



September 12, 2014

Mr. Nick Utrup
Twin Cities Field Office
U.S. Fish and Wildlife Service
4101 American Blvd East
Bloomington, MN 55425

Ms. Cheryl Laatsch
Statewide FERC Coordinator
WI Dept. of Natural Resources
N7725 Hwy 28
Horicon, WI 53032

RE: 2014 August Water Quality Monitoring Data
Oconto Falls (Upper) Hydroelectric – FERC# 2523
Oconto Falls (Lower) Hydroelectric – FERC# 2689

Dear Agencies:

On behalf of NEW Hydro, LLC (Licensee), Eagle Creek Renewable Energy (ECRE), hereby submit filings to you, the Agencies, for Oconto Falls Upper and Oconto Falls Lower Hydroelectric Projects, the August 2014, Water Quality Monitoring (WQM) Data.

The Enclosed CD's per projects, contains the continuous monitoring data from the tailrace, the weekly monitoring data of the impoundment, a compliance energy record for the dates of impoundment sampling, and a PDF of this letter.

Should you have any questions, please do not hesitate to contact Mr. Jereme Klassy at the Eagle Creek Renewable Energy Midwest Operations at 920-293-4628, ext. 322 or by email at jereme.klassy@eaglecreekre.com.

Sincerely,
Eagle Creek Renewable Energy
Agent for Licensee

Scott Klabunde
Senior VP of Operations



Enclosure: Oconto Falls Upper FERC #2523 - 2014 Aug WQM Data (CD)
Oconto Falls Lower FERC #2689 - 2014 Aug WQM Data (CD)

SK/jcm

cc: ECRE-LC Files
(14-09-12_LC_OFLW_OFUP_14Aug WQM Data submit to Agencies)

Water Quality Monitoring Data
Month of August 2014

**Oconto Falls Lower
Hydroelectric Project
FERC# P-2689**



NEW Hydro LLC (Licensee)
Eagle Creek Renewable Energy LLC
Midwest Operation
116 N. State Street, PO Box 167
Neshkoro, WI 54960-0167

Water Quality Monitoring Data
Month of August 2014
Oconto Falls Lower Hydroelectric (P-2689)

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ⁱ CD enclosed – weekly monitoring data of the Reservoir, continuous monitoring data from the tailrace month of August 2014.

Water Quality Monitoring Data
Month of August 2014

**TAILWATER EQUIPMENT
CALIBRATION RECORD**

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 8/5/14

Time: 2:00

Instrument I.D.: Hydrolab MS5 # 01 Instrument Deployed Location: Oconto Falls Lower

Dissolved Oxygen

Post Field D O Reading: 8.40

Temperature: 73.8

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.32

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1420

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 74.2 Reading: 7.00

Standard 2: 10.00

Temp: 74.2 Reading: 9.98

Calibration:

Standard 1: 7.00

Temp: 74.2 Set To: 7.00

Standard 1: 10.00

Temp: 72.2 Set To: 10.00

Joe L. Brock

Monitoring Equipment

Generic Calibration/Post Field Cal Check Form

Date: 8/14/14

Time: 11:00

Instrument I.D.: Hydrolab MS5 # 01 Instrument Deployed Location: Oconto Falls Lower

Dissolved Oxygen

Post Field D O Reading: 9.33

Temperature: 66.1

Barometric Pressure: 742

Dissolved Oxygen Set To: 9.10

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1411

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 69.5 Reading: 7.01

Standard 2: 10.00

Temp: 69.8 Reading: 10.04

Calibration:

Standard 1: 7.00

Temp: 69.3 Set To: 7.00

Standard 1: 10.00

Temp: 69.9 Set To: 10.00

Joe L Buck

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 8/19/14

Time: 3:00

Instrument I.D.: Hydrolab MS5 # 01 Instrument Deployed Location: Oconto Falls Lower

Dissolved Oxygen

Post Field D O Reading: 8.28

Temperature: 71.6

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.51

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1431

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 72.0 Reading: 7.01

Standard 2: 10.00

Temp: 71.8 Reading: 9.93

Calibration:

Standard 1: 7.00

Temp: 72.0 Set To: 7.00

Standard 1: 10.00

Temp: 71.8 Set To: 10.00

Joe LeBar

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 8/28/14

Time: 2:30

Instrument I.D.: Hydrolab MS5 # 01 Instrument Deployed Location: Oconto Falls Lower

Dissolved Oxygen

Post Field D O Reading: 8.96

Temperature: 70.0

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.69

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1410

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 70.2 Reading: 6.92

Standard 2: 10.00

Temp: 70.5 Reading: 10.00

Calibration:

Standard 1: 7.00

Temp: 70.2 Set To: 7.00

Standard 1: 10.00

Temp: 70.5 Set To: 10.00

Joe Z Bud

Monitoring Equipment

Generic Calibration/Post Field Cal Check Form

Date: 9/1/14

Time: 2:30

Instrument I.D.: Hydrolab MS5 # 01 Instrument Deployed Location: Oconto Falls Lower

Dissolved Oxygen

Post Field D O Reading: 7.83

Temperature: 76.9

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.11

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1403

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 77.6 Reading: 7.09

Standard 2: 10.00

Temp: 77.2 Reading: 9.99

Calibration:

Standard 1: 7.00

Temp: 77.6 Set To: 7.00

Standard 1: 10.00

Temp: 77.2 Set To: 10.00

Joe LeB...

Water Quality Monitoring Data
Month of August 2014

COMPLIANCE/ENERGY RECORD

OCONTO FALLS LOWER – FERC #2689

Compliance/Energy Records
On
Reservoir Sampling Dates – August 2014
Taken From Project Energy/Compliance Logs

Date 2014	Time	UNITS									Production Last Period	Forebay Level	Tail/River Level	Hydraulic Flow	Total Project Flow
		1 KW	1 Meter	1 KWHRS	2 KW	2 Meter	2 KWHRS				Total KWHRS	(MSL)	(MSL)	(CFS)	(CFS)
Aug 01	8:00	330	0	7800	0	0	0				7800	702.11	664.4	231	231
Aug 08	8:00	330	54.85	7890	0	0	0				7890	702.07	664.4	204	204
Aug 15	8:00	320	107.42	7830	0	0	0				7830	702.12	664.4	198	198
Aug 22	8:00	330	145.10	810	800	40.67	19300				20110	702.07	664.4	348	348
Aug 29	8:00	330	164.79	4460	350	87.45	6530				10990	701.45	664.4	247	247

Water Quality Monitoring Data
Month of August 2014

APPENDIX A
RESERVOIR SAMPLING DATA

Water Quality Monitoring Reservoir Sampling Data
 July 01-Aug 29, 2014
 Oconto Falls Lower P-2689

Date	Time	Depth	LDO mg/l	Temp ° F
7/1/2014	11:00	100 mm Below Surface	0.00	0.00
7/1/2014	11:00	1 Meter	0.00	0.00
7/1/2014	11:00	2 Meter	0.00	0.00
7/1/2014	11:00	3 Meter	0.00	0.00
7/11/2014	11:05	100 mm Above Bottom	0.00	0.00
7/11/2014	11:03	100 mm Below Surface	7.42	22.10
7/11/2014	11:04	1 Meter	7.34	21.90
7/11/2014	11:04	2 Meter	7.25	21.90
7/11/2014	11:05	3 Meter	7.15	21.90
7/11/2014	11:05	100 mm Above Bottom	7.11	21.80
7/18/2014	11:18	100 mm Below Surface	8.26	20.90
7/18/2014	11:19	1 Meter	8.02	20.60
7/18/2014	11:19	2 Meter	8.07	20.60
7/18/2014	11:19	3 Meter	7.85	20.50
7/18/2014	11:20	100 mm Above Bottom	7.57	20.20
7/25/2014	11:35	100 mm Below Surface	6.94	23.50
7/25/2014	11:40	1 Meter	6.84	23.50
7/25/2014	11:45	2 Meter	6.78	23.50
7/25/2014	11:48	3 Meter	6.77	23.50
7/25/2014	11:50	100 mm Above Bottom	6.66	23.50
8/1/2014	11:28	100 mm Below Surface	7.65	22.00
8/1/2014	11:29	1 Meter	7.48	21.90
8/1/2014	11:30	2 Meter	7.48	21.80
8/1/2014	11:30	3 Meter	7.41	21.80
8/1/2014	11:31	100 mm Above Bottom	7.39	21.70
8/8/2014	10:15	100 mm Below Surface	7.12	24.10
8/8/2014	10:15	1 Meter	6.81	23.90
8/8/2014	10:15	2 Meter	6.76	23.90
8/8/2014	10:15	3 Meter	6.65	23.70
8/8/2014	10:15	100 mm Above Bottom	6.66	23.70
8/15/2014	10:15	100 mm Below Surface	6.60	21.00
8/15/2014	10:15	1 Meter	6.55	21.00
8/15/2014	10:15	2 Meter	6.46	21.00
8/15/2014	10:15	3 Meter	6.41	20.90
8/15/2014	10:15	100 mm Above Bottom	6.33	20.90
8/22/2014	10:00	100 mm Below Surface	7.11	20.20
8/22/2014	10:00	1 Meter	7.13	20.10
8/22/2014	10:00	2 Meter	7.12	20.10
8/22/2014	10:00	3 Meter	7.15	20.10
8/22/2014	10:00	100 mm Above Bottom	7.12	20.10
8/29/2014	9:00	100 mm Below Surface	6.21	21.00
8/29/2014	9:00	1 Meter	6.17	21.00
8/29/2014	9:00	2 Meter	6.17	21.00

Water Quality Monitoring Reservoir Sampling Data
 July 01-Aug 29, 2014
 Oconto Falls Lower P-2689

Date	Time	Depth	LDO	Temp
			mg/l	° F
8/29/2014	9:00	3 Meter	6.15	21.00
8/29/2014	9:00	100 mm Above Bottom	6.13	21.00

Quality Monitoring Reservoir Sampling Data

July 01-Aug 29, 2014

Oconto Falls Lower P-2689

[illegible]

RESERVOIR SAMPLING LOG

2014 Water Quality Study - Oconto Falls (Lower) Hydroelectric Project - FERC #2689

Date: 08-01-2014

Pre-Sampling Data:

Time: 11:30 Barometer: 742 Air Temp: 21.6 °C Wind Speed: N 7 mph

Sky Conditions: Hazy

Precipitation within Last 24 Hours: 0

D.O. Meter Calibration: Instrument Model Used: HACH

Where The Batterys Changed? ☒ Yes ☐ No If Yes, Time Changed: 7-10-2014

Battery Status: 1/2 Charge

Calibration Time: 7/10/2014 Method: Factory

Sampling Depth Profile:

Location #: OFLW Measured Depth to Bottom: 3.6 m

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>11:28</u>	<u>7.65</u>	<u>22.0 °C</u>
1 meter	<u>11:29</u>	<u>7.48</u>	<u>21.9 °C</u>
2 meter	<u>11:30</u>	<u>7.48</u>	<u>21.8 °C</u>
3 meter	<u>11:30</u>	<u>7.41</u>	<u>21.8 °C</u>
100 mm above bottom	<u>11:31</u>	<u>7.39</u>	<u>21.7 °C</u>

Hach HQ40d Second Unit 1

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>11:32</u>	<u>7.80</u>	<u>22.4</u>

Comments: _____

Power Production Records for Previous 24 Hours Recovered: ☒ Upper Dam ☒ Lower Dam

Performed By: Joe LeBroek John Funderburg

RESERVOIR SAMPLING LOG

2014 Water Quality Study - Oconto Falls (Lower) Hydroelectric Project - FERC #2689

Date: 08-08-2014

Pre-Sampling Data:

Time: 1015 Barometer: 742 Air Temp: 18.3 °C Wind Speed: 4 mph N

Sky Conditions: Clear

Precipitation within Last 24 Hours: 0

D.O. Meter Calibration: Instrument Model Used: HACH HQ40d

Where The Batterys Changed? ☒ Yes ☐ No If Yes, Time Changed: 7-10-2014

Battery Status: 1/2 Charge

Calibration Time: 7/10/14 Method: Factory

Sampling Depth Profile:

Location #: OFLW Measured Depth to Bottom: 3.6 m

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>1015</u>	<u>7.12</u>	<u>24.1</u>
1 meter	<u>↙</u>	<u>6.81</u>	<u>23.9</u>
2 meter		<u>6.76</u>	<u>23.9</u>
3 meter		<u>6.65</u>	<u>23.7</u>
100 mm above bottom		<u>6.66</u>	<u>23.7</u>

Hach HQ40d Second Unit

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>1015</u>	<u>7.34</u>	<u>24.0</u>

Comments: _____

Power Production Records for Previous 24 Hours Recovered: ☒ Upper Dam ☒ Lower Dam

Performed By: Joe Le Breck John Funderburg

RESERVOIR SAMPLING LOG

2014 Water Quality Study - Oconto Falls (Lower) Hydroelectric Project - FERC #2689

Date: 08-15-2014

Pre-Sampling Data:

Time: 10:15 Barometer: 742 Air Temp: 65 °C Wind Speed: W 5 mph

Sky Conditions: Clear

Precipitation within Last 24 Hours: 0

D.O. Meter Calibration: Instrument Model Used: _____

Where The Batterys Changed? ☒ Yes ☐ No If Yes, Time Changed: 07-10-2014

Battery Status: 1/2 Charge

Calibration Time: 7/10/14 Method: Factory

Sampling Depth Profile:

Location #: Lower Measured Depth to Bottom: 3.6 m

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>10:15</u>	<u>6.60</u>	<u>21.0</u>
1 meter	}	<u>6.55</u>	<u>21.0</u>
2 meter		<u>6.46</u>	<u>21.0</u>
3 meter		<u>6.41</u>	<u>20.9</u>
100 mm above bottom		<u>6.33</u>	<u>20.9</u>

Hach HQ40d Second Unit

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>1</u>	<u>6.85</u>	<u>21.00</u>

Comments: _____

Power Production Records for Previous 24 Hours Recovered: ☒ Upper Dam ☒ Lower Dam

Performed By: Joe LeBrock John Funderburg

RESERVOIR SAMPLING LOG

2014 Water Quality Study - Oconto Falls (Lower) Hydroelectric Project - FERC #2689

Date: 08-22-2014

Pre-Sampling Data:

Time: 10:00 Barometer: 742 Air Temp: 21.1 °C Wind Speed: ESE 5 mph

Sky Conditions: Overcast

Precipitation within Last 24 Hours: 0.10"

D.O. Meter Calibration: Instrument Model Used: HACH

Where The Batterys Changed? ☒ Yes ☐ No If Yes, Time Changed: 07-10-2014

Battery Status: 1/2 Charge

Calibration Time: 7/10/14 Method: Factory

Sampling Depth Profile:

Location #: Lower Measured Depth to Bottom: 3.6 m

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature °C
100 mm below surface	<u>10:00</u>	<u>7.11</u>	<u>20.2</u>
1 meter		<u>7.13</u>	<u>20.1</u>
2 meter		<u>7.12</u>	<u>20.1</u>
3 meter		<u>7.15</u>	<u>20.1</u>
100 mm above bottom		<u>7.12</u>	<u>20.1</u>

Hach

HQ40d Second Unit

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface		<u>7.25</u>	<u>20.4</u>

Comments: LG2 is running

Power Production Records for Previous 24 Hours Recovered: ☐ Upper Dam ☒ Lower Dam

Performed By: Joe LeBreck

John Funderburg

RESERVOIR SAMPLING LOG

2014 Water Quality Study - Oconto Falls (Lower) Hydroelectric Project - FERC #2689

Date: 08-29-2014

Pre-Sampling Data:

Time: 0900 Barometer: 742 Air Temp: 22.7 °C Wind Speed: SSE 2

Sky Conditions: Overcast, drizzle

Precipitation within Last 24 Hours: _____

D.O. Meter Calibration: Instrument Model Used: HACH

Where The Batterys Changed? ☐ Yes ☐ No If Yes, Time Changed: _____

Battery Status: 1/2 Charge

Calibration Time: 7/10/2014 Method: Factory

Sampling Depth Profile:

Location #: Lower Measured Depth to Bottom: 3.6 m

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>900</u>	<u>6.21</u>	<u>21.0</u>
1 meter		<u>6.17</u>	<u>21.0</u>
2 meter		<u>6.17</u>	<u>21.0</u>
3 meter		<u>6.15</u>	<u>21.0</u>
100 mm above bottom		<u>6.13</u>	<u>21.0</u>

Hach HQ40d Second Unit

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface		<u>6.39</u>	<u>20.9</u>

Comments: LG2 running

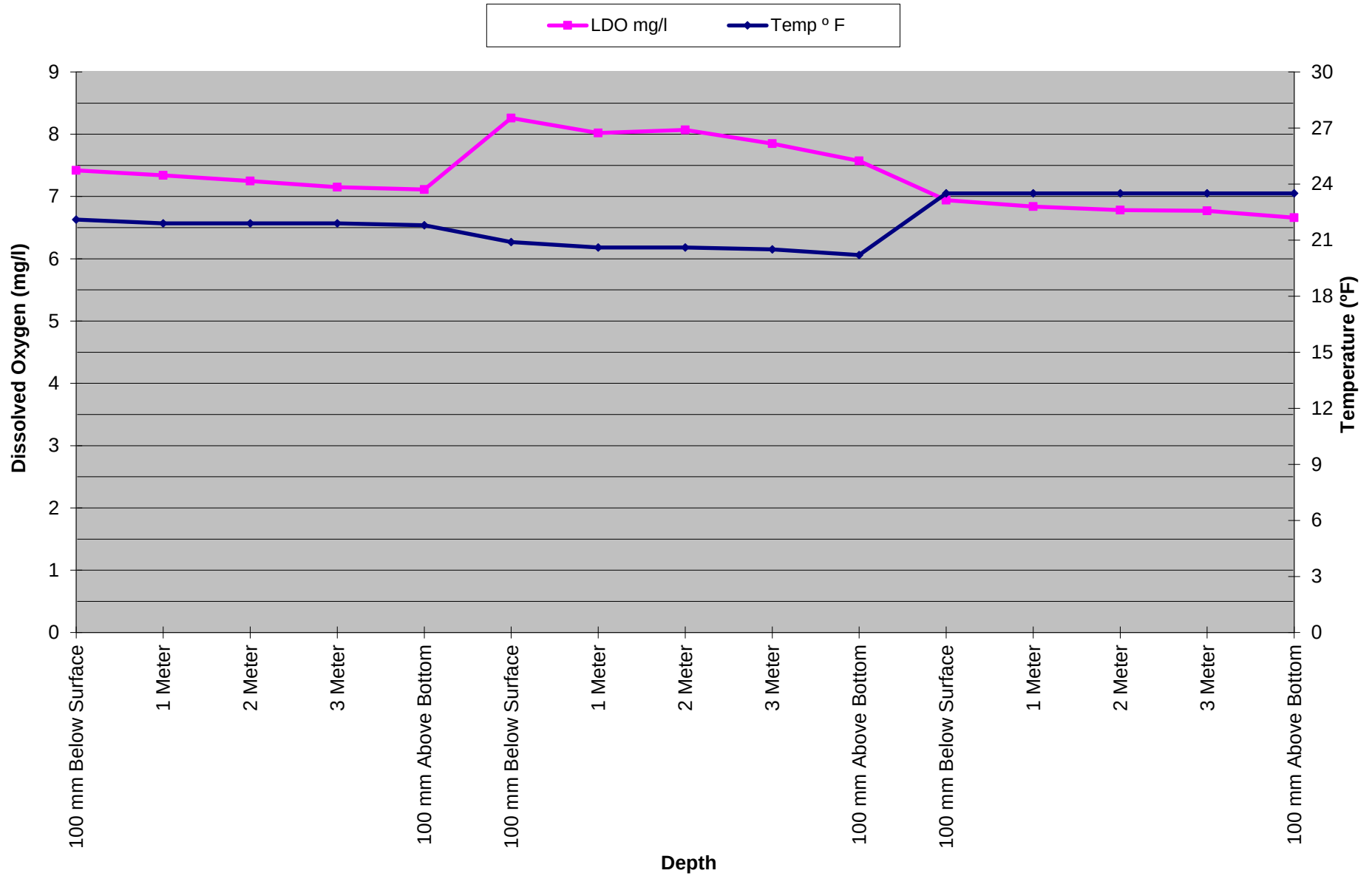
Power Production Records for Previous 24 Hours Recovered: ☒ Upper Dam ☒ Lower Dam

Performed By: Joe LeBreck John Funderburg

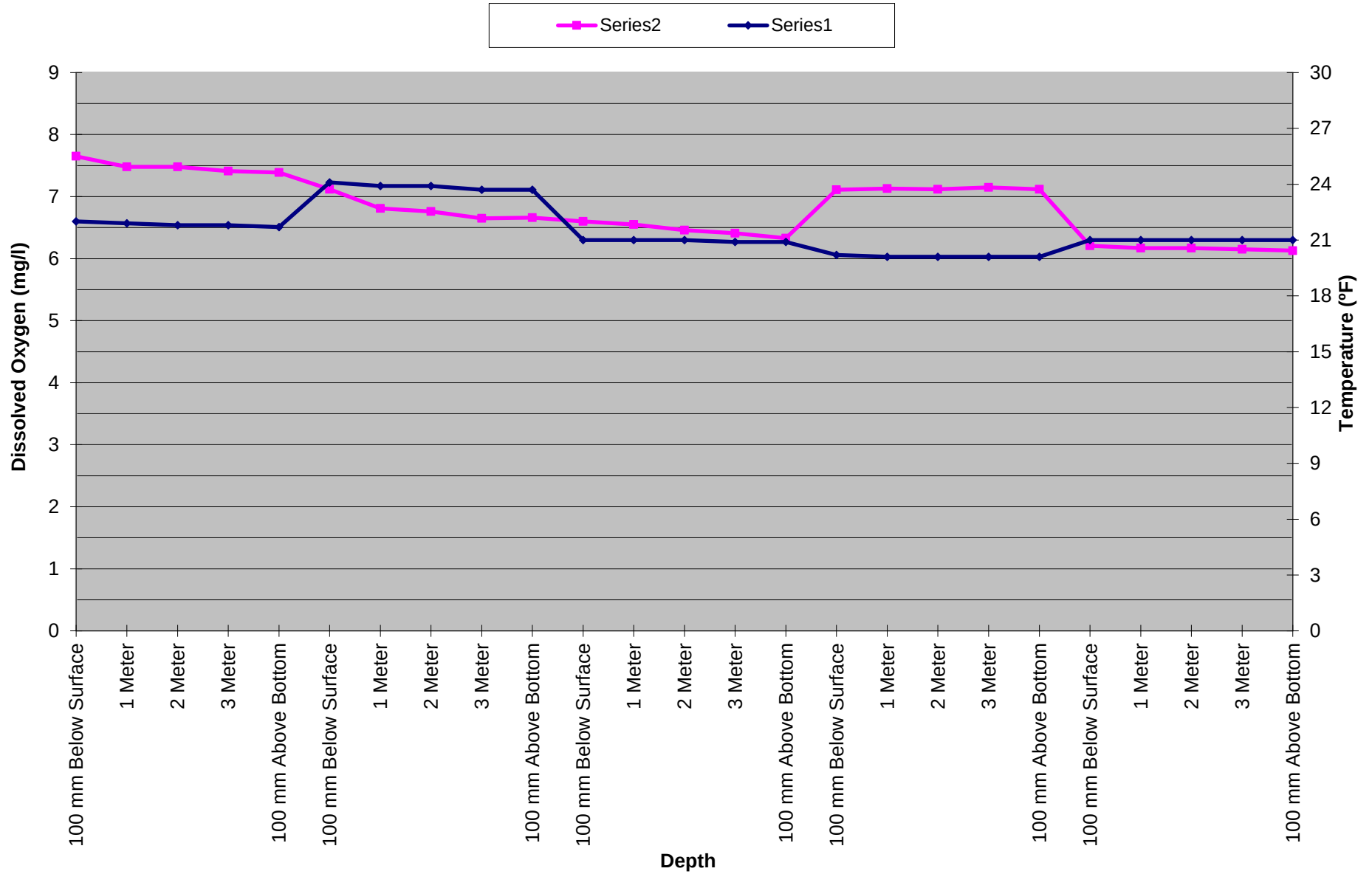
Water Quality Monitoring Data
Month of August 2014

APPENDIX B
RESERVOIR SAMPLING GRAPHS

Oconto Falls Lower FERC #2689
Reservoir
7/11-7/18-7/25- Sampling Dates
Temperature and Dissolved Oxygen



Oconto Falls Lower FERC #2689
Impoundment
8/1-8/8-8/15-8/22-8/29 Sampling Dates
Temperature and Dissolved Oxygen



Water Quality Monitoring Data
Month of August 2014

APPENDIX C
TAILWATER SAMPLING DATA

Water Quality Monitoring Data August 01-19, 2014
Oconton Falls Lower P-2689
License Article #404

Hydrolab MS5 60752

Log File Name : AUG1-19-OFLW

Setup Date (M/D/YYYY) : 7/31/2014

Setup Time (HH:MM:SS) : 15:18:01

Starting Date (M/D/YYYY) : 8/1/2014

Starting Time (HH:MM:SS) : 00:30:00

Stopping Date (M/D/YYYY) : 8/19/2014

Stopping Time (HH:MM:SS) : 22:30:01

Interval (HH:MM:SS) : 00:30:00

Sensor warmup (HH:MM:SS) : 00:00:30

Circltr warmup (HH:MM:SS) : 00:00:00

Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/1/2014	0:30:00	70.7	8.12	324	7.32	11.5
8/1/2014	1:00:00	70.5	8.12	324	7.27	11.4
8/1/2014	1:30:00	70.4	8.12	323	7.27	11.4
8/1/2014	2:00:00	70.3	8.12	323	7.28	11.5
8/1/2014	2:30:00	70.3	8.12	323	7.3	11.4
8/1/2014	3:00:00	70.4	8.14	323	7.41	11.5
8/1/2014	3:30:00	70.4	8.14	322	7.45	11.4
8/1/2014	4:00:00	70.5	8.15	323	7.49	11.5
8/1/2014	4:30:00	70.4	8.15	323	7.49	11.5
8/1/2014	5:00:00	70.4	8.14	323	7.38	11.5
8/1/2014	5:30:00	70.4	8.14	322	7.44	11.4
8/1/2014	6:00:00	70.3	8.14	322	7.41	11.5
8/1/2014	6:30:00	70.3	8.14	323	7.41	11.4
8/1/2014	7:00:00	70.3	8.14	323	7.41	11.4
8/1/2014	7:30:00	70.3	8.13	323	7.33	11.4
8/1/2014	8:00:00	70.3	8.12	323	7.32	11.4
8/1/2014	8:30:00	70.2	8.12	322	7.29	11.4
8/1/2014	9:00:00	70.2	8.12	322	7.27	11.4
8/1/2014	9:30:00	70.2	8.12	322	7.25	11.4
8/1/2014	10:00:00	70.3	8.11	322	7.22	11.4
8/1/2014	10:30:00	70.3	8.11	322	7.2	11.4
8/1/2014	11:00:00	70.4	8.11	321	7.25	11.4
8/1/2014	12:00:00	70.6	8.12	321	7.36	11.4
8/1/2014	12:30:00	70.8	8.12	321	7.37	11.4
8/1/2014	13:00:00	70.8	8.11	321	7.33	11.4
8/1/2014	13:30:00	71	8.11	321	7.31	11.4
8/1/2014	14:00:00	71.1	8.12	321	7.35	11.4
8/1/2014	14:30:00	71.3	8.12	320	7.4	11.4
8/1/2014	15:00:00	71.4	8.12	320	7.45	11.4
8/1/2014	15:30:00	71.6	8.14	320	7.54	11.4
8/1/2014	15:30:00	71.7	8.12	323	8.28	10.4
8/1/2014	16:00:00	71.8	8.11	322	8.27	10.4
8/1/2014	16:30:00	71.9	8.11	322	8.23	10.4
8/1/2014	17:00:00	71.9	8.1	322	8.22	10.4

Water Quality Monitoring Data August 01-19, 2014
Oconton Falls Lower P-2689
License Article #404

Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/1/2014	17:30:00	71.8	8.09	322	8.22	10.4
8/1/2014	18:00:00	71.8	8.08	322	8.17	10.4
8/1/2014	18:30:00	71.8	8.08	322	8.14	10.4
8/1/2014	19:00:00	71.7	8.06	323	8.07	10.4
8/1/2014	19:30:00	71.5	8.05	322	8.06	10.4
8/1/2014	20:00:00	71.4	8.04	323	7.98	10.4
8/1/2014	20:30:00	71.3	8.02	323	7.9	10.4
8/1/2014	21:00:00	71.2	8.01	323	7.91	10.4
8/1/2014	21:30:00	71.2	8.01	323	7.88	10.4
8/1/2014	22:00:00	71.2	8	323	7.86	10.4
8/1/2014	22:30:00	71.2	8	323	7.91	10.4
8/1/2014	23:00:00	71.1	7.99	323	7.89	10.4
8/1/2014	23:30:00	71	7.99	323	7.89	10.4
8/2/2014	0:00:00	71	7.99	322	7.9	10.4
8/2/2014	0:30:00	70.9	7.99	323	7.9	10.4
8/2/2014	1:00:00	70.9	7.99	323	7.89	10.4
8/2/2014	1:30:00	70.9	7.99	323	7.89	10.4
8/2/2014	2:00:00	70.9	7.99	323	7.88	10.4
8/2/2014	2:30:00	70.9	7.99	323	7.87	10.4
8/2/2014	3:00:00	70.9	7.99	323	7.88	10.4
8/2/2014	3:30:00	70.9	7.99	322	7.9	10.4
8/2/2014	4:00:00	71	7.99	322	7.88	10.4
8/2/2014	4:30:00	71	7.99	322	7.92	10.4
8/2/2014	5:00:00	71	7.99	322	7.87	10.4
8/2/2014	5:30:00	70.9	7.99	322	7.9	10.4
8/2/2014	6:00:00	70.9	7.98	322	7.91	10.4
8/2/2014	6:30:00	70.8	7.99	322	7.92	10.4
8/2/2014	7:00:00	70.8	7.99	322	7.95	10.4
8/2/2014	7:30:00	70.8	8	321	7.96	10.4
8/2/2014	8:00:00	70.8	8.01	322	8.06	10.4
8/2/2014	8:30:00	71	8.04	321	8.27	10.4
8/2/2014	9:00:00	71.3	8.1	324	8.54	10.4
8/2/2014	9:30:00	71.7	8.12	323	8.7	10.4
8/2/2014	10:00:00	72	8.14	324	8.75	10.4
8/2/2014	10:30:00	72.3	8.15	323	8.76	10.4
8/2/2014	11:00:00	72.1	8.1	321	8.44	10.4
8/2/2014	11:30:00	72.4	8.12	320	8.51	10.4
8/2/2014	12:00:00	72.6	8.12	320	8.48	10.4
8/2/2014	12:30:00	72.6	8.12	320	8.42	10.4
8/2/2014	13:00:00	72.6	8.11	320	8.36	10.4
8/2/2014	13:30:00	72.7	8.1	320	8.34	10.4
8/2/2014	14:00:00	72.8	8.1	320	8.29	10.4
8/2/2014	14:30:00	72.9	8.1	320	8.3	10.4
8/2/2014	15:00:00	72.9	8.09	320	8.22	10.4
8/2/2014	15:30:00	72.8	8.08	320	8.23	10.4
8/2/2014	16:00:00	72.6	8.07	320	8.18	10.4

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/2/2014	16:30:00	72.4	8.06	320	8.16	10.4
8/2/2014	17:00:00	72.3	8.06	320	8.19	10.4
8/2/2014	17:30:00	72.2	8.06	320	8.13	10.4
8/2/2014	18:00:00	72.1	8.04	320	8.05	10.4
8/2/2014	18:30:00	71.8	8.04	320	8.04	10.4
8/2/2014	19:00:00	71.6	8.03	320	8.03	10.4
8/2/2014	19:30:00	71.3	8.01	320	8	10.4
8/2/2014	20:00:00	71.1	8	320	7.91	10.4
8/2/2014	20:30:00	71	7.99	320	7.91	10.4
8/2/2014	21:00:00	71	7.98	320	7.88	10.4
8/2/2014	21:30:00	71.1	7.98	320	7.86	10.4
8/2/2014	22:00:00	71.2	7.98	320	7.84	10.4
8/2/2014	22:30:00	71.2	7.98	320	7.83	10.4
8/2/2014	23:00:00	71.3	7.97	320	7.81	10.4
8/2/2014	23:30:00	71.3	7.98	320	7.76	10.4
8/3/2014	0:00:00	71.3	7.98	320	7.76	10.4
8/3/2014	0:30:00	71.4	7.98	320	7.78	10.4
8/3/2014	1:00:00	71.4	7.98	320	7.83	10.4
8/3/2014	1:30:00	71.4	7.98	320	7.8	10.4
8/3/2014	2:00:00	71.4	7.99	320	7.82	10.4
8/3/2014	2:30:00	71.4	7.99	320	7.8	10.4
8/3/2014	3:00:00	71.4	7.98	320	7.79	10.4
8/3/2014	3:30:00	71.4	7.98	320	7.77	10.4
8/3/2014	4:00:00	71.4	7.98	320	7.8	10.4
8/3/2014	4:30:00	71.4	7.98	320	7.78	10.4
8/3/2014	5:00:00	71.4	7.97	320	7.8	10.4
8/3/2014	5:30:00	71.4	7.97	320	7.76	10.4
8/3/2014	6:00:00	71.4	7.97	320	7.76	10.4
8/3/2014	6:30:00	71.4	7.97	320	7.78	10.4
8/3/2014	7:00:00	71.4	7.98	320	7.82	10.4
8/3/2014	7:30:00	71.4	7.98	320	7.89	10.4
8/3/2014	8:00:00	71.5	8	319	7.96	10.4
8/3/2014	8:30:00	71.7	8.02	319	8.09	10.4
8/3/2014	9:00:00	71.9	8.04	319	8.14	10.4
8/3/2014	9:30:00	72.1	8.05	319	8.19	10.4
8/3/2014	10:00:00	72.3	8.06	319	8.26	10.4
8/3/2014	10:30:00	72.4	8.07	319	8.2	10.4
8/3/2014	11:00:00	72.8	8.09	319	8.29	10.4
8/3/2014	11:30:00	73.2	8.11	318	8.36	10.4
8/3/2014	12:00:00	73.5	8.12	318	8.37	10.4
8/3/2014	12:30:00	73.8	8.13	318	8.38	10.4
8/3/2014	13:00:00	74	8.13	318	8.32	10.4
8/3/2014	13:30:00	74.2	8.13	318	8.28	10.4
8/3/2014	14:00:00	74.1	8.11	319	8.14	10.4
8/3/2014	14:30:00	74.4	8.12	318	8.25	10.4
8/3/2014	15:00:00	74.5	8.12	319	8.17	10.4

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/3/2014	15:30:00	74.6	8.12	319	8.15	10.4
8/3/2014	16:00:00	74.8	8.13	319	8.19	10.4
8/3/2014	16:30:00	75	8.14	319	8.19	10.4
8/3/2014	17:00:00	75	8.13	319	8.06	10.4
8/3/2014	17:30:00	75	8.13	319	8.08	10.4
8/3/2014	18:00:00	74.8	8.12	319	8.03	10.4
8/3/2014	18:30:00	74.6	8.1	319	7.94	10.4
8/3/2014	19:00:00	74.4	8.07	319	7.91	10.4
8/3/2014	19:30:00	74.1	8.04	320	7.76	10.4
8/3/2014	20:00:00	73.9	8.01	320	7.68	10.4
8/3/2014	20:30:00	73.6	7.98	320	7.62	10.4
8/3/2014	21:00:00	73.3	7.95	320	7.57	10.4
8/3/2014	21:30:00	73.2	7.94	320	7.57	10.4
8/3/2014	22:00:00	73.1	7.94	319	7.56	10.4
8/3/2014	22:30:00	73.1	7.93	319	7.59	10.4
8/3/2014	23:00:00	73	7.93	318	7.59	10.4
8/3/2014	23:30:00	73.1	7.94	320	7.61	10.4
8/4/2014	0:00:00	73.2	7.94	319	7.62	10.4
8/4/2014	0:30:00	73.3	7.95	319	7.63	10.4
8/4/2014	1:00:00	73.2	7.94	319	7.63	10.4
8/4/2014	1:30:00	73.1	7.94	319	7.64	10.4
8/4/2014	2:00:00	73.1	7.94	316	7.6	10.4
8/4/2014	2:30:00	73	7.93	319	7.64	10.4
8/4/2014	3:00:00	72.9	7.93	319	7.6	10.4
8/4/2014	3:30:00	72.9	7.92	319	7.62	10.4
8/4/2014	4:00:00	72.9	7.92	319	7.65	10.4
8/4/2014	4:30:00	72.8	7.92	319	7.64	10.4
8/4/2014	5:00:00	72.8	7.92	319	7.63	10.4
8/4/2014	5:30:00	72.7	7.91	319	7.6	10.4
8/4/2014	6:00:00	72.7	7.91	319	7.61	10.4
8/4/2014	6:30:00	72.7	7.92	319	7.66	10.4
8/4/2014	7:00:00	72.7	7.92	319	7.69	10.4
8/4/2014	7:30:00	72.8	7.93	318	7.72	10.4
8/4/2014	8:00:00	72.8	7.95	318	7.83	10.4
8/4/2014	8:30:00	72.9	7.97	318	7.97	10.3
8/4/2014	9:00:00	73	7.99	318	8.03	10.4
8/4/2014	9:30:00	73.2	8.02	318	8.18	10.4
8/4/2014	10:00:00	73.4	8.03	318	8.27	10.4
8/4/2014	10:30:00	73.7	8.05	318	8.27	10.4
8/4/2014	11:00:00	73.7	8.05	318	8.22	10.3
8/4/2014	11:30:00	73.8	8.07	318	8.34	10.4
8/4/2014	12:00:00	74	8.08	318	8.32	10.4
8/4/2014	12:30:00	74.1	8.08	318	8.31	10.3
8/4/2014	13:00:00	74.1	8.07	318	8.31	10.3
8/4/2014	13:30:00	74	8.06	318	8.19	10.3
8/4/2014	14:00:00	74	8.05	318	8.12	10.3

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/4/2014	14:30:00	74	8.04	318	8.13	10.3
8/4/2014	15:00:00	73.9	8.03	318	8.09	10.3
8/4/2014	15:30:00	73.9	8.02	318	8.06	10.3
8/4/2014	16:00:00	73.8	8.02	318	8.01	10.3
8/4/2014	16:30:00	73.7	8.02	317	7.96	10.3
8/4/2014	17:00:00	73.6	8.01	317	7.92	10.3
8/4/2014	17:30:00	73.6	8	317	7.85	10.3
8/4/2014	18:00:00	73.5	7.99	317	7.89	10.3
8/4/2014	18:30:00	73.4	7.98	317	7.82	10.3
8/4/2014	19:00:00	73.2	7.97	317	7.76	10.3
8/4/2014	19:30:00	73.1	7.95	317	7.73	10.3
8/4/2014	20:00:00	73	7.93	318	7.63	10.3
8/4/2014	20:30:00	73	7.92	317	7.61	10.3
8/4/2014	21:00:00	73	7.92	318	7.59	10.3
8/4/2014	21:30:00	73.1	7.92	318	7.58	10.3
8/4/2014	22:00:00	73.1	7.91	318	7.59	10.3
8/4/2014	22:30:00	73.1	7.91	318	7.54	10.3
8/4/2014	23:00:00	73.1	7.91	318	7.56	10.3
8/4/2014	23:30:00	73.1	7.9	318	7.54	10.3
8/5/2014	0:00:00	73.1	7.91	318	7.55	10.3
8/5/2014	0:30:00	73.1	7.91	318	7.56	10.3
8/5/2014	1:00:00	73.1	7.91	318	7.57	10.3
8/5/2014	1:30:00	73.1	7.91	318	7.59	10.3
8/5/2014	2:00:00	73.2	7.91	318	7.59	10.3
8/5/2014	2:30:00	73.2	7.92	318	7.61	10.3
8/5/2014	3:00:00	73.2	7.92	318	7.6	10.3
8/5/2014	3:30:00	73.2	7.92	318	7.62	10.2
8/5/2014	4:00:00	73.2	7.92	318	7.57	10.2
8/5/2014	4:30:00	73.1	7.92	318	7.58	10.3
8/5/2014	5:00:00	73.1	7.92	318	7.57	10.2
8/5/2014	5:30:00	73	7.91	318	7.63	10.2
8/5/2014	6:00:00	72.9	7.91	318	7.63	10.3
8/5/2014	6:30:00	72.9	7.91	318	7.64	10.2
8/5/2014	7:00:00	72.9	7.92	318	7.75	10.2
8/5/2014	7:30:00	72.9	7.94	318	7.82	10.2
8/5/2014	8:00:00	73	7.96	317	7.97	10.2
8/5/2014	8:30:00	73.2	7.99	317	8.08	10.2
8/5/2014	9:00:00	73.4	8.01	317	8.12	10.2
8/5/2014	9:30:00	73.6	8.02	317	8.17	10.2
8/5/2014	10:00:00	73.9	8.04	317	8.22	10.2
8/5/2014	10:30:00	74.1	8.05	317	8.28	10.2
8/5/2014	11:00:00	74.2	8.05	317	8.18	10.2
8/5/2014	11:30:00	74.3	8.07	317	8.27	10.2
8/5/2014	12:00:00	74.5	8.08	317	8.31	10.2
8/5/2014	12:30:00	74.5	8.07	317	8.27	10.2
8/5/2014	13:00:00	74.7	8.08	317	8.26	10.2

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/5/2014	13:30:00	74.7	8.08	317	8.24	10.2
8/5/2014	14:00:00	74.8	8.08	317	8.2	10.2
8/5/2014	14:30:00	74.8	8.09	317	8.24	10.2
8/5/2014	15:00:00	75	8.1	316	8.26	10.1
8/5/2014	15:30:00	74.9	8.06	316	7.97	10.1
8/5/2014	16:00:00	74.7	8.04	315	7.83	10.1
8/5/2014	16:30:00	74.6	8.03	315	7.8	10.1
8/5/2014	17:00:00	74.4	8.01	315	7.78	10.1
8/5/2014	17:30:00	74.2	7.99	315	7.7	10.1
8/5/2014	18:00:00	74	7.98	315	7.68	10.1
8/5/2014	18:30:00	73.8	7.97	315	7.64	10.2
8/5/2014	19:00:00	73.6	7.95	315	7.6	10.1
8/5/2014	19:30:00	73.4	7.94	315	7.55	10.2
8/5/2014	20:00:00	73.3	7.93	315	7.49	10.2
8/5/2014	20:30:00	73.3	7.92	315	7.49	10.1
8/5/2014	21:00:00	73.2	7.92	315	7.45	10.1
8/5/2014	21:30:00	73.2	7.92	315	7.45	10.2
8/5/2014	22:00:00	73.2	7.92	315	7.47	10.2
8/5/2014	22:30:00	73.2	7.92	315	7.48	10.1
8/5/2014	23:00:00	73.1	7.92	315	7.51	10.1
8/5/2014	23:30:00	73.2	7.92	315	7.51	10.1
8/6/2014	0:00:00	73.2	7.92	315	7.49	10.1
8/6/2014	0:30:00	73.2	7.93	315	7.53	10.1
8/6/2014	1:00:00	73.2	7.93	315	7.52	10.1
8/6/2014	1:30:00	73.2	7.94	315	7.54	10.1
8/6/2014	2:00:00	73.2	7.94	315	7.56	10.1
8/6/2014	2:30:00	73.3	7.95	315	7.57	10.1
8/6/2014	3:00:00	73.3	7.95	315	7.56	10.1
8/6/2014	3:30:00	73.3	7.95	315	7.58	10.1
8/6/2014	4:00:00	73.3	7.94	315	7.54	10.1
8/6/2014	4:30:00	73.3	7.94	315	7.54	10.1
8/6/2014	5:00:00	73.2	7.93	315	7.57	10.1
8/6/2014	5:30:00	73.1	7.93	315	7.57	10.1
8/6/2014	6:00:00	73	7.93	315	7.58	10.1
8/6/2014	6:30:00	73	7.93	315	7.64	10.1
8/6/2014	7:00:00	73	7.94	316	7.69	10.1
8/6/2014	7:30:00	73.1	7.95	315	7.75	10.1
8/6/2014	8:00:00	73.2	7.97	315	7.87	10.1
8/6/2014	8:30:00	73.4	8	315	7.99	10.1
8/6/2014	9:00:00	73.7	8.02	315	8.06	10.1
8/6/2014	9:30:00	73.7	8.03	315	8.01	10.1
8/6/2014	10:00:00	74.1	8.06	314	8.19	10.1
8/6/2014	10:30:00	74.4	8.06	315	8.19	10.1
8/6/2014	11:00:00	74.6	8.08	315	8.23	10.1
8/6/2014	11:30:00	74.9	8.09	315	8.19	10.1
8/6/2014	12:00:00	75.1	8.09	315	8.23	10.1

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/6/2014	12:30:00	75.3	8.1	315	8.17	10.1
8/6/2014	13:00:00	75.3	8.09	315	8.07	10.1
8/6/2014	13:30:00	75.5	8.1	314	8.07	10.1
8/6/2014	14:00:00	75.5	8.09	315	8.06	10.1
8/6/2014	14:30:00	75.5	8.07	315	8.03	10.1
8/6/2014	15:00:00	75.6	8.07	315	8.02	10.1
8/6/2014	15:30:00	75.7	8.07	315	7.96	10.1
8/6/2014	16:00:00	75.6	8.05	315	7.86	10.1
8/6/2014	16:30:00	75.5	8.05	315	7.84	10.1
8/6/2014	17:00:00	75.5	8.04	316	7.77	10.1
8/6/2014	17:30:00	75.3	8.03	316	7.74	10.1
8/6/2014	18:00:00	75	8.01	316	7.71	10.1
8/6/2014	18:30:00	74.7	7.99	316	7.66	10.1
8/6/2014	19:00:00	74.4	7.97	316	7.63	10.1
8/6/2014	19:30:00	74.1	7.95	317	7.63	10.1
8/6/2014	20:00:00	73.9	7.93	317	7.54	10.1
8/6/2014	20:30:00	73.7	7.92	317	7.54	10.1
8/6/2014	21:00:00	73.6	7.91	317	7.48	10.1
8/6/2014	21:30:00	73.6	7.9	317	7.51	10.1
8/6/2014	22:00:00	73.5	7.9	317	7.49	10.1
8/6/2014	22:30:00	73.5	7.9	317	7.48	10.1
8/6/2014	23:00:00	73.5	7.9	317	7.49	10.1
8/6/2014	23:30:00	73.5	7.91	317	7.51	10.1
8/7/2014	0:00:00	73.5	7.92	316	7.55	10.1
8/7/2014	0:30:00	73.6	7.93	316	7.55	10.1
8/7/2014	1:00:00	73.6	7.94	317	7.57	10.1
8/7/2014	1:30:00	73.6	7.94	316	7.58	10.1
8/7/2014	2:00:00	73.6	7.95	316	7.61	10.1
8/7/2014	2:30:00	73.6	7.95	316	7.61	10.1
8/7/2014	3:00:00	73.6	7.96	316	7.62	10.1
8/7/2014	3:30:00	73.6	7.97	316	7.63	10.1
8/7/2014	4:00:00	73.6	7.97	316	7.61	10.1
8/7/2014	4:30:00	73.6	7.97	316	7.65	10.1
8/7/2014	5:00:00	73.5	7.96	317	7.62	10.1
8/7/2014	5:30:00	73.5	7.96	317	7.61	10.1
8/7/2014	6:00:00	73.4	7.95	316	7.61	10.1
8/7/2014	6:30:00	73.4	7.96	316	7.65	10.1
8/7/2014	7:00:00	73.4	7.96	316	7.66	10.1
8/7/2014	7:30:00	73.4	7.97	316	7.77	10.1
8/7/2014	8:00:00	73.5	7.99	316	7.86	10.1
8/7/2014	8:30:00	73.7	8.01	316	8	10.1
8/7/2014	9:00:00	74	8.03	316	8.08	10.1
8/7/2014	9:30:00	74.4	8.09	319	8.44	10.1
8/7/2014	10:00:00	74.8	8.11	320	8.48	10.1
8/7/2014	10:30:00	75	8.13	319	8.5	10.1
8/7/2014	11:00:00	75.2	8.14	317	8.6	10.1

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/7/2014	11:30:00	75.2	8.1	316	8.29	10.1
8/7/2014	12:00:00	75.4	8.1	316	8.23	10.1
8/7/2014	12:30:00	75.5	8.1	316	8.21	10.1
8/7/2014	13:00:00	75.6	8.08	317	8.15	10.1
8/7/2014	13:30:00	75.6	8.07	317	8.12	10.1
8/7/2014	14:00:00	75.6	8.08	317	8.07	10.1
8/7/2014	14:30:00	75.6	8.06	317	8.01	10.1
8/7/2014	15:00:00	75.5	8.04	317	7.94	10.1
8/7/2014	15:30:00	75.4	8.04	317	7.91	10.1
8/7/2014	16:00:00	75.3	8.03	317	7.84	10.1
8/7/2014	16:30:00	75.2	8.01	318	7.8	10.1
8/7/2014	17:00:00	75	8	318	7.75	10.1
8/7/2014	17:30:00	74.8	7.97	318	7.73	10.1
8/7/2014	18:00:00	74.6	7.97	319	7.77	10.1
8/7/2014	18:30:00	74.4	7.94	319	7.64	10.1
8/7/2014	19:00:00	74.1	7.91	319	7.57	10.1
8/7/2014	19:30:00	73.9	7.9	319	7.53	10.1
8/7/2014	20:00:00	73.7	7.88	319	7.45	10.1
8/7/2014	20:30:00	73.6	7.87	319	7.43	10.1
8/7/2014	21:00:00	73.5	7.86	319	7.38	10.1
8/7/2014	21:30:00	73.4	7.86	319	7.35	10.1
8/7/2014	22:00:00	73.4	7.86	319	7.41	10.1
8/7/2014	22:30:00	73.5	7.87	319	7.42	10.1
8/7/2014	23:00:00	73.5	7.89	319	7.46	10.1
8/7/2014	23:30:00	73.6	7.9	319	7.48	10.1
8/8/2014	0:00:00	73.7	7.92	319	7.58	10.1
8/8/2014	0:30:00	73.8	7.94	318	7.58	10.1
8/8/2014	1:00:00	73.8	7.94	318	7.58	10.1
8/8/2014	1:30:00	73.8	7.95	318	7.61	10
8/8/2014	2:00:00	73.8	7.95	318	7.59	10
8/8/2014	2:30:00	73.8	7.95	318	7.61	10
8/8/2014	3:00:00	73.8	7.95	318	7.61	10
8/8/2014	3:30:00	73.8	7.95	318	7.62	10
8/8/2014	4:00:00	73.7	7.95	318	7.62	10
8/8/2014	4:30:00	73.7	7.95	318	7.6	10
8/8/2014	5:00:00	73.6	7.94	318	7.63	10
8/8/2014	5:30:00	73.6	7.94	318	7.6	10
8/8/2014	6:00:00	73.6	7.95	318	7.63	10
8/8/2014	6:30:00	73.5	7.96	318	7.68	10
8/8/2014	7:00:00	73.5	7.96	318	7.7	10
8/8/2014	7:30:00	73.6	7.97	318	7.76	10
8/8/2014	8:00:00	73.7	7.99	318	7.84	10
8/8/2014	8:30:00	74	8.02	317	7.98	10
8/8/2014	9:00:00	74.3	8.04	318	8.07	10
8/8/2014	9:30:00	74.5	8.06	318	8.15	10
8/8/2014	10:00:00	74.7	8.07	317	8.18	10

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/8/2014	10:30:00	75	8.08	317	8.21	10
8/8/2014	11:00:00	75.2	8.08	318	8.18	10
8/8/2014	11:30:00	75.4	8.08	318	8.16	10
8/8/2014	12:00:00	75.5	8.08	316	8.14	10
8/8/2014	12:30:00	75.7	8.08	318	8.11	10
8/8/2014	13:00:00	75.8	8.08	318	8.08	10
8/8/2014	13:30:00	75.8	8.07	318	8.04	10
8/8/2014	14:00:00	75.7	8.06	318	7.96	10
8/8/2014	14:30:00	75.8	8.06	318	7.97	10
8/8/2014	15:00:00	75.7	8.05	319	7.92	10
8/8/2014	15:30:00	75.6	8.05	319	7.92	10
8/8/2014	16:00:00	75.5	8.07	320	8.03	10
8/8/2014	16:30:00	75.4	8.03	319	7.76	10
8/8/2014	17:00:00	75.1	8.01	319	7.77	10
8/8/2014	17:30:00	74.9	7.98	319	7.63	10
8/8/2014	18:00:00	74.6	7.95	320	7.6	10
8/8/2014	18:30:00	74.3	7.93	320	7.51	10
8/8/2014	19:00:00	74.1	7.91	320	7.48	10
8/8/2014	19:30:00	73.9	7.89	321	7.41	10
8/8/2014	20:00:00	73.7	7.88	321	7.38	10
8/8/2014	20:30:00	73.5	7.87	321	7.34	10
8/8/2014	21:00:00	73.5	7.87	321	7.33	9.9
8/8/2014	21:30:00	73.4	7.87	321	7.34	10
8/8/2014	22:00:00	73.5	7.87	321	7.35	9.9
8/8/2014	22:30:00	73.5	7.88	321	7.37	10
8/8/2014	23:00:00	73.6	7.88	321	7.4	10
8/8/2014	23:30:00	73.7	7.89	320	7.45	10
8/9/2014	0:00:00	73.7	7.9	320	7.48	9.9
8/9/2014	0:30:00	73.8	7.92	320	7.49	9.9
8/9/2014	1:00:00	73.8	7.93	320	7.53	9.9
8/9/2014	1:30:00	73.8	7.94	320	7.53	9.9
8/9/2014	2:00:00	73.8	7.95	320	7.53	9.9
8/9/2014	2:30:00	73.8	7.96	320	7.56	9.9
8/9/2014	3:00:00	73.8	7.97	319	7.56	9.9
8/9/2014	3:30:00	73.8	7.97	319	7.59	9.9
8/9/2014	4:00:00	73.8	7.97	319	7.56	9.9
8/9/2014	4:30:00	73.8	7.98	320	7.61	9.9
8/9/2014	5:00:00	73.7	7.98	320	7.62	9.9
8/9/2014	5:30:00	73.7	7.98	320	7.63	9.9
8/9/2014	6:00:00	73.6	7.97	319	7.6	9.9
8/9/2014	6:30:00	73.6	7.98	319	7.67	9.9
8/9/2014	7:00:00	73.7	7.98	320	7.71	9.9
8/9/2014	7:30:00	73.7	7.98	320	7.7	9.9
8/9/2014	8:00:00	73.8	8	319	7.84	9.9
8/9/2014	8:30:00	74	8.02	319	7.92	9.9
8/9/2014	9:00:00	74.2	8.03	319	8	9.9

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/9/2014	9:30:00	74.5	8.06	319	8.11	9.9
8/9/2014	10:00:00	74.8	8.07	319	8.16	9.9
8/9/2014	10:30:00	74.9	8.08	319	8.1	9.9
8/9/2014	11:00:00	75.3	8.09	319	8.16	9.9
8/9/2014	11:30:00	75.4	8.08	319	8.14	9.9
8/9/2014	12:00:00	75.6	8.09	319	8.14	9.9
8/9/2014	12:30:00	75.6	8.08	319	8.04	9.9
8/9/2014	13:00:00	75.8	8.08	319	8.05	9.9
8/9/2014	13:30:00	75.8	8.08	319	8	9.9
8/9/2014	14:00:00	75.9	8.08	319	8.01	9.9
8/9/2014	14:30:00	75.8	8.07	320	8	9.9
8/9/2014	15:00:00	75.7	8.06	320	7.91	9.9
8/9/2014	15:30:00	75.5	8.05	320	7.88	9.9
8/9/2014	16:00:00	75.3	8.03	320	7.85	9.9
8/9/2014	16:30:00	75.1	8.01	320	7.81	9.9
8/9/2014	17:00:00	74.9	7.99	321	7.72	9.9
8/9/2014	17:30:00	74.7	7.98	321	7.75	9.8
8/9/2014	18:00:00	74.5	7.96	321	7.65	9.9
8/9/2014	18:30:00	74.4	7.94	321	7.58	9.9
8/9/2014	19:00:00	74.2	7.92	322	7.52	9.9
8/9/2014	19:30:00	74.1	7.91	322	7.51	9.8
8/9/2014	20:00:00	74	7.91	321	7.42	9.9
8/9/2014	20:30:00	74	7.9	321	7.44	9.8
8/9/2014	21:00:00	74	7.9	321	7.42	9.8
8/9/2014	21:30:00	74.1	7.91	321	7.41	9.8
8/9/2014	22:00:00	74.2	7.92	321	7.41	9.8
8/9/2014	22:30:00	74.3	7.92	321	7.46	9.8
8/9/2014	23:00:00	74.4	7.94	321	7.53	9.8
8/9/2014	23:30:00	74.5	7.94	321	7.49	9.8
8/10/2014	0:00:00	74.5	7.95	321	7.51	9.8
8/10/2014	0:30:00	74.4	7.95	321	7.49	9.8
8/10/2014	1:00:00	74.4	7.95	321	7.5	9.8
8/10/2014	1:30:00	74.4	7.95	321	7.5	9.8
8/10/2014	2:00:00	74.4	7.95	320	7.48	9.8
8/10/2014	2:30:00	74.3	7.95	321	7.51	9.8
8/10/2014	3:00:00	74.3	7.95	321	7.52	9.8
8/10/2014	3:30:00	74.3	7.95	321	7.52	9.8
8/10/2014	4:00:00	74.3	7.95	321	7.51	9.8
8/10/2014	4:30:00	74.3	7.95	321	7.5	9.8
8/10/2014	5:00:00	74.2	7.95	321	7.5	9.8
8/10/2014	5:30:00	74.2	7.94	320	7.49	9.8
8/10/2014	6:00:00	74.2	7.94	321	7.47	9.8
8/10/2014	6:30:00	74.1	7.94	321	7.54	9.8
8/10/2014	7:00:00	74.1	7.95	321	7.55	9.8
8/10/2014	7:30:00	74.1	7.96	321	7.62	9.8
8/10/2014	8:00:00	74.2	7.97	320	7.72	9.8

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/10/2014	8:30:00	74.3	7.99	320	7.82	9.8
8/10/2014	9:00:00	74.6	8.01	320	7.93	9.7
8/10/2014	9:30:00	74.8	8.03	320	8.02	9.8
8/10/2014	10:00:00	75.1	8.04	320	8.03	9.7
8/10/2014	10:30:00	75.4	8.05	320	8.06	9.8
8/10/2014	11:00:00	75.6	8.06	320	8.11	9.8
8/10/2014	11:30:00	75.8	8.06	320	8.04	9.7
8/10/2014	12:00:00	76.1	8.08	320	8.15	9.8
8/10/2014	12:30:00	75.9	8.06	321	7.93	9.7
8/10/2014	13:00:00	76.3	8.07	321	8	9.8
8/10/2014	13:30:00	76.4	8.07	321	8	9.8
8/10/2014	14:00:00	76.3	8.06	321	7.97	9.8
8/10/2014	14:30:00	76.2	8.06	321	7.89	9.7
8/10/2014	15:00:00	76.2	8.06	321	7.98	9.7
8/10/2014	15:30:00	76.1	8.04	321	7.87	9.7
8/10/2014	16:00:00	75.9	8.03	322	7.82	9.7
8/10/2014	16:30:00	75.7	8	322	7.76	9.7
8/10/2014	17:00:00	75.5	8	322	7.76	9.7
8/10/2014	17:30:00	75.3	7.99	322	7.7	9.7
8/10/2014	18:00:00	75.1	7.97	322	7.63	9.7
8/10/2014	18:30:00	74.8	7.94	317	7.56	9.7
8/10/2014	19:00:00	74.6	7.92	317	7.52	9.7
8/10/2014	19:30:00	74.4	7.91	323	7.46	9.7
8/10/2014	20:00:00	74.2	7.89	323	7.4	9.7
8/10/2014	20:30:00	74.1	7.87	323	7.36	9.7
8/10/2014	21:00:00	74.1	7.87	323	7.36	9.7
8/10/2014	21:30:00	74	7.87	323	7.34	9.7
8/10/2014	22:00:00	74.1	7.87	323	7.37	9.7
8/10/2014	22:30:00	74.1	7.87	323	7.36	9.7
8/10/2014	23:00:00	74.1	7.88	323	7.39	9.7
8/10/2014	23:30:00	74.1	7.88	323	7.39	9.7
8/11/2014	0:00:00	74.1	7.88	323	7.37	9.7
8/11/2014	0:30:00	74.2	7.88	323	7.38	9.7
8/11/2014	1:00:00	74.2	7.88	323	7.37	9.7
8/11/2014	1:30:00	74.1	7.88	323	7.41	9.7
8/11/2014	2:00:00	74.1	7.88	323	7.4	9.7
8/11/2014	2:30:00	74.1	7.88	323	7.4	9.7
8/11/2014	3:00:00	74.1	7.88	323	7.39	9.7
8/11/2014	3:30:00	74.1	7.88	323	7.4	9.7
8/11/2014	4:00:00	74.1	7.88	323	7.39	9.7
8/11/2014	4:30:00	74.1	7.88	323	7.4	9.7
8/11/2014	5:00:00	74	7.88	323	7.41	9.7
8/11/2014	5:30:00	74	7.87	323	7.4	9.7
8/11/2014	6:00:00	74	7.87	323	7.39	9.7
8/11/2014	6:30:00	74	7.87	323	7.42	9.7
8/11/2014	7:00:00	74	7.88	322	7.56	9.7

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/11/2014	7:30:00	74.1	7.9	323	7.62	9.7
8/11/2014	8:00:00	74.1	7.91	323	7.68	9.7
8/11/2014	8:30:00	74.2	7.92	322	7.69	9.7
8/11/2014	9:00:00	74.5	7.97	322	8.04	9.7
8/11/2014	9:30:00	74.6	7.98	322	7.98	9.7
8/11/2014	10:00:00	74.7	7.98	322	7.97	9.7
8/11/2014	10:30:00	74.8	7.99	322	7.94	9.7
8/11/2014	11:00:00	75	8.01	322	8.1	9.7
8/11/2014	11:30:00	75.2	8.02	322	8.06	9.7
8/11/2014	12:00:00	75.2	8.01	322	7.92	9.7
8/11/2014	12:30:00	75.3	8.03	322	8.02	9.7
8/11/2014	13:00:00	75.5	8.04	322	8.04	9.6
8/11/2014	13:30:00	75.7	8.05	322	8.09	9.7
8/11/2014	14:00:00	75.9	8.04	322	7.98	9.6
8/11/2014	14:30:00	75.9	8.03	322	7.96	9.7
8/11/2014	15:00:00	76	8.04	322	7.99	9.6
8/11/2014	15:30:00	75.9	8.03	322	7.91	9.6
8/11/2014	16:00:00	75.8	8.02	322	7.88	9.6
8/11/2014	16:30:00	75.7	8.02	323	7.78	9.6
8/11/2014	17:00:00	75.5	8.01	323	7.79	9.6
8/11/2014	17:30:00	75.2	7.96	324	7.55	9.6
8/11/2014	18:00:00	74.9	7.93	324	7.45	9.6
8/11/2014	18:30:00	74.6	7.91	324	7.38	9.6
8/11/2014	19:00:00	74.4	7.88	324	7.31	9.6
8/11/2014	19:30:00	74.1	7.86	324	7.28	9.6
8/11/2014	20:00:00	73.9	7.84	325	7.25	9.6
8/11/2014	20:30:00	73.9	7.84	324	7.23	9.6
8/11/2014	21:00:00	73.8	7.84	324	7.26	9.6
8/11/2014	21:30:00	73.9	7.85	324	7.32	9.6
8/11/2014	22:00:00	73.9	7.86	323	7.33	9.6
8/11/2014	22:30:00	73.9	7.87	323	7.37	9.6
8/11/2014	23:00:00	73.9	7.87	323	7.33	9.6
8/11/2014	23:30:00	73.8	7.87	323	7.32	9.6
8/12/2014	0:00:00	73.8	7.88	322	7.35	9.5
8/12/2014	0:30:00	73.8	7.88	322	7.37	9.5
8/12/2014	1:00:00	73.7	7.88	322	7.39	9.6
8/12/2014	1:30:00	73.6	7.88	322	7.39	9.5
8/12/2014	2:00:00	73.4	7.88	321	7.41	9.5
8/12/2014	2:30:00	73.3	7.88	319	7.46	9.6
8/12/2014	3:00:00	73	7.88	316	7.46	9.5
8/12/2014	3:30:00	72.5	7.88	309	7.56	9.5
8/12/2014	4:00:00	72.6	7.89	312	7.53	9.5
8/12/2014	4:30:00	72.8	7.89	315	7.5	9.5
8/12/2014	5:00:00	72.8	7.9	313	7.55	9.5
8/12/2014	5:30:00	73.2	7.92	315	7.47	9.5
8/12/2014	6:00:00	73.3	7.94	317	7.46	9.5

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/12/2014	6:30:00	73.3	7.94	318	7.45	9.5
8/12/2014	7:00:00	73.3	7.94	318	7.49	9.5
8/12/2014	7:30:00	73.3	7.94	319	7.5	9.5
8/12/2014	8:00:00	73.2	7.94	319	7.47	9.5
8/12/2014	8:30:00	73.2	7.94	319	7.5	9.5
8/12/2014	9:00:00	73.2	7.94	319	7.47	9.5
8/12/2014	9:30:00	73.1	7.94	320	7.48	9.5
8/12/2014	10:00:00	73.1	7.95	319	7.56	9.5
8/12/2014	10:30:00	72.8	8.02	320	8.16	9.5
8/12/2014	11:00:00	72.8	7.97	320	8.1	9.5
8/12/2014	11:30:00	72.6	8.02	320	8.23	9.5
8/12/2014	12:00:00	72.7	8.01	321	8.18	9.4
8/12/2014	12:30:00	72.8	8	319	8.06	9.4
8/12/2014	13:00:00	72.9	7.98	319	7.87	9.4
8/12/2014	13:30:00	73	7.97	319	7.82	9.4
8/12/2014	14:00:00	73.1	7.98	319	7.9	9.4
8/12/2014	14:30:00	73.1	7.99	319	7.92	9.4
8/12/2014	15:00:00	73.3	8	319	8.04	9.4
8/12/2014	15:30:00	73.4	7.99	319	7.89	9.4
8/12/2014	16:00:00	73.6	8	319	7.91	9.4
8/12/2014	16:30:00	73.7	7.99	319	7.84	9.4
8/12/2014	17:00:00	73.6	7.97	320	7.78	9.4
8/12/2014	17:30:00	73.6	7.95	320	7.65	9.4
8/12/2014	18:00:00	73.4	7.92	321	7.6	9.4
8/12/2014	18:30:00	73.3	7.9	321	7.56	9.4
8/12/2014	19:00:00	73.1	7.89	321	7.51	9.4
8/12/2014	19:30:00	72.9	7.88	321	7.47	9.4
8/12/2014	20:00:00	72.8	7.87	321	7.47	9.4
8/12/2014	20:30:00	72.6	7.86	321	7.43	9.4
8/12/2014	21:00:00	72.5	7.86	321	7.42	9.4
8/12/2014	21:30:00	72.3	7.85	321	7.41	9.4
8/12/2014	22:00:00	72.2	7.85	321	7.41	9.4
8/12/2014	22:30:00	72	7.85	320	7.44	9.4
8/12/2014	23:00:00	71.8	7.85	320	7.44	9.4
8/12/2014	23:30:00	71.7	7.85	320	7.49	9.4
8/13/2014	0:00:00	71.6	7.84	320	7.47	9.4
8/13/2014	0:30:00	71.5	7.84	320	7.54	9.4
8/13/2014	1:00:00	71.4	7.84	320	7.5	9.4
8/13/2014	1:30:00	71.3	7.84	320	7.51	9.4
8/13/2014	2:00:00	71.3	7.84	320	7.54	9.4
8/13/2014	2:30:00	71.2	7.84	320	7.51	9.4
8/13/2014	3:00:00	71.2	7.84	320	7.5	9.4
8/13/2014	3:30:00	71.2	7.83	320	7.52	9.4
8/13/2014	4:00:00	71.2	7.82	320	7.51	9.4
8/13/2014	4:30:00	71.1	7.82	321	7.55	9.4
8/13/2014	5:00:00	71	7.82	320	7.52	9.4

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/13/2014	5:30:00	70.9	7.81	320	7.54	9.4
8/13/2014	6:00:00	70.9	7.81	320	7.52	9.4
8/13/2014	6:30:00	70.8	7.81	320	7.55	9.4
8/13/2014	7:00:00	70.8	7.82	320	7.64	9.4
8/13/2014	7:30:00	70.8	7.84	323	7.63	9.4
8/13/2014	8:00:00	70.9	7.86	325	7.8	9.4
8/13/2014	8:30:00	70.9	7.86	320	8.23	9.3
8/13/2014	9:00:00	71.2	7.92	321	8.43	9.3
8/13/2014	9:30:00	71.3	7.91	322	8.25	9.3
8/13/2014	10:00:00	71.5	7.92	322	8.07	9.4
8/13/2014	10:30:00	71.5	7.97	321	8.41	9.3
8/13/2014	11:00:00	71.9	7.99	321	8.56	9.3
8/13/2014	11:30:00	72	7.91	320	7.99	9.3
8/13/2014	12:00:00	72.1	7.89	319	7.79	9.4
8/13/2014	12:30:00	72.4	7.92	323	8.02	9.3
8/13/2014	13:00:00	72.6	7.92	320	8.08	9.3
8/13/2014	13:30:00	72.6	7.92	320	8.07	9.3
8/13/2014	14:00:00	72.5	7.9	320	8.01	9.4
8/13/2014	14:30:00	72.5	7.89	321	7.84	9.3
8/13/2014	15:00:00	72.6	7.92	324	8.03	9.3
8/13/2014	15:30:00	72.6	7.91	324	7.91	9.3
8/13/2014	16:00:00	72.5	7.96	322	8.12	9.3
8/13/2014	16:30:00	72.6	7.97	321	8.24	9.3
8/13/2014	17:00:00	72.5	7.9	321	7.76	9.3
8/13/2014	17:30:00	72.4	7.89	320	7.76	9.3
8/13/2014	18:00:00	72.2	7.86	320	7.55	9.3
8/13/2014	18:30:00	72.1	7.88	322	7.85	9.3
8/13/2014	19:00:00	71.8	7.86	321	7.77	9.3
8/13/2014	19:30:00	71.7	7.85	321	7.76	9.3
8/13/2014	20:00:00	71.5	7.84	321	7.72	9.3
8/13/2014	20:30:00	71.3	7.82	321	7.66	9.3
8/13/2014	21:00:00	71	7.81	321	7.65	9.3
8/13/2014	21:30:00	70.7	7.79	321	7.67	9.3
8/13/2014	22:00:00	70.5	7.79	322	7.63	9.3
8/13/2014	22:30:00	70.3	7.77	321	7.63	9.3
8/13/2014	23:00:00	70.1	7.76	321	7.64	9.3
8/13/2014	23:30:00	70	7.76	321	7.67	9.3
8/14/2014	0:00:00	69.9	7.76	321	7.63	9.2
8/14/2014	0:30:00	69.8	7.75	321	7.67	9.3
8/14/2014	1:00:00	69.7	7.75	321	7.68	9.3
8/14/2014	1:30:00	69.6	7.75	321	7.65	9.3
8/14/2014	2:00:00	69.5	7.74	321	7.66	9.2
8/14/2014	2:30:00	69.4	7.74	322	7.65	9.2
8/14/2014	3:00:00	69.3	7.74	322	7.7	9.2
8/14/2014	3:30:00	69.3	7.74	321	7.71	9.2
8/14/2014	4:00:00	69.2	7.74	321	7.71	9.2

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/14/2014	4:30:00	69.2	7.75	321	7.71	9.2
8/14/2014	5:00:00	69.2	7.75	322	7.75	9.2
8/14/2014	5:30:00	69.1	7.75	322	7.75	9.2
8/14/2014	6:00:00	69.1	7.75	322	7.77	9.2
8/14/2014	6:30:00	69.1	7.76	322	7.84	9.2
8/14/2014	7:00:00	69.1	7.76	322	7.83	9.2
8/14/2014	7:30:00	69.1	7.77	321	7.92	9.2
8/14/2014	8:00:00	69.2	7.79	321	8.02	9.2
8/14/2014	8:30:00	69.3	7.8	321	7.97	9.2
8/14/2014	9:00:00	69.6	7.87	323	8.29	9.2
8/14/2014	9:30:00	69.8	7.88	322	8.47	9.2
8/14/2014	10:00:00	70.1	7.89	322	8.32	9.2
8/14/2014	10:30:00	70.4	7.96	322	8.72	9.2
8/14/2014	11:00:00	70.7	7.98	321	8.73	9.2
8/14/2014	11:30:00	64.7	7.99	321	8.75	9.1
8/14/2014	12:00:00	71	8.09	322	8.48	9
8/14/2014	12:30:00	71.1	8.08	322	8.43	9
8/14/2014	13:00:00	71.2	8.09	322	8.36	9
8/14/2014	13:30:00	71.3	8.08	322	8.32	9
8/14/2014	14:00:00	71.4	8.07	323	8.31	9
8/14/2014	14:30:00	71.5	8.07	322	8.27	9
8/14/2014	15:00:00	71.5	8.02	323	7.94	9.1
8/14/2014	15:30:00	71.4	7.98	323	7.98	9.1
8/14/2014	16:00:00	71.4	8	325	7.84	9.1
8/14/2014	16:30:00	71.3	7.98	326	7.9	9.1
8/14/2014	17:00:00	71.3	7.99	327	7.86	9.1
8/14/2014	17:30:00	71.3	7.97	325	7.68	9.1
8/14/2014	18:00:00	71.1	7.96	325	7.82	9.1
8/14/2014	18:30:00	71	7.95	325	7.74	9.1
8/14/2014	19:00:00	70.9	7.95	325	7.71	9
8/14/2014	19:30:00	70.7	7.94	325	7.7	9
8/14/2014	20:00:00	70.6	7.93	325	7.69	9
8/14/2014	20:30:00	70.5	7.92	325	7.66	9
8/14/2014	21:00:00	70.3	7.91	325	7.63	9
8/14/2014	21:30:00	70.2	7.9	325	7.63	9
8/14/2014	22:00:00	70.1	7.89	325	7.61	9
8/14/2014	22:30:00	69.9	7.88	325	7.6	9
8/14/2014	23:00:00	69.8	7.87	325	7.58	9
8/14/2014	23:30:00	69.7	7.87	325	7.59	9
8/15/2014	0:00:00	69.7	7.87	325	7.57	9
8/15/2014	0:30:00	69.6	7.87	325	7.58	9
8/15/2014	1:00:00	69.6	7.87	325	7.58	9
8/15/2014	1:30:00	69.6	7.87	325	7.63	9
8/15/2014	2:00:00	69.6	7.88	325	7.64	9
8/15/2014	2:30:00	69.6	7.88	325	7.68	9
8/15/2014	3:00:00	69.6	7.88	325	7.67	9

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/15/2014	3:30:00	69.5	7.88	325	7.68	9
8/15/2014	4:00:00	69.4	7.88	324	7.65	9
8/15/2014	4:30:00	69.3	7.87	325	7.67	9
8/15/2014	5:00:00	69.2	7.87	324	7.66	9
8/15/2014	5:30:00	69.1	7.86	325	7.67	9
8/15/2014	6:00:00	69	7.86	325	7.7	9
8/15/2014	6:30:00	68.9	7.86	325	7.74	9
8/15/2014	7:00:00	68.9	7.86	325	7.77	9
8/15/2014	7:30:00	68.9	7.87	325	7.84	9
8/15/2014	8:00:00	68.9	7.88	324	7.85	9
8/15/2014	8:30:00	69	7.89	324	7.99	9
8/15/2014	9:00:00	69.3	7.92	324	8.15	9
8/15/2014	9:30:00	69.6	7.94	325	8.22	9
8/15/2014	10:00:00	69.9	7.95	324	8.21	9
8/15/2014	10:30:00	70.1	7.97	324	8.23	9
8/15/2014	11:00:00	70.4	7.99	324	8.26	9
8/15/2014	11:30:00	70.5	7.97	325	8.01	9
8/15/2014	12:00:00	70.8	7.97	328	7.92	9
8/15/2014	12:30:00	70.8	7.98	327	8.16	9
8/15/2014	13:00:00	70.9	7.98	328	8.43	9
8/15/2014	13:30:00	70.9	7.97	328	8.52	9
8/15/2014	14:00:00	70.9	7.96	328	8.51	9
8/15/2014	14:30:00	71	7.95	329	8.48	9
8/15/2014	15:00:00	71	7.95	328	8.45	9
8/15/2014	15:30:00	71.2	7.98	329	7.96	9
8/15/2014	16:00:00	71.1	7.96	326	7.92	9
8/15/2014	16:30:00	71.2	7.95	326	7.88	9
8/15/2014	17:00:00	71.2	7.94	326	7.85	9
8/15/2014	17:30:00	71.2	7.93	326	7.82	9
8/15/2014	18:00:00	71.2	7.92	326	7.81	9
8/15/2014	18:30:00	71.1	7.91	325	7.77	9
8/15/2014	19:00:00	71	7.9	325	7.77	9
8/15/2014	19:30:00	70.9	7.9	325	7.74	9
8/15/2014	20:00:00	70.8	7.89	325	7.71	9
8/15/2014	20:30:00	70.7	7.88	326	7.69	9
8/15/2014	21:00:00	70.6	7.88	326	7.64	9
8/15/2014	21:30:00	70.5	7.87	325	7.64	9
8/15/2014	22:00:00	70.4	7.86	325	7.69	9
8/15/2014	22:30:00	70.4	7.86	325	7.64	9
8/15/2014	23:00:00	70.3	7.85	326	7.64	9
8/15/2014	23:30:00	70.2	7.84	325	7.64	9
8/16/2014	0:00:00	70.1	7.84	326	7.63	9
8/16/2014	0:30:00	70	7.83	326	7.62	9
8/16/2014	1:00:00	69.9	7.83	326	7.62	9
8/16/2014	1:30:00	69.9	7.83	326	7.64	9
8/16/2014	2:00:00	69.8	7.83	326	7.64	9

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/16/2014	2:30:00	69.8	7.83	325	7.64	9
8/16/2014	3:00:00	69.7	7.83	326	7.65	9
8/16/2014	3:30:00	69.7	7.83	326	7.63	9
8/16/2014	4:00:00	69.7	7.83	326	7.64	9
8/16/2014	4:30:00	69.7	7.83	326	7.65	9
8/16/2014	5:00:00	69.7	7.83	326	7.66	9
8/16/2014	5:30:00	69.7	7.83	325	7.65	8.9
8/16/2014	6:00:00	69.7	7.84	326	7.64	9
8/16/2014	6:30:00	69.7	7.84	326	7.67	9
8/16/2014	7:00:00	69.8	7.84	325	7.74	8.9
8/16/2014	7:30:00	69.8	7.85	326	7.77	8.9
8/16/2014	8:00:00	69.8	7.85	326	7.73	8.9
8/16/2014	8:30:00	69.9	7.85	326	7.77	8.9
8/16/2014	9:00:00	70	7.87	324	7.93	8.9
8/16/2014	9:30:00	70.1	7.88	325	7.91	9
8/16/2014	10:00:00	70.2	7.89	325	7.98	8.9
8/16/2014	10:30:00	70.2	7.9	325	7.97	8.9
8/16/2014	11:00:00	70.4	7.93	325	8.18	8.9
8/16/2014	11:30:00	70.5	7.92	324	8.03	8.9
8/16/2014	12:00:00	70.5	7.92	324	7.94	8.9
8/16/2014	12:30:00	70.7	7.95	324	8.18	8.9
8/16/2014	13:00:00	71.2	7.98	324	8.28	8.9
8/16/2014	13:30:00	71.2	7.97	324	8.15	8.9
8/16/2014	14:00:00	71.3	7.98	323	8.18	8.9
8/16/2014	14:30:00	71.3	7.98	324	8.14	8.9
8/16/2014	15:00:00	71.5	7.99	325	8.18	8.9
8/16/2014	15:30:00	71.3	7.96	325	7.89	8.9
8/16/2014	16:00:00	71.3	7.96	324	7.93	8.9
8/16/2014	16:30:00	71.3	7.98	324	8.12	8.9
8/16/2014	17:00:00	71.3	7.97	325	7.97	8.9
8/16/2014	17:30:00	71.2	7.97	324	7.99	8.9
8/16/2014	18:00:00	71	7.95	324	7.94	8.9
8/16/2014	18:30:00	70.9	7.93	325	7.91	8.9
8/16/2014	19:00:00	70.7	7.92	325	7.91	8.9
8/16/2014	19:30:00	70.4	7.9	325	7.8	8.9
8/16/2014	20:00:00	70.2	7.88	326	7.79	8.9
8/16/2014	20:30:00	69.9	7.87	326	7.75	8.9
8/16/2014	21:00:00	69.7	7.85	326	7.77	8.9
8/16/2014	21:30:00	69.6	7.84	325	7.75	8.9
8/16/2014	22:00:00	69.5	7.84	326	7.77	8.9
8/16/2014	22:30:00	69.4	7.83	325	7.73	8.9
8/16/2014	23:00:00	69.3	7.83	326	7.76	8.9
8/16/2014	23:30:00	69.2	7.83	325	7.74	8.8
8/17/2014	0:00:00	69.2	7.83	325	7.78	8.9
8/17/2014	0:30:00	69.1	7.82	325	7.77	8.9
8/17/2014	1:00:00	69.1	7.82	326	7.78	8.8

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8/17/2014	1:30:00	69	7.82	326	7.78	8.8
8/17/2014	2:00:00	69	7.82	326	7.76	8.8
8/17/2014	2:30:00	68.9	7.81	325	7.75	8.8
8/17/2014	3:00:00	68.9	7.81	325	7.76	8.8
8/17/2014	3:30:00	68.8	7.81	326	7.81	8.8
8/17/2014	4:00:00	68.8	7.82	326	7.75	8.8
8/17/2014	4:30:00	68.8	7.82	326	7.82	8.8
8/17/2014	5:00:00	68.8	7.82	325	7.81	8.8
8/17/2014	5:30:00	68.7	7.82	325	7.81	8.8
8/17/2014	6:00:00	68.7	7.82	326	7.83	8.8
8/17/2014	6:30:00	68.6	7.82	326	7.86	8.8
8/17/2014	7:00:00	68.6	7.83	326	7.92	8.8
8/17/2014	7:30:00	68.6	7.84	325	7.96	8.8
8/17/2014	8:00:00	68.6	7.85	325	8.06	8.8
8/17/2014	8:30:00	68.7	7.87	325	8.16	8.8
8/17/2014	9:00:00	68.8	7.88	325	8.17	8.8
8/17/2014	9:30:00	68.9	7.9	324	8.28	8.8
8/17/2014	10:00:00	69.2	7.93	325	8.36	8.8
8/17/2014	10:30:00	69.4	7.93	325	8.33	8.8
8/17/2014	11:00:00	69.5	7.94	324	8.34	8.8
8/17/2014	11:30:00	69.5	7.93	325	8.28	8.8
8/17/2014	12:00:00	69.7	7.95	324	8.38	8.8
8/17/2014	12:30:00	69.9	7.97	324	8.43	8.8
8/17/2014	13:00:00	70	7.97	325	8.38	8.8
8/17/2014	13:30:00	70	7.96	324	8.37	8.7
8/17/2014	14:00:00	70.1	7.97	325	8.33	8.7
8/17/2014	14:30:00	70.1	7.97	325	8.32	8.8
8/17/2014	15:00:00	70.1	7.96	325	8.27	8.8
8/17/2014	15:30:00	70.1	7.95	325	8.17	8.7
8/17/2014	16:00:00	70	7.95	325	8.17	8.7
8/17/2014	16:30:00	69.9	7.93	325	8.04	8.7
8/17/2014	17:00:00	69.9	7.93	325	8.09	8.7
8/17/2014	17:30:00	69.8	7.91	325	8.07	8.7
8/17/2014	18:00:00	69.6	7.89	325	7.96	8.7
8/17/2014	18:30:00	69.5	7.88	325	7.9	8.7
8/17/2014	19:00:00	69.3	7.87	325	7.92	8.7
8/17/2014	19:30:00	69	7.85	326	7.83	8.7
8/17/2014	20:00:00	68.8	7.83	325	7.78	8.7
8/17/2014	20:30:00	68.5	7.82	325	7.76	8.7
8/17/2014	21:00:00	68.4	7.81	325	7.73	8.7
8/17/2014	21:30:00	68.2	7.8	325	7.73	8.7
8/17/2014	22:00:00	68.2	7.8	324	7.75	8.7
8/17/2014	22:30:00	68.1	7.8	325	7.75	8.7
8/17/2014	23:00:00	68.1	7.79	324	7.76	8.7
8/17/2014	23:30:00	68.1	7.79	325	7.75	8.7
8/18/2014	0:00:00	68.1	7.79	325	7.78	8.7

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/18/2014	0:30:00	68.1	7.79	325	7.76	8.7
8/18/2014	1:00:00	68.1	7.79	324	7.78	8.7
8/18/2014	1:30:00	68.1	7.79	324	7.77	8.7
8/18/2014	2:00:00	68.1	7.79	325	7.76	8.7
8/18/2014	2:30:00	68.1	7.79	325	7.79	8.7
8/18/2014	3:00:00	68	7.79	324	7.79	8.7
8/18/2014	3:30:00	68	7.79	325	7.8	8.7
8/18/2014	4:00:00	68.1	7.79	325	7.81	8.7
8/18/2014	4:30:00	68.1	7.79	324	7.8	8.7
8/18/2014	5:00:00	68.1	7.79	325	7.83	8.7
8/18/2014	5:30:00	68.1	7.79	325	7.81	8.7
8/18/2014	6:00:00	68.1	7.79	324	7.8	8.7
8/18/2014	6:30:00	68.1	7.79	324	7.79	8.7
8/18/2014	7:00:00	68.1	7.79	324	7.81	8.7
8/18/2014	7:30:00	68.1	7.79	324	7.82	8.7
8/18/2014	8:00:00	68.2	7.81	324	7.96	8.7
8/18/2014	8:30:00	68.2	7.82	324	8.01	8.7
8/18/2014	9:00:00	68.3	7.84	324	8.14	8.7
8/18/2014	9:30:00	68.4	7.82	325	7.96	8.7
8/18/2014	10:00:00	68.4	7.82	324	7.92	8.7
8/18/2014	10:30:00	68.4	7.82	324	7.89	8.7
8/18/2014	11:00:00	68.5	7.82	324	7.94	8.7
8/18/2014	11:30:00	68.5	7.83	324	8.08	8.7
8/18/2014	12:00:00	68.5	7.82	324	7.94	8.7
8/18/2014	12:30:00	68.5	7.82	324	7.95	8.7
8/18/2014	13:00:00	68.7	7.86	324	8.27	8.7
8/18/2014	13:30:00	69	7.87	323	8.25	8.7
8/18/2014	14:00:00	69.1	7.85	324	8.12	8.7
8/18/2014	14:30:00	69.3	7.87	323	8.17	8.7
8/18/2014	15:00:00	69.3	7.86	324	8.07	8.7
8/18/2014	15:30:00	69.3	7.86	325	8.07	8.7
8/18/2014	16:00:00	69.2	7.89	325	8.09	8.7
8/18/2014	16:30:00	69.2	7.84	325	7.93	8.7
8/18/2014	17:00:00	69.1	7.8	324	7.73	8.7
8/18/2014	17:30:00	68.9	7.84	325	7.98	8.7
8/18/2014	18:00:00	68.9	7.84	324	7.96	8.7
8/18/2014	18:30:00	68.8	7.83	327	7.97	8.7
8/18/2014	19:00:00	68.7	7.74	325	7.32	8.7
8/18/2014	19:30:00	68.5	7.72	324	7.44	8.7
8/18/2014	20:00:00	68.3	7.71	324	7.34	8.7
8/18/2014	20:30:00	68.2	7.72	325	7.4	8.7
8/18/2014	21:00:00	68.2	7.74	324	7.47	8.6
8/18/2014	21:30:00	68.1	7.75	324	7.58	8.6
8/18/2014	22:00:00	68.1	7.76	329	7.56	8.6
8/18/2014	22:30:00	68.1	7.76	325	7.69	8.6
8/18/2014	23:00:00	68	7.76	325	7.69	8.6

Water Quality Monitoring Data August 01-19, 2014
Oconton Falls Lower P-2689
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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/18/2014	23:30:00	68	7.76	324	7.7	8.6
8/19/2014	0:00:00	68	7.75	324	7.71	8.6
8/19/2014	0:30:00	68	7.75	325	7.67	8.6
8/19/2014	1:00:00	68	7.75	323	7.7	8.6
8/19/2014	1:30:00	68	7.75	324	7.69	8.6
8/19/2014	2:00:00	68	7.76	324	7.69	8.6
8/19/2014	2:30:00	68	7.76	324	7.7	8.6
8/19/2014	3:00:00	68	7.76	321	7.73	8.6
8/19/2014	3:30:00	68	7.77	321	7.76	8.6
8/19/2014	4:00:00	68	7.77	322	7.75	8.6
8/19/2014	4:30:00	68	7.76	322	7.74	8.6
8/19/2014	5:00:00	68	7.77	323	7.7	8.6
8/19/2014	5:30:00	68	7.76	323	7.72	8.6
8/19/2014	6:00:00	68	7.75	324	7.66	8.6
8/19/2014	6:30:00	68	7.75	324	7.68	8.5
8/19/2014	7:00:00	68	7.74	324	7.7	8.5
8/19/2014	7:30:00	68	7.74	325	7.71	8.5
8/19/2014	8:00:00	68	7.75	324	7.77	8.5
8/19/2014	8:30:00	68	7.75	324	7.9	8.5
8/19/2014	9:00:00	68.1	7.75	324	7.84	8.5
8/19/2014	9:30:00	68.4	7.8	328	8.19	8.5
8/19/2014	10:00:00	68.6	7.81	328	8.18	8.5
8/19/2014	10:30:00	68.6	7.8	329	8.03	8.5
8/19/2014	11:00:00	68.8	7.83	329	8.23	8.5
8/19/2014	11:30:00	68.9	7.81	329	8.01	8.5
8/19/2014	12:00:00	69.1	7.83	328	8.17	8.5
8/19/2014	12:30:00	69	7.78	323	7.83	8.5
8/19/2014	13:00:00	69.1	7.8	327	7.72	8.5
8/19/2014	13:30:00	69.2	7.8	326	7.79	8.5
8/19/2014	14:00:00	69.3	7.81	327	7.88	8.5
8/19/2014	14:30:00	69.3	7.81	325	7.75	8.5
8/19/2014	15:00:00	69.5	7.82	324	7.86	8.5
Average		72.16	7.94	321.02	7.80	9.69
High		76.40	8.15	329.00	8.76	11.50
Low		64.70	7.71	309.00	7.20	8.50

Water Quality Monitoring Data August 19-30, 2014
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Hydrolab MS5 60752

Log File Name : AUG19-SEPT1-OFLW

Setup Date (M/D/YYYY) : 8/19/2014

Setup Time (HH:MM:SS) : 15:34:36

Starting Date (M/D/YYYY) : 8/19/2014

Starting Time (HH:MM:SS) : 16:00:00

Stopping Date (M/D/YYYY) : 8/31/2014

Stopping Time (HH:MM:SS) : 23:30:00:00

Interval (HH:MM:SS) : 00:30:00

Sensor warmup (HH:MM:SS) : 00:00:30

Circltr warmup (HH:MM:SS) : 00:00:00

Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/19/2014	16:00:00	69.7	7.91	322	8.13	8
8/19/2014	16:30:00	69.7	7.93	322	8.11	8.1
8/19/2014	17:00:00	69.8	7.94	322	8.11	8.1
8/19/2014	17:30:00	69.7	7.92	323	8.09	8.1
8/19/2014	18:00:00	69.6	7.91	324	8.21	8.2
8/19/2014	18:30:00	69.4	7.9	322	8.1	8.2
8/19/2014	19:00:00	69.3	7.88	323	8.06	8.2
8/19/2014	19:30:00	69.3	7.88	324	8.04	8.2
8/19/2014	20:00:00	69.4	7.86	325	8.02	8.2
8/19/2014	20:30:00	69.3	7.86	318	8.01	8.2
8/19/2014	21:00:00	69.2	7.85	319	7.99	8.2
8/19/2014	21:30:00	69.2	7.84	318	7.95	8.2
8/19/2014	22:00:00	69.2	7.84	317	7.98	8.2
8/19/2014	22:30:00	69.1	7.84	317	7.98	8.2
8/19/2014	23:00:00	69	7.83	318	7.94	8.2
8/19/2014	23:30:00	68.9	7.82	317	7.93	8.2
8/20/2014	0:00:00	68.8	7.81	318	7.92	8.2
8/20/2014	0:30:00	68.7	7.81	318	7.89	8.2
8/20/2014	1:00:00	68.6	7.8	318	7.9	8.1
8/20/2014	1:30:00	68.5	7.8	318	7.91	8.1
8/20/2014	2:00:00	68.5	7.8	318	7.91	8.1
8/20/2014	2:30:00	68.4	7.79	318	7.93	8.1
8/20/2014	3:00:00	68.4	7.79	318	7.93	8.1
8/20/2014	3:30:00	68.4	7.79	319	7.95	8.1
8/20/2014	4:00:00	68.4	7.79	318	7.96	8.1
8/20/2014	4:30:00	68.3	7.79	319	7.98	8.1
8/20/2014	5:00:00	68.3	7.79	318	7.98	8.1
8/20/2014	5:30:00	68.3	7.79	318	7.96	8
8/20/2014	6:00:00	68.3	7.79	319	7.97	8
8/20/2014	6:30:00	68.4	7.78	318	7.65	8
8/20/2014	7:00:00	68.3	7.8	317	7.82	8
8/20/2014	7:30:00	68.3	7.81	318	8.12	8
8/20/2014	8:00:00	68.4	7.82	318	8.17	8
8/20/2014	8:30:00	68.5	7.85	318	8.34	8

Water Quality Monitoring Data August 19-30, 2014
Oconto Falls Lower P-2689
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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/20/2014	9:00:00	68.6	7.85	318	8.33	8
8/20/2014	9:30:00	68.5	7.84	318	8.28	8
8/20/2014	10:00:00	68.6	7.86	318	8.34	8
8/20/2014	10:30:00	68.6	7.85	318	8.26	8
8/20/2014	11:00:00	68.6	7.86	318	8.33	8
8/20/2014	11:30:00	68.6	7.85	318	8.36	8
8/20/2014	12:00:00	68.6	7.86	318	8.38	8
8/20/2014	12:30:00	68.7	7.86	318	8.46	7.9
8/20/2014	13:00:00	68.8	7.87	318	8.4	7.9
8/20/2014	13:30:00	68.8	7.86	318	8.44	7.9
8/20/2014	14:00:00	68.7	7.85	319	8.37	7.9
8/20/2014	14:30:00	68.7	7.85	319	8.35	7.9
8/20/2014	15:00:00	68.9	7.86	322	8.34	7.9
8/20/2014	15:30:00	69	7.85	325	8.19	7.9
8/20/2014	16:00:00	69	7.84	325	8.21	7.8
8/20/2014	16:30:00	69	7.84	325	8.19	7.8
8/20/2014	17:00:00	69.1	7.84	323	8.16	7.8
8/20/2014	17:30:00	69.2	7.84	322	8.15	7.8
8/20/2014	18:00:00	69.3	7.84	322	8.17	7.8
8/20/2014	18:30:00	69.4	7.85	322	8.21	7.8
8/20/2014	19:00:00	69.5	7.85	324	8.16	7.8
8/20/2014	19:30:00	69.4	7.84	323	8.12	7.8
8/20/2014	20:00:00	69.4	7.83	324	8.07	7.7
8/20/2014	20:30:00	69.3	7.82	323	8.03	7.7
8/20/2014	21:00:00	69.3	7.81	324	8.02	7.7
8/20/2014	21:30:00	69.1	7.8	323	8.02	7.7
8/20/2014	22:00:00	69	7.79	323	7.96	7.7
8/20/2014	22:30:00	68.9	7.77	325	7.94	7.7
8/20/2014	23:00:00	68.8	7.77	323	7.89	7.7
8/20/2014	23:30:00	68.8	7.76	325	7.92	7.7
8/21/2014	0:00:00	68.7	7.75	324	7.89	7.7
8/21/2014	0:30:00	68.6	7.74	325	7.87	7.7
8/21/2014	1:00:00	68.5	7.74	323	7.85	7.7
8/21/2014	1:30:00	68.6	7.74	325	7.88	7.7
8/21/2014	2:00:00	68.5	7.74	323	7.91	7.7
8/21/2014	2:30:00	68.5	7.74	323	7.92	7.7
8/21/2014	3:00:00	68.5	7.74	323	7.9	7.7
8/21/2014	3:30:00	68.4	7.74	324	7.88	7.7
8/21/2014	4:00:00	68.4	7.74	324	7.85	7.7
8/21/2014	4:30:00	68.4	7.73	324	7.9	7.7
8/21/2014	5:00:00	68.4	7.73	324	7.89	7.7
8/21/2014	5:30:00	68.3	7.73	324	7.91	7.7
8/21/2014	6:00:00	68.3	7.72	321	7.88	7.7
8/21/2014	6:30:00	68.3	7.72	324	7.89	7.7
8/21/2014	7:00:00	68.2	7.72	321	7.93	7.7
8/21/2014	7:30:00	68.3	7.72	323	7.95	7.6

Water Quality Monitoring Data August 19-30, 2014
Oconto Falls Lower P-2689
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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/21/2014	8:00:00	68.4	7.73	321	8.03	7.6
8/21/2014	8:30:00	68.5	7.75	322	8.07	7.6
8/21/2014	9:00:00	68.6	7.76	321	8.21	7.6
8/21/2014	9:30:00	68.6	7.77	320	8.18	7.6
8/21/2014	10:00:00	68.7	7.77	320	8.22	7.6
8/21/2014	10:30:00	68.7	7.77	320	8.18	7.6
8/21/2014	11:00:00	68.7	7.76	320	8.15	7.6
8/21/2014	11:30:00	68.6	7.75	320	8.05	7.6
8/21/2014	12:00:00	68.4	7.72	320	8.24	7.7
8/21/2014	12:30:00	68.4	7.71	321	7.84	7.5
8/21/2014	13:00:00	68.2	7.72	319	7.87	7.5
8/21/2014	13:30:00	68.2	7.72	320	7.91	7.5
8/21/2014	14:00:00	68.2	7.72	319	7.94	7.5
8/21/2014	14:30:00	68.2	7.72	319	7.97	7.4
8/21/2014	15:00:00	68.2	7.71	319	7.92	7.6
8/21/2014	15:30:00	68.1	7.71	319	7.92	7.4
8/21/2014	16:00:00	68.1	7.71	318	7.94	12.2
8/21/2014	16:30:00	68.2	7.71	319	7.92	12.2
8/21/2014	17:00:00	68.4	7.74	319	7.93	12.2
8/21/2014	17:30:00	68.3	7.76	320	7.96	12.1
8/21/2014	18:00:00	68.2	7.76	317	7.96	12.1
8/21/2014	18:30:00	68.2	7.76	317	7.99	12.1
8/21/2014	19:00:00	68.3	7.76	317	7.99	12.1
8/21/2014	19:30:00	68.3	7.76	317	7.93	12.1
8/21/2014	20:00:00	68.3	7.76	317	7.97	12.1
8/21/2014	20:30:00	68.4	7.76	318	7.98	12.1
8/21/2014	21:00:00	68.4	7.76	317	7.99	12.1
8/21/2014	21:30:00	68.4	7.76	318	7.97	12.1
8/21/2014	22:00:00	68.3	7.75	317	7.93	12.1
8/21/2014	22:30:00	68.3	7.74	317	7.97	12.1
8/21/2014	23:00:00	68.3	7.74	318	7.94	12.1
8/21/2014	23:30:00	68.3	7.74	318	7.97	12.1
8/22/2014	0:00:00	68.3	7.74	317	7.99	12
8/22/2014	0:30:00	68.3	7.74	316	7.96	12
8/22/2014	1:00:00	68.3	7.74	316	7.93	12
8/22/2014	1:30:00	68.2	7.73	314	7.94	12
8/22/2014	2:00:00	68.1	7.72	312	7.92	12
8/22/2014	2:30:00	68.1	7.72	315	7.89	12
8/22/2014	3:00:00	68.1	7.72	313	7.93	12
8/22/2014	3:30:00	68.1	7.71	314	7.93	12
8/22/2014	4:00:00	68.1	7.71	314	7.94	11.9
8/22/2014	4:30:00	68	7.71	313	7.91	11.9
8/22/2014	5:00:00	68	7.71	315	7.89	11.9
8/22/2014	5:30:00	68	7.71	314	7.91	11.9
8/22/2014	6:00:00	68	7.71	315	7.91	11.9
8/22/2014	6:30:00	67.9	7.71	315	7.95	11.9

Water Quality Monitoring Data August 19-30, 2014
Oconto Falls Lower P-2689
License Article # 404

Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/22/2014	7:00:00	67.9	7.7	314	7.96	11.9
8/22/2014	7:30:00	67.9	7.7	314	8.01	11.8
8/22/2014	8:00:00	67.9	7.71	313	8.02	11.9
8/22/2014	8:30:00	67.9	7.71	312	8.06	11.8
8/22/2014	9:00:00	67.9	7.73	313	8.1	11.8
8/22/2014	9:30:00	67.9	7.74	312	8.21	11.8
8/22/2014	10:00:00	68	7.75	313	8.24	11.8
8/22/2014	10:30:00	68	7.75	312	8.23	11.8
8/22/2014	11:00:00	68.1	7.76	313	8.35	11.8
8/22/2014	11:30:00	68.2	7.77	313	8.42	11.8
8/22/2014	12:00:00	68.3	7.81	313	8.88	11.8
8/22/2014	12:30:00	68.2	7.78	312	8.58	11.8
8/22/2014	13:00:00	68.2	7.78	313	8.38	11.8
8/22/2014	13:30:00	68.6	7.93	311	8.98	11.8
8/22/2014	14:00:00	68.9	7.93	315	9.01	11.8
8/22/2014	14:30:00	68.8	7.88	315	8.64	11.8
8/22/2014	15:00:00	68.9	7.88	314	8.78	11.8
8/22/2014	15:30:00	68.9	7.87	312	8.7	11.8
8/22/2014	16:00:00	68.6	7.8	308	8.56	11.8
8/22/2014	16:30:00	68.7	7.81	316	8.43	11.8
8/22/2014	17:00:00	68.2	7.75	311	8.09	11.8
8/22/2014	17:30:00	68.1	7.79	311	8.29	11.8
8/22/2014	18:00:00	68	7.77	310	8.41	11.8
8/22/2014	18:30:00	68	7.76	307	8.32	11.8
8/22/2014	19:00:00	67.9	7.74	307	8.28	11.8
8/22/2014	19:30:00	67.8	7.72	307	8.22	11.8
8/22/2014	20:00:00	67.6	7.71	305	8.21	11.8
8/22/2014	20:30:00	67.6	7.69	305	8.2	11.8
8/22/2014	21:00:00	67.5	7.68	306	8.18	11.8
8/22/2014	21:30:00	67.5	7.67	305	8.18	11.8
8/22/2014	22:00:00	67.5	7.67	305	8.17	11.7
8/22/2014	22:30:00	67.6	7.67	306	8.19	11.7
8/22/2014	23:00:00	67.6	7.67	306	8.15	11.7
8/22/2014	23:30:00	67.7	7.67	306	8.14	11.7
8/23/2014	0:00:00	67.7	7.66	306	8.14	11.7
8/23/2014	0:30:00	67.8	7.66	305	8.14	11.7
8/23/2014	1:00:00	67.8	7.66	306	8.17	11.7
8/23/2014	1:30:00	67.8	7.66	305	8.13	11.7
8/23/2014	2:00:00	67.9	7.66	305	8.13	11.7
8/23/2014	2:30:00	67.9	7.66	305	8.13	11.7
8/23/2014	3:00:00	68	7.66	305	8.13	11.7
8/23/2014	3:30:00	68	7.66	305	8.08	11.7
8/23/2014	4:00:00	68.1	7.66	305	8.13	11.6
8/23/2014	4:30:00	68.1	7.66	305	8.12	11.6
8/23/2014	5:00:00	68.2	7.66	305	8.11	11.6
8/23/2014	5:30:00	68.2	7.66	304	8.1	11.6

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/23/2014	6:00:00	68.2	7.66	304	8.1	11.6
8/23/2014	6:30:00	68.2	7.66	304	8.12	11.6
8/23/2014	7:00:00	68.3	7.66	304	8.09	11.6
8/23/2014	7:30:00	68.3	7.66	303	8.12	11.6
8/23/2014	8:00:00	68.3	7.67	304	8.2	11.6
8/23/2014	8:30:00	68.4	7.66	303	8.02	11.6
8/23/2014	9:00:00	68.4	7.67	302	8.08	11.6
8/23/2014	9:30:00	68.5	7.68	301	8.08	11.6
8/23/2014	10:00:00	68.5	7.69	302	8.19	11.6
8/23/2014	10:30:00	68.6	7.7	302	8.28	11.5
8/23/2014	11:00:00	68.6	7.71	301	8.27	11.5
8/23/2014	11:30:00	68.7	7.71	300	8.34	11.5
8/23/2014	12:00:00	68.9	7.73	300	8.48	11.5
8/23/2014	12:30:00	68.9	7.71	300	8.35	11.5
8/23/2014	13:00:00	69	7.71	298	8.32	11.5
8/23/2014	13:30:00	68.9	7.69	296	8.3	11.5
8/23/2014	14:00:00	68.9	7.7	295	8.36	11.5
8/23/2014	14:30:00	69	7.71	294	8.36	11.5
8/23/2014	15:00:00	69.1	7.72	294	8.37	11.5
8/23/2014	15:30:00	69.2	7.71	293	8.31	11.5
8/23/2014	16:00:00	69.1	7.7	294	8.29	11.5
8/23/2014	16:30:00	69	7.7	294	8.26	11.4
8/23/2014	17:00:00	68.9	7.69	293	8.23	11.4
8/23/2014	17:30:00	68.9	7.68	294	8.19	11.4
8/23/2014	18:00:00	68.8	7.67	294	8.14	11.4
8/23/2014	18:30:00	68.7	7.65	294	8.08	11.4
8/23/2014	19:00:00	68.7	7.64	294	8.06	11.4
8/23/2014	19:30:00	68.7	7.64	294	8.08	11.4
8/23/2014	20:00:00	68.8	7.64	294	8.06	11.4
8/23/2014	20:30:00	68.8	7.63	294	8.02	11.4
8/23/2014	21:00:00	68.8	7.63	295	8.01	11.4
8/23/2014	21:30:00	68.9	7.63	295	8.02	11.4
8/23/2014	22:00:00	68.9	7.63	296	8.05	11.4
8/23/2014	22:30:00	69	7.64	296	8.02	11.4
8/23/2014	23:00:00	69.1	7.64	296	8.01	11.4
8/23/2014	23:30:00	69.1	7.64	296	8.01	11.4
8/24/2014	0:00:00	69.2	7.64	296	8.02	11.4
8/24/2014	0:30:00	69.2	7.65	296	8.03	11.4
8/24/2014	1:00:00	69.2	7.65	297	8.05	11.4
8/24/2014	1:30:00	69.2	7.65	297	8.04	11.4
8/24/2014	2:00:00	69.2	7.65	297	8.04	11.4
8/24/2014	2:30:00	69.2	7.65	297	8.05	11.4
8/24/2014	3:00:00	69.3	7.65	298	8.02	11.4
8/24/2014	3:30:00	69.3	7.65	297	8.02	11.4
8/24/2014	4:00:00	69.3	7.64	297	8	11.4
8/24/2014	4:30:00	69.3	7.64	297	7.99	11.4

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/24/2014	5:00:00	69.3	7.63	297	7.97	11.4
8/24/2014	5:30:00	69.3	7.63	297	7.98	11.4
8/24/2014	6:00:00	69.3	7.63	297	7.96	11.4
8/24/2014	6:30:00	69.3	7.63	297	7.98	11.4
8/24/2014	7:00:00	69.3	7.63	297	7.99	11.4
8/24/2014	7:30:00	69.3	7.62	297	8.03	11.4
8/24/2014	8:00:00	69.3	7.62	296	7.99	11.4
8/24/2014	8:30:00	69.3	7.62	296	8.02	11.4
8/24/2014	9:00:00	69.3	7.61	296	7.99	11.4
8/24/2014	9:30:00	69.2	7.58	295	7.52	11.4
8/24/2014	10:00:00	69.2	7.58	295	7.71	11.4
8/24/2014	10:30:00	69.3	7.6	296	7.85	11.4
8/24/2014	11:00:00	69.4	7.61	296	7.89	11.4
8/24/2014	11:30:00	69.5	7.62	296	7.9	11.4
8/24/2014	12:00:00	69.8	7.62	296	7.93	11.4
8/24/2014	12:30:00	70	7.63	296	7.92	11.4
8/24/2014	13:00:00	70.1	7.64	296	7.91	11.3
8/24/2014	13:30:00	70.5	7.7	298	8.22	11.3
8/24/2014	14:00:00	70.8	7.72	302	8.35	11.4
8/24/2014	14:30:00	70.9	7.75	303	8.09	11.3
8/24/2014	15:00:00	71	7.72	304	7.99	11.3
8/24/2014	15:30:00	71	7.7	304	7.92	11.3
8/24/2014	16:00:00	71.1	7.7	304	7.9	11.3
8/24/2014	16:30:00	70.9	7.65	300	7.81	11.3
8/24/2014	17:00:00	70.7	7.67	302	8.12	11.3
8/24/2014	17:30:00	70.5	7.63	303	8.13	11.3
8/24/2014	18:00:00	70.3	7.64	302	8.12	11.3
8/24/2014	18:30:00	70.3	7.63	304	8.12	11.3
8/24/2014	19:00:00	70.2	7.63	303	8.08	11.3
8/24/2014	19:30:00	70.2	7.62	304	8.07	11.3
8/24/2014	20:00:00	70.2	7.63	303	8.07	11.3
8/24/2014	20:30:00	70.3	7.63	303	8.06	11.3
8/24/2014	21:00:00	70.3	7.63	303	8.06	11.3
8/24/2014	21:30:00	70.4	7.63	303	8.01	11.3
8/24/2014	22:00:00	70.5	7.63	304	8.02	11.2
8/24/2014	22:30:00	70.6	7.63	303	8.03	11.2
8/24/2014	23:00:00	70.6	7.63	305	8.02	11.2
8/24/2014	23:30:00	70.6	7.62	304	8.03	11.2
8/25/2014	0:00:00	70.7	7.62	303	8.01	11.2
8/25/2014	0:30:00	70.7	7.62	305	8.02	11.2
8/25/2014	1:00:00	70.7	7.62	302	8	11.2
8/25/2014	1:30:00	70.8	7.62	305	7.99	11.2
8/25/2014	2:00:00	70.8	7.61	304	7.97	11.2
8/25/2014	2:30:00	70.8	7.61	304	8	11.2
8/25/2014	3:00:00	70.8	7.61	305	7.97	11.2
8/25/2014	3:30:00	70.8	7.61	303	8	11.2

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/25/2014	4:00:00	70.8	7.61	305	7.98	11.2
8/25/2014	4:30:00	70.8	7.61	304	7.96	11.2
8/25/2014	5:00:00	70.9	7.61	304	8.01	11.2
8/25/2014	5:30:00	70.9	7.6	304	7.95	11.2
8/25/2014	6:00:00	70.9	7.61	300	7.99	11.2
8/25/2014	6:30:00	71	7.61	302	7.97	11.2
8/25/2014	7:00:00	71	7.61	305	7.95	11.2
8/25/2014	7:30:00	71.1	7.62	304	8.01	11.2
8/25/2014	8:00:00	71.1	7.62	302	7.97	11.2
8/25/2014	8:30:00	71.1	7.63	301	8.08	11.2
8/25/2014	9:00:00	71.1	7.63	301	8.07	11.2
8/25/2014	9:30:00	71	7.63	300	8.07	11.2
8/25/2014	10:00:00	71.1	7.64	300	8.14	11.2
8/25/2014	10:30:00	71.1	7.64	301	8.21	11.2
8/25/2014	11:00:00	71.1	7.65	301	8.25	11.2
8/25/2014	11:30:00	71.3	7.66	302	8.31	11.2
8/25/2014	12:00:00	71.6	7.68	302	8.3	11.2
8/25/2014	12:30:00	71.7	7.68	305	8.26	11.2
8/25/2014	13:00:00	72	7.69	305	8.3	11.2
8/25/2014	13:30:00	72.2	7.7	305	8.24	11.2
8/25/2014	14:00:00	72.4	7.7	306	8.18	11.2
8/25/2014	14:30:00	72.4	7.71	305	8.26	11.2
8/25/2014	15:00:00	72.5	7.78	306	8.17	11.2
8/25/2014	15:30:00	72.7	7.77	306	8.17	11.2
8/25/2014	16:00:00	72.7	7.79	305	8.19	11.2
8/25/2014	16:30:00	72.9	7.8	307	8.18	11.2
8/25/2014	17:00:00	73	7.79	306	8.15	11.2
8/25/2014	17:30:00	73.1	7.77	306	8.21	11.2
8/25/2014	18:00:00	73.1	7.79	306	8.14	11.2
8/25/2014	18:30:00	73.2	7.79	305	8.11	11.2
8/25/2014	19:00:00	73.1	7.78	306	8.11	11.1
8/25/2014	19:30:00	73	7.77	305	8.08	11.1
8/25/2014	20:00:00	73	7.75	306	8.03	11.1
8/25/2014	20:30:00	72.9	7.74	306	7.99	11.1
8/25/2014	21:00:00	72.8	7.73	307	7.96	11.1
8/25/2014	21:30:00	72.7	7.73	305	7.94	11.1
8/25/2014	22:00:00	72.7	7.73	307	7.93	11.1
8/25/2014	22:30:00	72.5	7.72	306	7.95	11.1
8/25/2014	23:00:00	72.4	7.71	307	7.9	11.1
8/25/2014	23:30:00	72.3	7.7	306	7.93	11.1
8/26/2014	0:00:00	72.2	7.68	307	7.91	11.1
8/26/2014	0:30:00	72.2	7.68	308	7.92	11.1
8/26/2014	1:00:00	72.2	7.67	307	7.93	11.1
8/26/2014	1:30:00	72.3	7.67	309	7.93	11.1
8/26/2014	2:00:00	72.2	7.68	307	7.93	11.1
8/26/2014	2:30:00	72.2	7.69	308	7.94	11.1

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/26/2014	3:00:00	72.3	7.69	307	7.97	11.1
8/26/2014	3:30:00	72.3	7.69	309	7.97	11.1
8/26/2014	4:00:00	72.3	7.68	307	7.98	11.1
8/26/2014	4:30:00	72.3	7.68	310	7.97	11.1
8/26/2014	5:00:00	72.3	7.68	308	7.97	11.1
8/26/2014	5:30:00	72.3	7.69	310	7.99	11.1
8/26/2014	6:00:00	72.3	7.69	309	7.97	11.1
8/26/2014	6:30:00	72.2	7.68	308	8	11.1
8/26/2014	7:00:00	72.1	7.69	308	8.05	11.1
8/26/2014	7:30:00	72.1	7.69	308	8.08	11.1
8/26/2014	8:00:00	72.1	7.7	308	8.1	11.1
8/26/2014	8:30:00	72.3	7.72	308	8.22	11.1
8/26/2014	9:00:00	72.3	7.72	309	8.23	11.1
8/26/2014	9:30:00	72.5	7.74	312	8.33	11.1
8/26/2014	10:00:00	72.6	7.74	313	8.27	11.1
8/26/2014	10:30:00	72.8	7.76	313	8.39	11.1
8/26/2014	11:00:00	72.9	7.78	311	8.41	11.1
8/26/2014	11:30:00	73.1	7.79	314	8.51	11.1
8/26/2014	12:00:00	73.5	7.81	315	8.54	11.1
8/26/2014	12:30:00	73.6	7.83	310	8.54	11.1
8/26/2014	13:00:00	73.7	7.82	312	8.48	11.1
8/26/2014	13:30:00	73.8	7.83	310	8.44	11.1
8/26/2014	14:00:00	74.1	7.84	311	8.46	11.1
8/26/2014	14:30:00	74.2	7.84	313	8.48	11.1
8/26/2014	15:00:00	74.1	7.84	310	8.49	11.1
8/26/2014	15:30:00	73.9	7.81	312	8.33	11.1
8/26/2014	16:00:00	73.9	7.79	312	8.29	11.1
8/26/2014	16:30:00	73.8	7.78	313	8.25	11.1
8/26/2014	17:00:00	73.7	7.77	311	8.24	11.1
8/26/2014	17:30:00	73.7	7.76	311	8.25	11.1
8/26/2014	18:00:00	73.7	7.76	311	8.23	11.1
8/26/2014	18:30:00	73.6	7.76	312	8.23	11.1
8/26/2014	19:00:00	73.6	7.74	314	8.2	11.1
8/26/2014	19:30:00	73.5	7.73	313	8.15	11.1
8/26/2014	20:00:00	73.4	7.72	314	8.13	11.1
8/26/2014	20:30:00	73.2	7.71	313	8.13	11.1
8/26/2014	21:00:00	73.1	7.7	313	8.09	11.1
8/26/2014	21:30:00	73	7.69	316	8.11	11.1
8/26/2014	22:00:00	72.9	7.68	314	8.11	11.1
8/26/2014	22:30:00	72.8	7.67	316	8.07	11.1
8/26/2014	23:00:00	72.7	7.67	314	8.07	11.1
8/26/2014	23:30:00	72.7	7.67	316	8.08	11.1
8/27/2014	0:00:00	72.7	7.67	316	8.07	11.1
8/27/2014	0:30:00	72.6	7.67	315	8.1	11.1
8/27/2014	1:00:00	72.6	7.67	316	8.08	11.1
8/27/2014	1:30:00	72.6	7.66	314	8.09	11.1

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/27/2014	2:00:00	72.6	7.66	316	8.09	11.1
8/27/2014	2:30:00	72.7	7.64	325	8.02	11.1
8/27/2014	3:00:00	72.6	7.65	320	8.03	11.1
8/27/2014	3:30:00	72.5	7.65	318	8.03	11.1
8/27/2014	4:00:00	72.4	7.66	318	8.05	11.1
8/27/2014	4:30:00	72.4	7.66	318	8.08	11.1
8/27/2014	5:00:00	72.4	7.66	318	8.13	11.1
8/27/2014	5:30:00	72.3	7.66	318	8.14	11.1
8/27/2014	6:00:00	72.3	7.65	317	8.11	11.1
8/27/2014	6:30:00	72.2	7.65	318	8.11	11.1
8/27/2014	7:00:00	72.2	7.65	318	8.12	11.1
8/27/2014	7:30:00	72.2	7.65	319	8.14	11.1
8/27/2014	8:00:00	72.2	7.66	318	8.22	11.1
8/27/2014	8:30:00	72.3	7.68	318	8.34	11.1
8/27/2014	9:00:00	72.4	7.69	318	8.41	11.1
8/27/2014	9:30:00	72.5	7.7	316	8.44	11.1
8/27/2014	10:00:00	72.8	7.71	318	8.44	11.1
8/27/2014	10:30:00	72.9	7.72	318	8.45	11.1
8/27/2014	11:00:00	73.1	7.72	319	8.45	11.1
8/27/2014	11:30:00	73.1	7.72	319	8.41	11.1
8/27/2014	12:00:00	73.1	7.72	318	8.46	11.1
8/27/2014	12:30:00	73	7.72	317	8.41	11.1
8/27/2014	13:00:00	73	7.7	319	8.31	11.1
8/27/2014	13:30:00	72.9	7.7	314	8.3	11.1
8/27/2014	14:00:00	72.9	7.71	313	8.32	11.1
8/27/2014	14:30:00	73.2	7.72	317	8.33	11.1
8/27/2014	15:00:00	73.3	7.72	318	8.25	11.1
8/27/2014	15:30:00	73.2	7.72	317	8.26	11.1
8/27/2014	16:00:00	73.2	7.7	319	8.1	11.1
8/27/2014	16:30:00	73.3	7.7	318	8.21	11.1
8/27/2014	17:00:00	73.3	7.7	317	8.19	11.1
8/27/2014	17:30:00	73.3	7.7	319	8.15	11.1
8/27/2014	18:00:00	73.3	7.7	318	8.18	11.1
8/27/2014	18:30:00	73.3	7.7	318	8.12	11.1
8/27/2014	19:00:00	73.3	7.69	319	8.14	11.1
8/27/2014	19:30:00	73.1	7.68	318	8.09	11.1
8/27/2014	20:00:00	73	7.67	317	8.08	11.1
8/27/2014	20:30:00	72.8	7.66	316	8.11	11.1
8/27/2014	21:00:00	72.8	7.66	318	8.08	11.1
8/27/2014	21:30:00	72.5	7.64	317	8.07	11.1
8/27/2014	22:00:00	72.4	7.63	316	8.06	11.1
8/27/2014	22:30:00	72.3	7.62	317	8.07	11.1
8/27/2014	23:00:00	72.2	7.62	317	8.09	11.1
8/27/2014	23:30:00	72.2	7.62	318	8.09	11.1
8/28/2014	0:00:00	72.1	7.62	316	8.11	11.1
8/28/2014	0:30:00	72.1	7.62	317	8.13	11.1

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/28/2014	1:00:00	72	7.61	317	8.12	11.1
8/28/2014	1:30:00	71.9	7.61	317	8.11	11.1
8/28/2014	2:00:00	71.8	7.6	318	8.09	11
8/28/2014	2:30:00	71.8	7.6	316	8.07	11
8/28/2014	3:00:00	71.8	7.6	316	8.1	11
8/28/2014	3:30:00	71.8	7.61	316	8.08	11
8/28/2014	4:00:00	71.8	7.6	316	8.17	11.1
8/28/2014	4:30:00	71.7	7.61	315	8.16	11
8/28/2014	5:00:00	71.6	7.6	315	8.21	11
8/28/2014	5:30:00	71.6	7.6	315	8.18	11
8/28/2014	6:00:00	71.5	7.58	314	8.18	11
8/28/2014	6:30:00	71.5	7.57	315	8.21	11
8/28/2014	7:00:00	71.5	7.57	313	8.2	11
8/28/2014	7:30:00	71.4	7.56	310	8.23	11
8/28/2014	8:00:00	71.5	7.56	314	8.21	11
8/28/2014	8:30:00	71.4	7.56	312	8.28	11
8/28/2014	9:00:00	71.5	7.56	314	8.22	11
8/28/2014	9:30:00	71.6	7.58	316	8.37	11
8/28/2014	10:00:00	71.5	7.58	314	8.38	11
8/28/2014	10:30:00	71.7	7.6	315	8.52	11
8/28/2014	11:00:00	71.8	7.6	317	8.51	11
8/28/2014	11:30:00	72	7.62	315	8.57	11
8/28/2014	12:00:00	71.8	7.6	315	8.42	11
8/28/2014	12:30:00	71.7	7.59	314	8.4	11
8/28/2014	13:00:00	71.4	7.57	313	8.28	11
8/28/2014	13:30:00	71.2	7.57	312	8.36	11
8/28/2014	14:00:00	71.2	7.57	311	7.71	11
8/28/2014	14:30:00	71.2	7.56	311	7.73	11
8/28/2014	15:00:00	71.1	7.76	311	7.76	10.8
8/28/2014	15:30:00	71	7.89	311	7.59	10.8
8/28/2014	16:00:00	71	7.86	313	7.57	10.9
8/28/2014	16:30:00	70.9	7.85	313	7.58	10.9
8/28/2014	17:00:00	70.8	7.84	311	7.59	10.9
8/28/2014	17:30:00	70.7	7.87	315	7.74	10.9
8/28/2014	18:00:00	70.6	7.85	310	7.68	10.9
8/28/2014	18:30:00	70.4	7.86	314	7.74	10.9
8/28/2014	19:00:00	70.4	7.86	315	7.71	10.9
8/28/2014	19:30:00	70.3	7.84	314	7.68	10.9
8/28/2014	20:00:00	70.3	7.84	314	7.65	10.9
8/28/2014	20:30:00	70.2	7.83	314	7.65	10.9
8/28/2014	21:00:00	70.1	7.83	313	7.66	10.9
8/28/2014	21:30:00	70.1	7.82	315	7.63	10.9
8/28/2014	22:00:00	70	7.83	313	7.68	10.9
8/28/2014	22:30:00	69.9	7.83	312	7.71	10.9
8/28/2014	23:00:00	69.9	7.83	313	7.78	10.9
8/28/2014	23:30:00	69.8	7.83	312	7.76	10.9

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/29/2014	0:00:00	69.8	7.83	312	7.78	10.9
8/29/2014	0:30:00	69.8	7.83	312	7.77	10.9
8/29/2014	1:00:00	69.7	7.83	312	7.77	10.9
8/29/2014	1:30:00	69.7	7.82	312	7.76	10.9
8/29/2014	2:00:00	69.7	7.83	312	7.78	10.9
8/29/2014	2:30:00	69.7	7.82	312	7.76	10.9
8/29/2014	3:00:00	69.6	7.82	311	7.76	10.9
8/29/2014	3:30:00	69.5	7.82	312	7.8	10.9
8/29/2014	4:00:00	69.6	7.83	312	7.82	10.9
8/29/2014	4:30:00	69.8	7.78	307	7.67	10.9
8/29/2014	5:00:00	69.9	7.79	306	7.75	10.9
8/29/2014	5:30:00	69.9	7.79	308	7.79	10.9
8/29/2014	6:00:00	69.8	7.8	307	7.76	10.9
8/29/2014	6:30:00	69.9	7.8	308	7.78	10.9
8/29/2014	7:00:00	69.9	7.8	308	7.76	10.9
8/29/2014	7:30:00	69.8	7.79	308	7.75	10.9
8/29/2014	8:00:00	69.8	7.79	308	7.75	10.9
8/29/2014	8:30:00	69.8	7.8	311	7.83	10.8
8/29/2014	9:00:00	69.8	7.8	313	7.83	10.9
8/29/2014	9:30:00	69.8	7.8	313	7.81	10.9
8/29/2014	10:00:00	69.8	7.8	313	7.82	10.9
8/29/2014	10:30:00	69.9	7.81	313	7.91	10.9
8/29/2014	11:00:00	70	7.81	314	7.86	10.9
8/29/2014	11:30:00	70	7.82	313	7.89	10.8
8/29/2014	12:00:00	70.1	7.82	315	7.94	10.9
8/29/2014	12:30:00	70	7.81	313	7.86	10.8
8/29/2014	13:00:00	70	7.82	312	7.93	10.9
8/29/2014	13:30:00	70.1	7.82	313	7.94	10.8
8/29/2014	14:00:00	70.2	7.83	313	7.95	10.8
8/29/2014	14:30:00	70.3	7.83	313	7.98	10.8
8/29/2014	15:00:00	70.5	7.84	314	7.99	10.9
8/29/2014	15:30:00	70.6	7.84	315	7.93	10.8
8/29/2014	16:00:00	70.7	7.83	315	8.01	10.8
8/29/2014	16:30:00	70.7	7.84	314	7.96	10.8
8/29/2014	17:00:00	70.7	7.84	314	7.93	10.8
8/29/2014	17:30:00	70.6	7.83	314	7.9	10.8
8/29/2014	18:00:00	70.5	7.83	315	7.91	10.8
8/29/2014	18:30:00	70.3	7.82	314	7.9	10.8
8/29/2014	19:00:00	70.1	7.81	314	7.84	10.8
8/29/2014	19:30:00	69.8	7.79	314	7.85	10.8
8/29/2014	20:00:00	69.7	7.76	316	7.79	10.8
8/29/2014	20:30:00	69.4	7.75	315	7.77	10.8
8/29/2014	21:00:00	69.3	7.74	315	7.77	10.8
8/29/2014	21:30:00	69.2	7.74	315	7.79	10.8
8/29/2014	22:00:00	69.1	7.74	316	7.82	10.8
8/29/2014	22:30:00	69.1	7.74	316	7.85	10.8

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/29/2014	23:00:00	69	7.74	314	7.84	10.8
8/29/2014	23:30:00	69	7.74	315	7.84	10.8
8/30/2014	0:00:00	69.1	7.74	315	7.87	10.8
8/30/2014	0:30:00	69.2	7.76	316	7.86	10.8
8/30/2014	1:00:00	69.3	7.77	315	7.86	10.8
8/30/2014	1:30:00	69.3	7.78	314	7.92	10.8
8/30/2014	2:00:00	69.4	7.79	315	7.92	10.8
8/30/2014	2:30:00	69.6	7.79	314	7.9	10.8
8/30/2014	3:00:00	69.6	7.8	310	7.91	10.8
8/30/2014	3:30:00	69.8	7.81	313	7.92	10.8
8/30/2014	4:00:00	69.7	7.8	315	7.89	10.8
8/30/2014	4:30:00	69.6	7.79	312	7.88	10.8
8/30/2014	5:00:00	69.5	7.79	310	7.91	10.8
8/30/2014	5:30:00	69.5	7.79	310	7.9	10.8
8/30/2014	6:00:00	69.5	7.79	313	7.91	10.8
8/30/2014	6:30:00	69.4	7.78	314	7.88	10.8
8/30/2014	7:00:00	69.3	7.78	313	7.89	10.8
8/30/2014	7:30:00	69.2	7.77	312	7.87	10.8
8/30/2014	8:00:00	69	7.74	310	7.63	10.8
8/30/2014	8:30:00	68.9	7.75	311	7.88	10.8
8/30/2014	9:00:00	69.1	7.77	312	7.97	10.8
8/30/2014	9:30:00	69.1	7.77	312	7.75	10.8
8/30/2014	10:00:00	69.1	7.78	312	7.84	10.8
8/30/2014	10:30:00	69.1	7.77	312	7.93	10.8
8/30/2014	11:00:00	69.2	7.78	313	7.98	10.8
8/30/2014	11:30:00	69.2	7.78	313	7.87	10.8
8/30/2014	12:00:00	69.2	7.77	313	7.54	10.8
8/30/2014	12:30:00	69.4	7.8	313	7.77	10.8
8/30/2014	13:00:00	69.8	7.83	312	7.82	10.8
8/30/2014	13:30:00	70.1	7.83	313	7.81	10.8
8/30/2014	14:00:00	70.3	7.85	313	7.85	10.8
8/30/2014	14:30:00	70.5	7.86	313	7.89	10.8
8/30/2014	15:00:00	70.4	7.86	312	7.83	10.8
8/30/2014	15:30:00	70.5	7.87	312	7.9	10.8
8/30/2014	16:00:00	70.6	7.87	312	7.89	10.8
8/30/2014	16:30:00	70.5	7.87	312	7.85	10.8
8/30/2014	17:00:00	70.5	7.86	312	7.85	10.8
8/30/2014	17:30:00	70.6	7.87	312	7.88	10.8
8/30/2014	18:00:00	70.6	7.87	312	7.86	10.8
8/30/2014	18:30:00	70.6	7.87	313	7.91	10.8
8/30/2014	19:00:00	70.5	7.86	313	7.82	10.8
8/30/2014	19:30:00	70.4	7.86	313	7.81	10.8
8/30/2014	20:00:00	70.3	7.85	312	7.83	10.8
8/30/2014	20:30:00	70.2	7.84	312	7.77	10.8
8/30/2014	21:00:00	70.1	7.83	313	7.76	10.8
8/30/2014	21:30:00	70	7.82	313	7.76	10.8

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/30/2014	22:00:00	69.9	7.81	313	7.75	10.8
8/30/2014	22:30:00	69.9	7.81	313	7.73	10.8
8/30/2014	23:00:00	69.9	7.81	314	7.73	10.8
8/30/2014	23:30:00	69.8	7.81	313	7.77	10.8
8/31/2014	0:00:00	69.7	7.8	313	7.75	10.8
8/31/2014	0:30:00	69.6	7.79	314	7.74	10.8
8/31/2014	1:00:00	69.5	7.79	314	7.74	10.8
8/31/2014	1:30:00	69.4	7.78	314	7.72	10.8
8/31/2014	2:00:00	69.4	7.78	315	7.7	10.8
8/31/2014	2:30:00	69.3	7.78	314	7.73	10.8
8/31/2014	3:00:00	69.3	7.77	315	7.73	10.8
8/31/2014	3:30:00	69.2	7.77	314	7.71	10.8
8/31/2014	4:00:00	69.2	7.76	314	7.75	10.8
8/31/2014	4:30:00	69.1	7.76	310	7.74	10.8
8/31/2014	5:00:00	69.1	7.76	316	7.72	10.8
8/31/2014	5:30:00	69.1	7.76	315	7.74	10.8
8/31/2014	6:00:00	69.1	7.76	314	7.77	10.7
8/31/2014	6:30:00	69.1	7.76	315	7.72	10.8
8/31/2014	7:00:00	69	7.75	314	7.74	10.7
8/31/2014	7:30:00	69	7.75	314	7.75	10.7
8/31/2014	8:00:00	69	7.74	315	7.76	10.7
8/31/2014	8:30:00	68.9	7.76	313	7.89	10.7
8/31/2014	9:00:00	68.9	7.81	316	8.21	10.7
8/31/2014	9:30:00	68.9	7.8	316	8.12	10.7
8/31/2014	10:00:00	68.9	7.8	316	8.23	10.7
8/31/2014	10:30:00	69	7.82	316	8.3	10.7
8/31/2014	11:00:00	69.2	7.83	316	8.35	10.7
8/31/2014	11:30:00	69.3	7.85	317	8.36	10.7
8/31/2014	12:00:00	69.2	7.76	312	7.85	10.7
8/31/2014	12:30:00	69.3	7.77	312	7.91	10.7
8/31/2014	13:00:00	69.3	7.77	312	7.88	10.7
8/31/2014	13:30:00	69.3	7.77	312	7.9	10.7
8/31/2014	14:00:00	69.4	7.76	316	7.8	10.7
8/31/2014	14:30:00	69.2	7.75	316	7.73	10.7
8/31/2014	15:00:00	69.1	7.74	316	7.77	10.7
8/31/2014	15:30:00	69.2	7.73	316	7.72	10.7
8/31/2014	16:00:00	69.2	7.73	316	7.76	10.7
8/31/2014	16:30:00	69.1	7.73	316	7.74	10.7
8/31/2014	17:00:00	69.1	7.72	316	7.73	10.7
8/31/2014	17:30:00	69	7.71	316	7.7	10.7
8/31/2014	18:00:00	68.9	7.71	317	7.66	10.7
8/31/2014	18:30:00	68.8	7.7	318	7.66	10.7
8/31/2014	19:00:00	68.7	7.68	316	7.6	10.7
8/31/2014	19:30:00	68.6	7.67	316	7.57	10.7
8/31/2014	20:00:00	68.5	7.67	316	7.56	10.7
8/31/2014	20:30:00	68.5	7.66	317	7.53	10.7

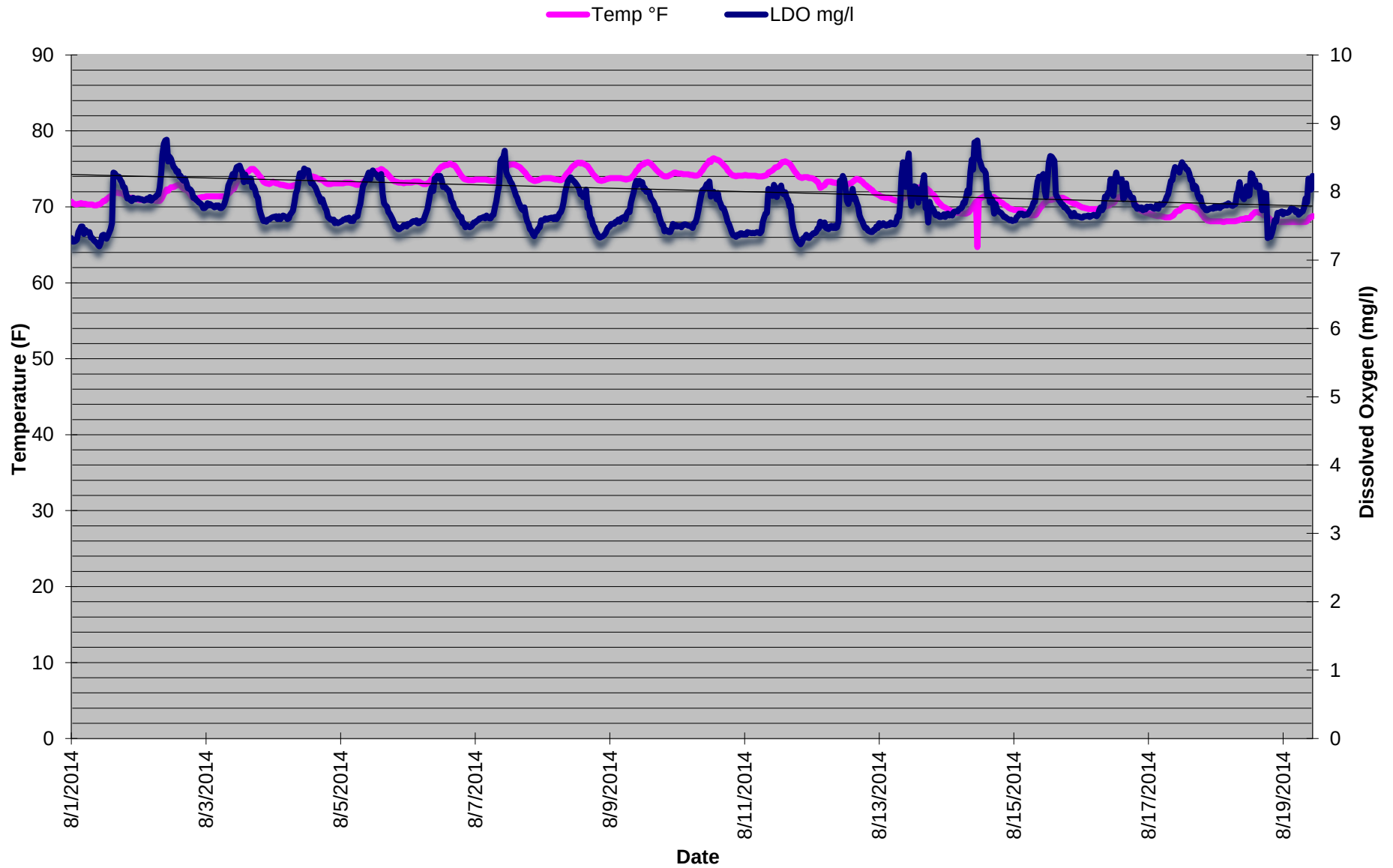
Water Quality Monitoring Data August 19-30, 2014
Oconto Falls Lower P-2689
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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
8/31/2014	21:00:00	68.5	7.65	318	7.5	10.7
8/31/2014	21:30:00	68.4	7.65	316	7.46	10.7
8/31/2014	22:00:00	68.4	7.64	316	7.46	10.7
8/31/2014	22:30:00	68.4	7.64	316	7.46	10.7
8/31/2014	23:00:00	68.5	7.64	317	7.48	10.7
8/31/2014	23:30:00	68.5	7.64	316	7.48	10.6
Average		70.06	7.73	311.74	8.03	10.64
High		74.2	7.94	325	9.01	12.20
Low		67.5	7.56	293.00	7.46	7.40
		Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts

Water Quality Monitoring Data
Month of August 2014

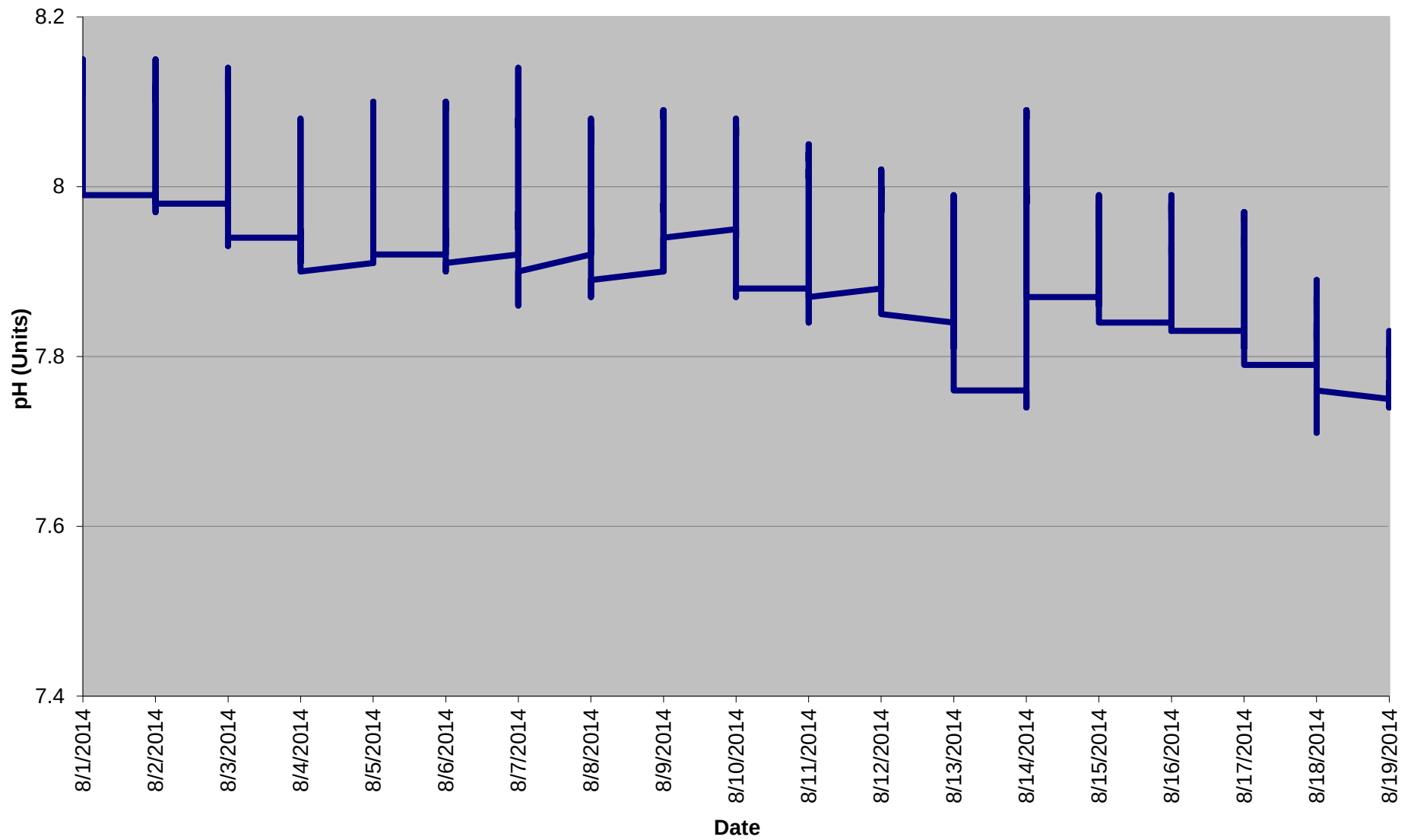
APPENDIX D
TAILWATER SAMPLING GRAPH

Oconto Falls Lower FERC #2689
Tailwater
August 1 - 19, 2014
Temperature and Dissolved Oxygen

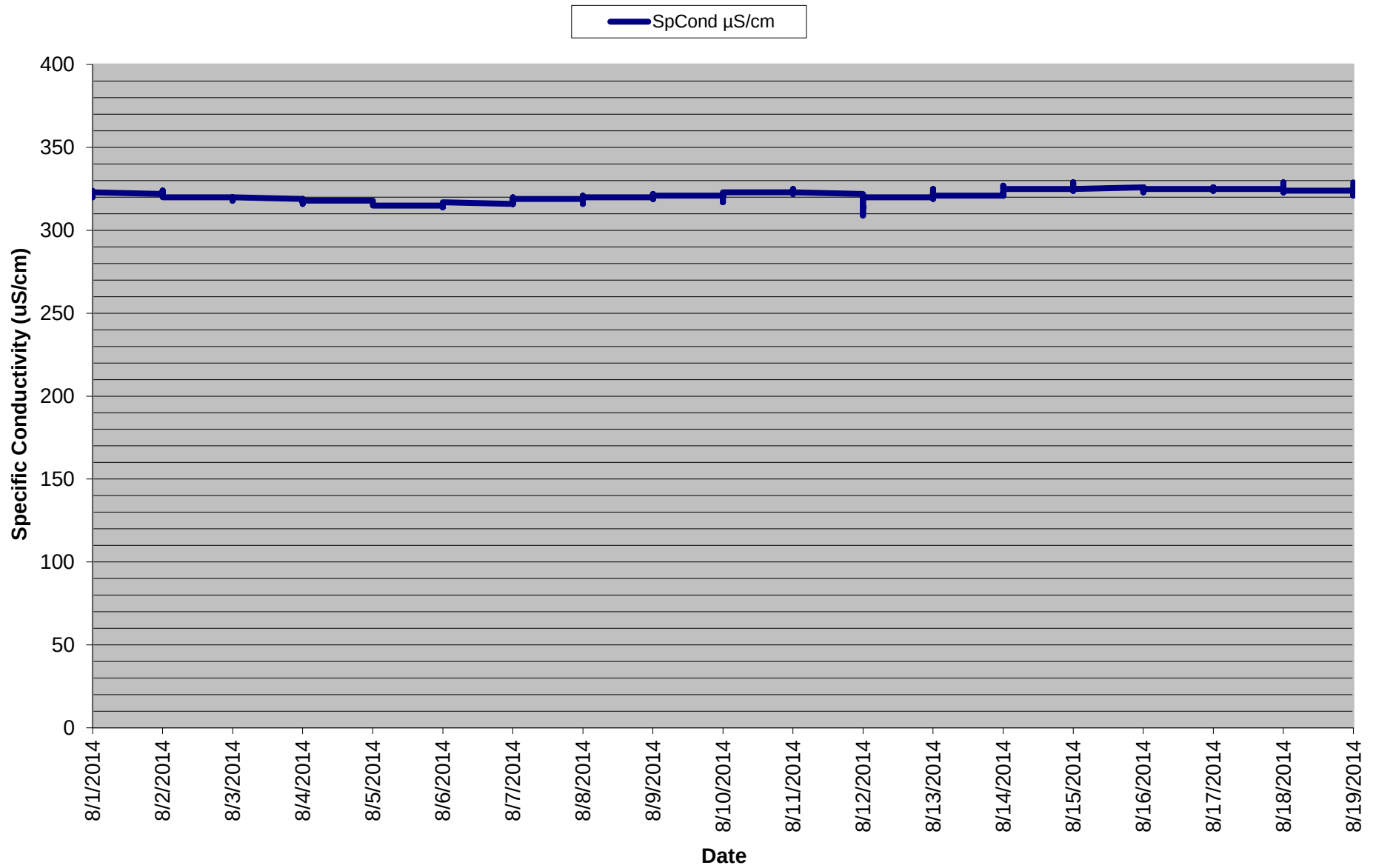


Oconto Falls Lower FERC #2689
Tailwater
August 1 - 19, 2014
pH

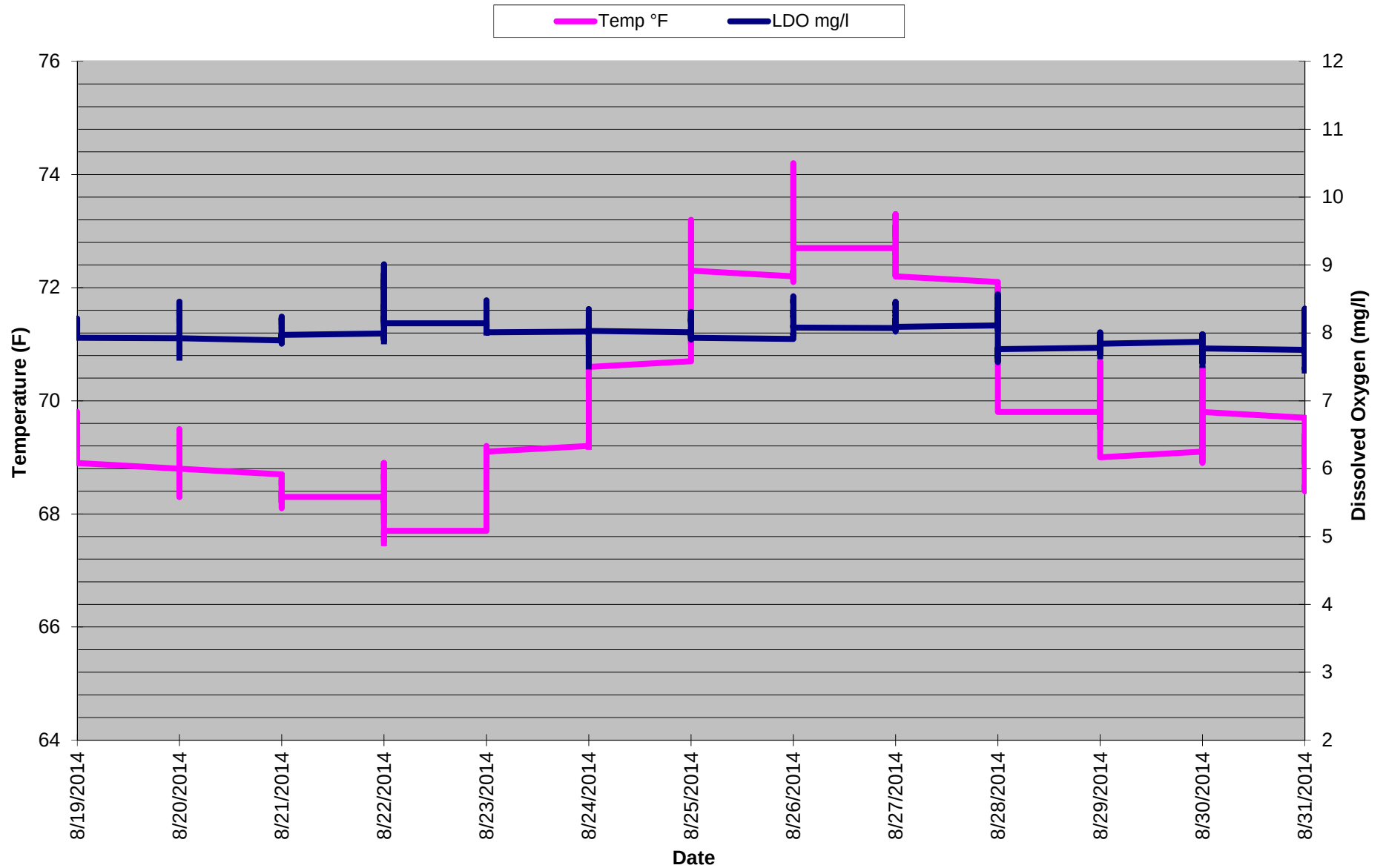
pH (Units)



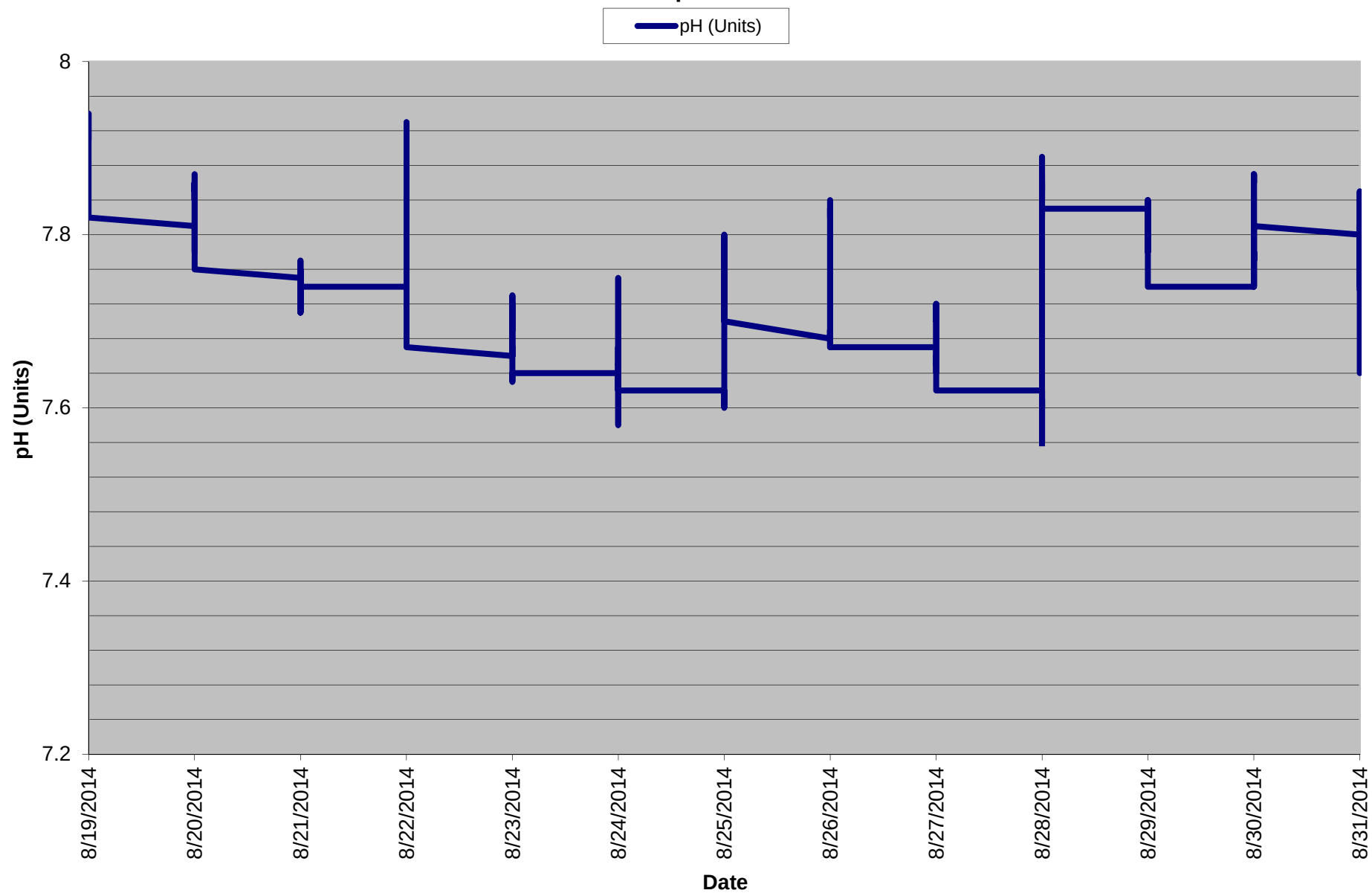
Oconto Falls Lower FERC #2689
Tailwater
August 1 - 19, 2014
Specific Conductivity



Oconto Falls Lower FERC #2689
Tailwater
Aug 19 - 31, 2014
Temperature and Dissolved Oxygen



Oconto Falls Lower FERC #2689
Tailwater
AUG 19 - 31, 2014
pH



Oconto Falls Lower FERC #2689
Tailwater
AUG 19 - 31, 2014
Specific Conductivity

