	8.41
9/12/2016	500	19.02	7.84	8.00
9/12/2016	600	18.96	7.85	8.34
9/12/2016	700	18.91	7.84	8.18
9/12/2016	800	18.86	7.83	8.01
9/12/2016	900	18.87	7.84	8.29
9/12/2016	1000	18.93	7.87	8.73
9/12/2016	1100	19.05	7.86	8.30
9/12/2016	1200	19.23	7.89	8.60
9/12/2016	1300	19.45	7.93	8.72
9/12/2016	1400	19.70	7.94	8.57
9/12/2016	1500	19.92	7.95	8.69
9/12/2016	1600	20.08	8.01	8.83
9/12/2016	1700	20.15	8.03	8.82
9/12/2016	1800	20.12	8.03	8.76
9/12/2016	1900	20.03	8.03	8.83
9/12/2016	2000	19.89	8.01	8.83
9/12/2016	2100	19.75	8.00	8.78
9/12/2016	2200	19.59	7.97	8.68
9/12/2016	2300	19.45	7.94	8.73
9/13/2016	0	19.33	7.91	8.75
9/13/2016	100	19.26	7.89	8.48
9/13/2016	200	19.22	7.90	8.56
9/13/2016	300	19.19	7.87	8.36
9/13/2016	400	19.16	7.87	8.31
9/13/2016	500	19.14	7.88	8.61
9/13/2016	600	19.11	7.88	8.70
9/13/2016	700	19.09	7.86	8.60
9/13/2016	800	19.03	7.86	8.66
9/13/2016	900	18.99	7.84	8.45
9/13/2016	1000	18.97	7.86	8.58
9/13/2016	1100	18.99	7.86	8.46
9/13/2016	1200	19.06	7.87	8.61
9/13/2016	1300	19.18	7.88	8.60
9/13/2016	1400	19.28	7.91	8.80
9/13/2016	1500	19.35	7.91	8.68
9/13/2016	1600	19.49	7.95	8.70
9/13/2016	1700	19.56	7.98	8.81
9/13/2016	1800	19.51	7.97	8.82
9/13/2016	1900	19.45	7.96	8.79
9/13/2016	2000	19.37	7.95	8.74
9/13/2016	2100	19.27	7.93	8.71
9/13/2016	2200	19.14	7.90	8.63
9/13/2016	2300	19.02	7.89	8.53
9/14/2016	0	18.91	7.86	8.45
9/14/2016	100	18.82	7.85	8.50
9/14/2016	200	18.75	7.84	8.37
9/14/2016	300	18.69	7.82	8.24
9/14/2016	400	18.63	7.80	8.41
9/14/2016	500	18.59	7.81	8.48
9/14/2016	600	18.55	7.76	7.96
9/14/2016	700	18.50	7.77	8.07
9/14/2016	800	18.48	7.76	8.06
9/14/2016	900	18.52	7.76	8.21

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
9/14/2016	1000	18.61	7.75	7.95
9/14/2016	1100	18.67	7.77	7.99
9/14/2016	1200	18.79	7.77	8.01
9/14/2016	1300	19.12	7.79	8.06
9/14/2016	1400	19.38	7.81	8.18
9/14/2016	1500	19.56	7.83	8.28
9/14/2016	1600	19.74	7.87	8.40
9/14/2016	1700	19.80	7.87	8.46
9/14/2016	1800	19.89	7.90	8.53
9/14/2016	1900	19.92	7.90	8.53
9/14/2016	2000	19.84	7.90	8.50
9/14/2016	2100	19.71	7.88	8.46
9/14/2016	2200	19.55	7.89	8.41
9/14/2016	2300	19.33	7.84	8.34
9/15/2016	0	19.09	7.81	8.17
9/15/2016	100	18.87	7.78	8.05
9/15/2016	200	18.70	7.75	7.96
9/15/2016	300	18.59	7.73	7.93
9/15/2016	400	18.50	7.72	7.89
9/15/2016	500	18.44	7.69	7.78
9/15/2016	600	18.42	7.70	7.83
9/15/2016	700	18.41	7.70	7.79
9/15/2016	800	18.42	7.71	7.77
9/15/2016	900	18.45	7.70	7.78
9/15/2016	1000	18.54	7.70	7.82
9/15/2016	1100	18.69	7.71	7.89
9/15/2016	1200	18.89	7.74	7.92
9/15/2016	1300	19.11	7.75	7.94
9/15/2016	1400	19.32	7.76	8.07
9/15/2016	1500	19.47	7.79	8.16
9/15/2016	1600	19.59	7.79	8.25
9/15/2016	1700	19.70	7.85	8.39
9/15/2016	1800	19.77	7.85	8.47
9/15/2016	1900	19.73	7.86	8.48
9/15/2016	2000	19.65	7.85	8.47
9/15/2016	2100	19.53	7.79	8.38
9/15/2016	2200	19.40	7.82	8.32
9/15/2016	2300	19.26	7.80	8.19
9/16/2016	0	19.12	7.80	8.12
9/16/2016	100	18.99	7.76	8.01
9/16/2016	200	18.88	7.74	7.93
9/16/2016	300	18.79	7.69	7.83
9/16/2016	400	18.72	7.71	7.85
9/16/2016	500	18.68	7.70	7.79
9/16/2016	600	18.64	7.69	7.84
9/16/2016	700	18.62	7.69	7.76
9/16/2016	800	18.61	7.69	7.79
9/16/2016	900	18.60	7.69	7.76
9/16/2016	1000	18.61	7.69	7.70
9/16/2016	1100	18.61	7.69	7.76
9/16/2016	1200	18.61	7.71	7.78
9/16/2016	1300	18.59	7.72	7.85
9/16/2016	1400	18.59	7.77	8.29
9/16/2016	1500	18.62	7.81	8.41
9/16/2016	1600	18.70	7.85	8.74
9/16/2016	1700	18.74	7.81	8.43
9/16/2016	1800	18.77	7.84	8.55
9/16/2016	1900	18.79	7.83	8.63
9/16/2016	2000	18.79	7.84	8.69
9/16/2016	2100	18.78	7.82	8.53
9/16/2016	2200	18.79	7.84	8.57
9/16/2016	2300	18.73	7.83	8.68
9/17/2016	0	18.67	7.82	8.54
9/17/2016	100	18.60	7.82	8.64
9/17/2016	200	18.55	7.80	8.45
9/17/2016	300	18.51	7.81	8.66
9/17/2016	400	18.47	7.82	8.51
9/17/2016	500	18.44	7.78	8.50
9/17/2016	600	18.42	7.81	8.71
9/17/2016	700	18.40	7.75	8.15
9/17/2016	800	18.41	7.77	8.53
9/17/2016	900	18.44	7.79	8.26
9/17/2016	1000	18.50	7.78	8.31
9/17/2016	1100	18.66	7.80	8.47
9/17/2016	1200	18.85	7.82	8.60
9/17/2016	1300	18.97	7.83	8.45
9/17/2016	1400	19.12	7.83	8.57
9/17/2016	1500	19.25	7.86	8.73
9/17/2016	1600	19.28	7.89	8.63
9/17/2016	1700	19.34	7.90	8.80
9/17/2016	1800	19.30	7.89	8.61
9/17/2016	1900	19.18	7.90	8.77
9/17/2016	2000	19.03	7.87	8.80
9/17/2016	2100	18.89	7.86	8.55
9/17/2016	2200	18.75	7.87	8.67
9/17/2016	2300	18.61	7.81	8.48
9/18/2016	0	18.51	7.81	8.75
9/18/2016	100	18.45	7.81	8.73
9/18/2016	200	18.40	7.80	8.71
9/18/2016	300	18.35	7.81	8.61
9/18/2016	400	18.31	7.80	8.65
9/18/2016	500	18.26	7.79	8.58
9/18/2016	600	18.21	7.78	8.64
9/18/2016	700	18.15	7.78	8.42
9/18/2016	800	18.09	7.80	8.86
9/18/2016	900	18.09	7.78	8.90
9/18/2016	1000	18.16	7.80	8.87
9/18/2016	1100	18.31	7.82	8.70
9/18/2016	1200	18.46	7.83	8.63
9/18/2016	1300	18.67	7.85	8.81
9/18/2016	1400	18.87	7.85	8.82
9/18/2016	1500	19.10	7.89	8.81
9/18/2016	1600	19.23	7.88	8.80
9/18/2016	1700	19.28	7.90	8.90
9/18/2016	1800	19.29	7.90	8.89
9/18/2016	1900	19.19	7.89	8.83
9/18/2016	2000	19.10	7.90	8.87
9/18/2016	2100	18.97	7.87	8.81
9/18/2016	2200	18.82	7.84	8.74
9/18/2016	2300	18.67	7.80	8.62
9/19/2016	0	18.56	7.78	8.43
9/19/2016	100	18.45	7.79	8.52
9/19/2016	200	18.36	7.76	8.51
9/19/2016	300	18.33	7.78	8.49
9/19/2016	400	18.30	7.76	8.38
9/19/2016	500	18.26	7.73	8.21
9/19/2016	600	18.22	7.74	8.32
9/19/2016	700	18.21	7.75	8.56
9/19/2016	800	18.18	7.72	8.31
9/19/2016	900	18.19	7.74	8.34
9/19/2016	1000	18.28	7.76	8.68
9/19/2016	1100	18.37	7.77	8.57
9/19/2016	1200	18.46	7.76	8.60
9/19/2016	1300	18.46	7.79	8.59
9/19/2016	1400	18.50	7.79	8.64
9/19/2016	1500	18.59	7.81	8.69
9/19/2016	1600	18.74	7.81	8.61
9/19/2016	1700	18.81	7.83	8.71
9/19/2016	1800	18.75	7.84	8.77
9/19/2016	1900	18.68	7.82	8.69
9/19/2016	2000	18.63	7.82	8.70
9/19/2016	2100	18.60	7.83	8.77
9/19/2016	2200	18.52	7.82	8.75
9/19/2016	2300	18.42	7.80	8.71

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
9/20/2016	0	18.30	7.78	8.61
9/20/2016	100	18.19	7.79	8.76
9/20/2016	200	18.12	7.76	8.48
9/20/2016	300	18.06	7.76	8.72
9/20/2016	400	18.00	7.66	7.97
9/20/2016	500	17.93	7.67	7.97
9/20/2016	600	17.87	7.64	8.00
9/20/2016	700	17.82	7.65	7.92
9/20/2016	800	17.78	7.62	7.92
9/20/2016	900	17.81	7.64	7.94
9/20/2016	1000	17.91	7.70	7.85
9/20/2016	1100	18.08	7.63	7.88
9/20/2016	1200	18.29	7.64	7.92
9/20/2016	1300	18.50	7.66	7.97
9/20/2016	1400	18.66	7.68	8.00
9/20/2016	1500	18.83	7.69	8.07
9/20/2016	1600	18.98	7.70	8.15
9/20/2016	1700	19.08	7.72	8.19
9/20/2016	1800	19.11	7.72	8.22
9/20/2016	1900	19.05	7.73	8.22
9/20/2016	2000	18.91	7.71	8.17
9/20/2016	2100	18.78	7.69	8.11
9/20/2016	2200	18.66	7.66	8.04
9/20/2016	2300	18.55	7.67	7.99
9/21/2016	0	18.45	7.65	7.92
9/21/2016	100	18.35	7.64	7.87
9/21/2016	200	18.28	7.63	7.82
9/21/2016	300	18.23	7.62	7.79
9/21/2016	400	18.19	7.61	7.76
9/21/2016	500	18.16	7.61	7.76
9/21/2016	600	18.14	7.61	7.75
9/21/2016	700	18.11	7.60	7.76
9/21/2016	800	18.08	7.60	7.74
9/21/2016	900	18.07	7.61	7.74
9/21/2016	1000	18.13	7.62	7.75
9/21/2016	1100	18.25	7.62	7.76
9/21/2016	1200	18.42	7.62	7.79
9/21/2016	1300	18.62	7.64	7.82
9/21/2016	1400	18.83	7.64	7.86
9/21/2016	1500	19.03	7.66	7.93
9/21/2016	1600	19.14	7.67	8.01
9/21/2016	1700	19.19	7.69	8.12
9/21/2016	1800	19.21	7.71	8.20
9/21/2016	1900	19.21	7.73	8.21
9/21/2016	2000	19.17	7.69	8.21
9/21/2016	2100	19.06	7.70	8.17
9/21/2016	2200	18.90	7.68	8.12
9/21/2016	2300	18.70	7.66	8.03
9/22/2016	0	18.49	7.64	7.95
9/22/2016	100	18.31	7.62	7.85
9/22/2016	200	18.19	7.60	7.80
9/22/2016	300	18.13	7.59	7.75
9/22/2016	400	18.12	7.59	7.75
9/22/2016	500	18.14	7.57	7.73
9/22/2016	600	18.15	7.59	7.74
9/22/2016	700	18.16	7.58	7.71
9/22/2016	800	18.16	7.59	7.72
9/22/2016	900	18.18	7.58	7.71
9/22/2016	1000	18.20	7.57	7.71
9/22/2016	1100	18.26	7.59	7.70
9/22/2016	1200	18.36	7.57	7.72
9/22/2016	1300	18.52	7.59	7.75
9/22/2016	1400	18.72	7.61	7.81
9/22/2016	1500	18.90	7.64	7.85
9/22/2016	1600	19.00	7.62	7.90
9/22/2016	1700	19.03	7.64	7.97
9/22/2016	1800	19.10	7.66	8.11
9/22/2016	1900	19.11	7.67	8.24
9/22/2016	2000	19.11	7.68	8.33
9/22/2016	2100	19.09	7.67	8.39
9/22/2016	2200	19.02	7.64	8.38
9/22/2016	2300	18.88	7.63	8.34
9/23/2016	0	18.71	7.63	8.30
9/23/2016	100	18.52	7.59	8.23
9/23/2016	200	18.36	7.59	8.17
9/23/2016	300	18.22	7.59	8.13
9/23/2016	400	18.12	7.57	8.08
9/23/2016	500	18.05	7.57	8.09
9/23/2016	600	18.00	7.57	8.08
9/23/2016	700	17.97	7.56	8.05
9/23/2016	800	17.94	7.56	8.06
9/23/2016	900	17.96	7.53	8.08
9/23/2016	1000	18.04	7.58	8.09
9/23/2016	1100	18.19	7.56	8.17
9/23/2016	1200	18.37	7.58	8.19
9/23/2016	1300	18.56	7.59	8.25
9/23/2016	1400	18.74	7.61	8.31
9/23/2016	1500	18.91	7.61	8.34
9/23/2016	1600	19.06	7.66	8.44
9/23/2016	1700	19.20	7.68	8.52
9/23/2016	1800	19.25	7.69	8.59
9/23/2016	1900	19.26	7.70	8.64
9/23/2016	2000	19.21	7.70	8.65
9/23/2016	2100	19.10	7.69	8.63
9/23/2016	2200	18.95	7.68	8.59
9/23/2016	2300	18.76	7.66	8.54
9/24/2016	0	18.54	7.66	8.47
9/24/2016	100	18.30	7.63	8.39
9/24/2016	200	18.09	7.59	8.30
9/24/2016	300	17.93	7.58	8.24
9/24/2016	400	17.83	7.55	8.18
9/24/2016	500	17.80	7.56	8.16
9/24/2016	600	17.78	7.53	8.15
9/24/2016	700	17.78	7.54	8.11
9/24/2016	800	17.79	7.53	8.09
9/24/2016	900	17.81	7.55	8.07
9/24/2016	1000	17.85	7.54	8.10
9/24/2016	1100	17.96	7.57	8.12
9/24/2016	1200	18.13	7.59	8.18
9/24/2016	1300	18.34	7.57	8.23
9/24/2016	1400	18.54	7.59	8.27
9/24/2016	1500	18.73	7.65	8.34
9/24/2016	1600	18.89	7.63	8.39
9/24/2016	1700	19.00	7.66	8.46
9/24/2016	1800	19.06	7.68	8.54
9/24/2016	1900	19.06	7.68	8.57
9/24/2016	2000	19.00	7.70	8.56
9/24/2016	2100	18.93	7.66	8.55
9/24/2016	2200	18.83	7.69	8.53
9/24/2016	2300	18.68	7.67	8.51
9/25/2016	0	18.50	7.62	8.43
9/25/2016	100	18.29	7.66	8.35
9/25/2016	200	18.11	7.60	8.27
9/25/2016	300	17.96	7.58	8.21
9/25/2016	400	17.88	7.57	8.15
9/25/2016	500	17.85	7.56	8.07
9/25/2016	600	17.85	7.55	8.01
9/25/2016	700	17.85	7.54	7.98
9/25/2016	800	17.86	7.53	7.95
9/25/2016	900	17.88	7.51	7.93
9/25/2016	1000	17.91	7.55	7.92
9/25/2016	1100	17.95	7.54	7.93
9/25/2016	1200	17.97	7.56	7.94
9/25/2016	1300	18.00	7.55	7.94

Date	Time	Temp (C)	pH (s.u.)	DO (mg/L)
9/25/2016	1400	18.00	7.56	7.96
9/25/2016	1500	18.02	7.58	8.01
9/25/2016	1600	18.03	7.57	8.04
9/25/2016	1700	18.04	7.59	8.09
9/25/2016	1800	18.03	7.61	8.17
9/25/2016	1900	18.01	7.60	8.19
9/25/2016	2000	17.99	7.60	8.24
9/25/2016	2100	17.96	7.60	8.23
9/25/2016	2200	17.94	7.61	8.12
9/25/2016	2300	17.89	7.55	8.01
9/26/2016	0	17.85	7.55	7.91
9/26/2016	100	17.78	7.55	7.85
9/26/2016	200	17.74	7.54	7.81
9/26/2016	300	17.69	7.57	7.78
9/26/2016	400	17.64	7.55	7.77
9/26/2016	500	17.57	7.55	7.77
9/26/2016	600	17.48	7.51	7.78
9/26/2016	700	17.38	7.53	7.77
9/26/2016	800	17.32	7.55	7.79
9/26/2016	900	17.28	7.53	7.79
9/26/2016	1000	17.25	7.56	7.81
9/26/2016	1100	17.25	7.57	7.84
9/26/2016	1200	17.26	7.58	7.85
9/26/2016	1300	17.29	7.57	7.89
9/26/2016	1400	17.30	7.58	7.93
9/26/2016	1500	17.31	7.59	7.98
9/26/2016	1600	17.32	7.58	8.02
9/26/2016	1700	17.29	7.60	8.12
9/26/2016	1800	17.23	7.59	8.22
9/26/2016	1900	17.15	7.61	8.24
9/26/2016	2000	17.05	7.62	8.25
9/26/2016	2100	16.96	7.61	8.25
9/26/2016	2200	16.87	7.59	8.23
9/26/2016	2300	16.78	7.60	8.21
9/27/2016	0	16.71	7.61	8.16
9/27/2016	100	16.64	7.57	8.15
9/27/2016	200	16.58	7.54	8.11
9/27/2016	300	16.54	7.57	8.09
9/27/2016	400	16.50	7.57	8.07
9/27/2016	500	16.45	7.54	8.08
9/27/2016	600	16.41	7.54	8.07
9/27/2016	700	16.37	7.55	8.08
9/27/2016	800	16.36	7.53	8.08
9/27/2016	900	16.36	7.54	8.08
9/27/2016	1000	16.37	7.54	8.11
9/27/2016	1100	16.39	7.56	8.12
9/27/2016	1200	16.40	7.58	8.13
9/27/2016	1300	16.41	7.58	8.16
9/27/2016	1400	16.45	7.55	8.18
9/27/2016	1500	16.49	7.56	8.22
9/27/2016	1600	16.53	7.58	8.25
9/27/2016	1700	16.55	7.59	8.28
9/27/2016	1800	16.56	7.60	8.28
9/27/2016	1900	16.55	7.58	8.30
9/27/2016	2000	16.52	7.60	8.27
9/27/2016	2100	16.48	7.57	8.27
9/27/2016	2200	16.43	7.54	8.23
9/27/2016	2300	16.37	7.54	8.21
9/28/2016	0	16.30	7.54	8.18
9/28/2016	100	16.22	7.55	8.15
9/28/2016	200	16.14	7.52	8.12
9/28/2016	300	16.07	7.52	8.08
9/28/2016	400	15.99	7.55	8.07
9/28/2016	500	15.93	7.49	8.06
9/28/2016	600	15.88	7.51	8.09
9/28/2016	700	15.85	7.50	8.09
9/28/2016	800	15.81	7.49	8.08
9/28/2016	900	15.81	7.49	8.11
9/28/2016	1000	15.84	7.52	8.14
9/28/2016	1100	15.89	7.52	8.18
9/28/2016	1200	16.01	7.53	8.23
9/28/2016	1300	16.20	7.58	8.26
9/28/2016	1400	16.31	7.58	8.31
9/28/2016	1500	16.36	7.55	8.35
9/28/2016	1600	16.46	7.57	8.40
9/28/2016	1700	16.56	7.62	8.47
9/28/2016	1800	16.60	7.62	8.52
9/28/2016	1900	16.57	7.60	8.54
9/28/2016	2000	16.50	7.61	8.57
9/28/2016	2100	16.38	7.60	8.54
9/28/2016	2200	16.24	7.55	8.53
9/28/2016	2300	16.09	7.56	8.48
9/29/2016	0	15.94	7.55	8.44
9/29/2016	100	15.78	7.53	8.41
9/29/2016	200	15.64	7.51	8.37
9/29/2016	300	15.52	7.52	8.33
9/29/2016	400	15.44	7.50	8.29
9/29/2016	500	15.39	7.49	8.28
9/29/2016	600	15.35	7.50	8.27
9/29/2016	700	15.33	7.48	8.28
9/29/2016	800	15.32	7.48	8.27
9/29/2016	900	15.34	7.48	8.28
9/29/2016	1000	15.43	7.48	8.31
9/29/2016	1100	15.59	7.51	8.36
9/29/2016	1200	15.80	7.52	8.40
9/29/2016	1300	16.03	7.54	8.44
9/29/2016	1400	16.27	7.56	8.47
9/29/2016	1500	16.50	7.59	8.53
9/29/2016	1600	16.68	7.62	8.58
9/29/2016	1700	16.81	7.65	8.63
9/29/2016	1800	16.88	7.62	8.70
9/29/2016	1900	16.86	7.63	8.72
9/29/2016	2000	16.79	7.64	8.74
9/29/2016	2100			
9/29/2016	2200	16.47	7.60	8.69
9/29/2016	2300	16.25	7.58	8.67
9/30/2016	0	16.00	7.55	8.62
9/30/2016	100	15.75	7.54	8.56
9/30/2016	200	15.53	7.54	8.51
9/30/2016	300	15.38	7.50	8.46
9/30/2016	400	15.31	7.51	8.44
9/30/2016	500	15.30	7.50	8.43
9/30/2016	600	15.30	7.52	8.43
9/30/2016	700	15.32	7.52	8.44
9/30/2016	800	15.34	7.52	8.44
9/30/2016	900	15.38	7.51	8.45
9/30/2016	1000	15.46	7.50	8.47
9/30/2016	1100	15.63	7.51	8.54
9/30/2016	1200	15.84	7.54	8.57
9/30/2016	1300	16.03	7.58	8.59
9/30/2016	1400	16.24	7.51	8.63
9/30/2016	1500	16.45	7.60	8.70
9/30/2016	1600	16.58	7.63	8.77
9/30/2016	1700	16.62	7.62	8.79
9/30/2016	1800	16.62	7.64	8.81
9/30/2016	1900	16.57	7.68	8.78
9/30/2016	2000	16.52	7.61	8.72
9/30/2016	2100	16.45	7.66	8.69
9/30/2016	2200	16.34	7.62	8.66
9/30/2016	2300	16.21	7.61	8.64