



August 11, 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 July 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 July 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 (*Impoundment Sampling data not available from July 01 thru the 10th, due to equipment deficiency*).

Monitoring commence on July 01, 2014, and will continue through September 30, 2014. Monthly submissions of data will be sent to the agencies. A final report and data will be sent to the agencies and FERC following the completion of the 2014 monitoring season as spelled out in the approved Water Quality Monitoring Plan for each project.

Eagle Creek Renewable Energy
Midwest Operations
116 N. State Street, PO Box 167, Neshkoro, WI 54960-0167 USA
www.eaglecreekre.com



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

Sincerely,
Eagle Creek Renewable Energy
Agent for Licensee

Scott Klabunde
Senior VP of Operations

SK/jcm

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

cc: ECRE-LC Files
(14-08-11_LC_OFLW_OFUP_14Jul WQM Data submit to Agencies)

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

TABLE OF CONTENTS

- 1: Oconto Falls Sampling Locations Map
- 2: Tailwater Equipment Calibration Record
- 3: Compliance/Energy Record

ⁱAppendices:

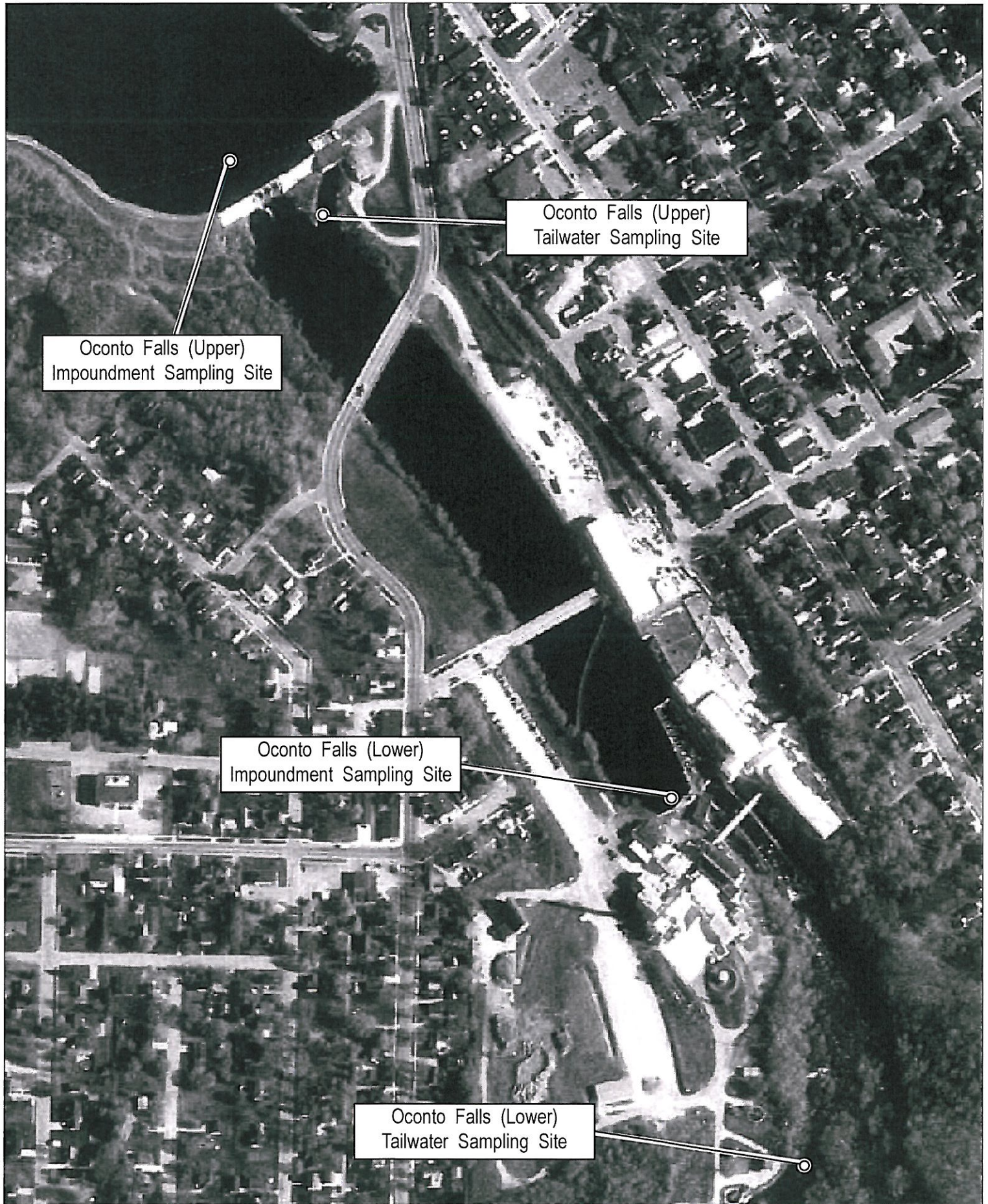
- A: Reservoir Sampling Data
- B: Reservoir Sampling Graphs
- C: Tailwater Sampling Data
- D: Tailwater Sampling Graphs

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

**SAMPLING LOCATION MAP
OCONTO FALLS**

OCONTO FALLS WATER QUALITY MONITORING

Sampling Locations



Water Quality Monitoring Data
Month of July 2014

**TAILWATER EQUIPMENT
CALIBRATION RECORD**

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 07/01/2014

Time: 15:00

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

Dissolved Oxygen

Post Field D O Reading: 7.84

Temperature: 76.4

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.10

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1412

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 76.8 Reading: 7.00

Standard 2: 10.00

Temp: 76.6 Reading: 7.95

Calibration:

Standard 1: 7.00

Temp: 76.8 Set To: 7.00

Standard 1: 10.00

Temp: 76.6 Set To: 10.00

Joe L. Pat

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 07/08/2014

Time: 15:30

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

Dissolved Oxygen

Post Field D O Reading: 8.31

Temperature: 72.4

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.45

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1409

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 72.9 Reading: 7.07

Standard 2: 10.00

Temp: 72.9 Reading: 9.93

Calibration:

Standard 1: 7.00

Temp: 72.9 Set To: 7.00

Standard 1: 10.00

Temp: 72.9 Set To: 10.00

Je Z. B. Z.

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 07/15/2014

Time: 14:30

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

Dissolved Oxygen

Post Field D O Reading: 8.80

Temperature: 68.8

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.75

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1411

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 68.8 Reading: 7.01

Standard 2: 10.00

Temp: 68.8 Reading: 10.03

Calibration:

Standard 1: 7.00

Temp: 68.8 Set To: 7.00

Standard 1: 10.00

Temp: 68.8 Set To: 10.00

Joe J. R. R.

Monitoring Equipment

Generic Calibration/Post Field Cal Check Form

Date: 7/22/2014

Time: 15:00

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

Dissolved Oxygen

Post Field D O Reading: 7.78

Temperature: 80.5

Barometric Pressure: 742

Dissolved Oxygen Set To: 7.77

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1413

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 81.2 Reading: 6.98

Standard 2: 10.00

Temp: 81.4 Reading: 9.96

Calibration:

Standard 1: 7.00

Temp: 81.2 Set To: 7.00

Standard 1: 10.00

Temp: 81.4 Set To: 10.00

Joe Z. Probst

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 07/29/2014

Time: 15:00

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

Dissolved Oxygen

Post Field D O Reading: 8.44

Temperature: 72.8

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.40

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1413

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 72.8 Reading: 7.03

Standard 2: 10.00

Temp: 72.8 Reading: 10.00

Calibration:

Standard 1: 7.00

Temp: 72.8 Set To: 7.00

Standard 1: 10.00

Temp: 72.8 Set To: 10.00



Water Quality Monitoring Data
Month of July 2014

COMPLIANCE/ENERGY RECORD

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

[illegible]

Water Quality Monitoring Data
Month of July 2014

APPENDIX A
RESERVOIR SAMPLING DATA

RESERVOIR SAMPLING LOG

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

Date: 07-10-2014

Pre-Sampling Data:

Time: 11:03 Barometer: 742 Air Temp: 58°F 25.55 °C Wind Speed: 5 mph

Sky Conditions: Partly cloudy

Precipitation within Last 24 Hours: 0

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

Where The Batterys Changed? ☒ Yes ☐ No If Yes, Time Changed: 07-10-2014 14:00

Battery Status: Y2 Charge

Calibration Time: 7/10/2014 Method: Factory

Sampling Depth Profile:

Location #: OFLW Measured Depth to Bottom: 3.6M

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature °C
100 mm below surface	11:03:38	7.42	22.1°C
1 meter	11:04:15	7.34	21.9°C
2 meter	11:04:56	7.25	21.9°C
3 meter	11:05:25	7.15	21.9°C
100 mm above bottom	11:05:55	7.11	21.8°C

Hach Hydrolab MS5 D.O. Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface			

Comments: _____

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: 07-18-2014

Pre-Sampling Data:

Time: 11:15 Barometer: 742 Air Temp: (73°F) 22.77 °C Wind Speed: SSW 10 mph

Sky Conditions: PRT Cloudy

Precipitation within Last 24 Hours: 0

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

Where The Batterys Changed? ☐ Yes ☐ No If Yes, Time Changed: 07-10-2014 14:00

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	11:18	8.26	20.9
1 meter	11:19	8.02	20.6
2 meter	11:19	8.07	20.6
3 meter	11:19	7.85	20.5
100 mm above bottom	11:20	7.57	20.2

Hach Hydrolab MS5 D.O. Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface			

Comments: _____

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

Performed By: _____

RESERVOIR SAMPLING LOG

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

Date: 07-25-2014

Pre-Sampling Data:

Time: 11:35 Barometer: 742 Air Temp: 20.5 °C Wind Speed: 6 mph SW
Sky Conditions: overcast (Overcast)

Precipitation within Last 24 Hours: 0

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

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

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>11:35</u> 11:35	<u>6.94</u> 6.94	<u>23.5 °C</u> 23.5
1 meter	<u>11:40</u> 11:40	<u>6.84</u> 6.84	<u>23.5 °C</u> 23.5
2 meter	<u>11:45</u> 11:45	<u>6.78</u> 6.78	<u>23.5 °C</u> 23.5
3 meter	<u>11:48</u> 11:48	<u>6.77</u> 6.77	<u>23.5 °C</u> 23.5
100 mm above bottom	<u>11:50</u> 11:50	<u>6.66</u> 6.66	<u>23.5 °C</u> 23.5

Hach Hydrolab MS5 D.O. Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface			

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: 08-01-2014

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: ①

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

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	11:28	7.65	22.0 °C
1 meter	11:29	7.48	21.9 °C
2 meter	11:30	7.48	21.8 °C
3 meter	11:30	7.41	21.8 °C
100 mm above bottom	11:31	7.39	21.7 °C

Hach HQ40d Second Unit 1

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

Comments: _____

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

Performed By: Joe LeBroek John Funderburg

Jane Manibusan

From: Joe LeBreck
Sent: Monday, August 04, 2014 10:10 AM
To: Jane Manibusan
Subject: RE: Water Testing Data for July

Hi Jane

We did not do reservoir testing the first week because we did not have the proper cord for the unit. So as we got the unit with the longer cord from Dwight we started doing the testing.

Thanks

joe

From: Jane Manibusan
Sent: Monday, August 04, 2014 10:05 AM
To: Joe LeBreck
Subject: RE: Water Testing Data for July

Thanks Joe

I have one questions- did you do any sampling form for the end of June or first of July?

From: Joe LeBreck
Sent: Monday, August 04, 2014 9:58 AM
To: Jane Manibusan
Subject: Water Testing Data for July

Hi Jane

Here is all the Water Testing Data for July. If there is anything else I need to send you please let me know.

Thanks

joe

Water Quality Monitoring Reservoir Sampling Data
 July 01-Aug 01, 2014
 Oconto Falls Lower P-2523

Date	Time	Depth	LDO mg/l	Temp ° F
7/1/2014	12:00	100 mm Below Surface	0	0.00
7/1/2014	12:00	1 Meter	0	0.00
7/1/2014	12:00	2 Meter	0	0.00
7/1/2014	12:00	3 Meter	0	0.00
7/1/2014	12:00	4 Meter	0	0.00
7/1/2014	12:00	5 Meter	0	0.00
7/1/2014	12:00	6Meter	0	0.00
7/1/2014	12:00	7 Meter	0	0.00
7/1/2014	12:00	100 mm Above Bottom	0.00	0.00
7/11/2014	14:25	100 mm Below Surface	9.60	23.10
7/11/2014	14:25	1 Meter	9.16	22.90
7/11/2014	14:27	2 Meter	8.65	22.50
7/11/2014	14:28	3 Meter	7.18	22.00
7/11/2014	14:28	4 Meter	7.16	21.50
7/11/2014	14:29	5 Meter	7.13	21.30
7/11/2014	14:29	6 Meter	6.34	21.00
7/11/2014	14:30	7 Meter	4.92	20.70
7/11/2014	14:22	100 mm Above Bottom	2.41	20.50
7/18/2014	12:02	100 mm Below Surface	10.56	22.30
7/18/2014	12:03	1 Meter	9.44	20.40
7/18/2014	12:04	2 Meter	8.31	20.20
7/18/2014	12:04	3 Meter	8.04	19.90
7/18/2014	12:05	4 Meter	7.81	19.70
7/18/2014	12:05	5 Meter	7.51	19.50
7/18/2014	12:06	6 Meter	7.40	19.20
7/18/2014	12:06	7 Meter	6.66	19.00
7/18/2014	12:08	100 mm Above Bottom	6.01	18.90
7/25/2014	12:00	100 mm Below Surface	8.62	24.00
7/25/2014	12:00	1 Meter	8.62	24.00
7/25/2014	12:00	2 Meter	7.86	24.00
7/25/2014	12:00	3 Meter	6.42	23.50
7/25/2014	12:01	4 Meter	5.90	23.10
7/25/2014	12:01	5 Meter	5.81	23.00
7/25/2014	12:02	6 Meter	4.16	22.10
7/25/2014	12:02	7 Meter	0.04	19.60
7/25/2014	12:04	100 mm Above Bottom	0.04	19.00
8/1/2014	12:28	100 mm Below Surface	8.72	24.50
8/1/2014	12:29	1 Meter	8.50	23.90
8/1/2014	12:29	2 Meter	7.86	22.20
8/1/2014	12:30	3 Meter	7.47	21.70
8/1/2014	12:30	4 Meter	7.13	21.40
8/1/2014	12:31	5 Meter	6.52	20.90
8/1/2014	12:31	6 Meter	5.71	20.50

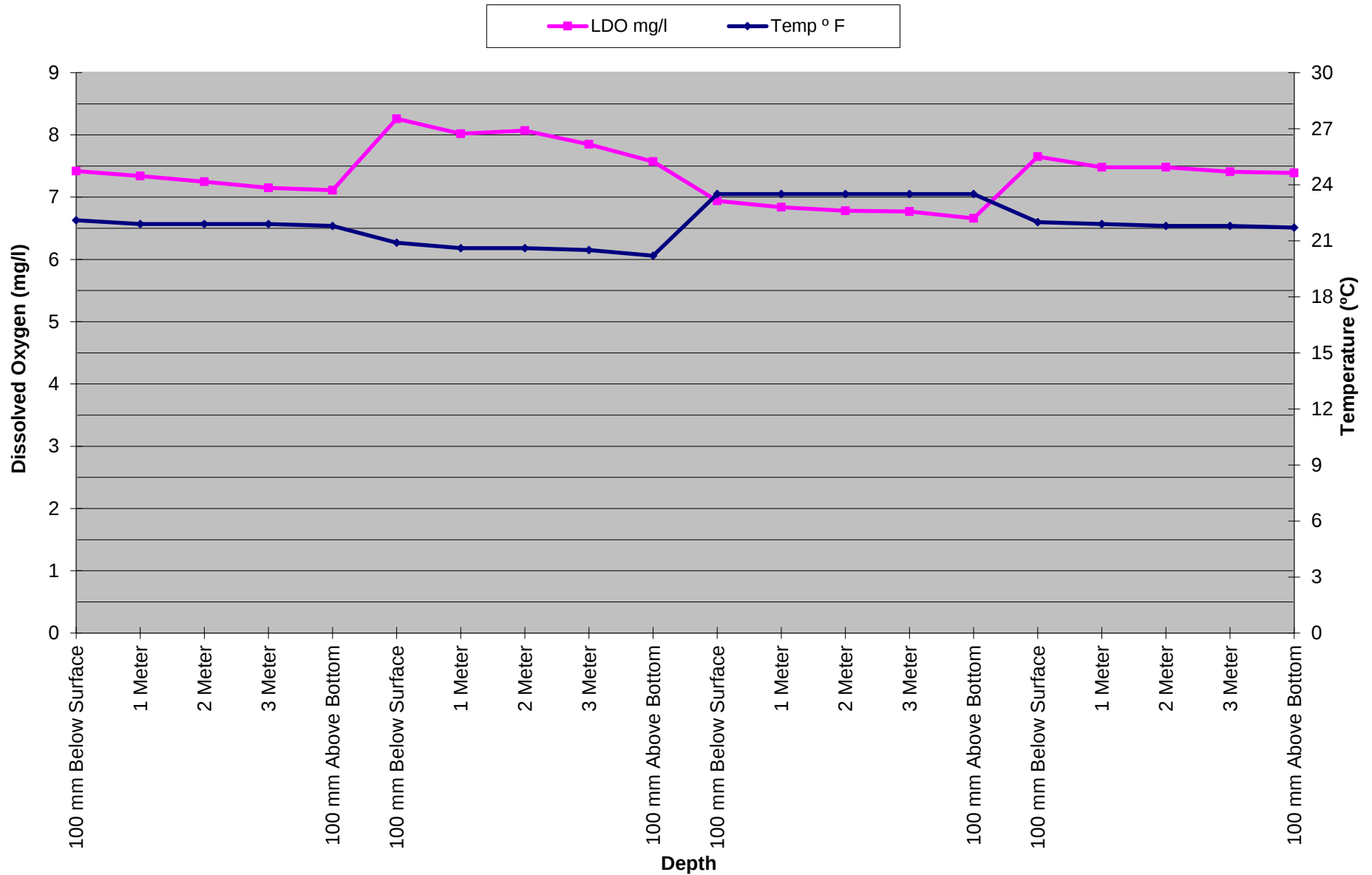
Water Quality Monitoring Reservoir Sampling Data
 July 01-Aug 01, 2014
 Oconto Falls Lower P-2523

Date	Time	Depth	LDO	Temp
			mg/l	° F
8/1/2014	12:32	7 Meter	0.49	19.80
8/1/2014	12:35	100 mm Above Bottom	0.09	19.30

Water Quality Monitoring Data
Month of July 2014

APPENDIX B
RESERVOIR SAMPLING GRAPHS

**Oconto Falls Lower FERC #2689
Reservoir
7/11-7/18-7/25-8/1/2014 Sampling Dates
Temperature and Dissolved Oxygen**



Water Quality Monitoring Data
Month of July 2014

APPENDIX C
TAILWATER SAMPLING DATA

Jane Manibusan

From: Joe LeBreck
Sent: Tuesday, August 05, 2014 12:16 PM
To: Jane Manibusan
Subject: RE: WQ Sonde spreadsheet

[It's a download from the sonde.](#)

From: Jane Manibusan
Sent: Tuesday, August 05, 2014 11:39 AM
To: Joe LeBreck
Subject: WQ Sonde spreadsheet

The spreadsheet is an automatic download? Or Did you type it in?

Water Quality Monitoring Data July 01-15, 2014
Oconto Falls Lower P-2689
License Article # 404

Hydrolab MS5 60752

Log File Name : JULY1-15-14-OFLW

Setup Date (M/D/YYYY) : 7/1/2014

Setup Time (HH:MM:SS) : 13:13:10

Starting Date (M/D/YYYY) : 7/1/2014

Starting Time (HH:MM:SS) : 15:00:00

Stopping Date (M/D/YYYY) : 7/15/2014

Stopping Time (HH:MM:SS) : 15:00:00

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
7/1/2014	15:00:00	75	7.91	296	8.14	11.4
7/1/2014	15:30:00	74.9	7.98	296	8.18	11.4
7/1/2014	16:00:00	74.8	7.99	296	8.24	11.4
7/1/2014	16:30:00	74.8	7.98	296	8.23	11.4
7/1/2014	17:00:00	74.8	7.98	296	7.66	11.4
7/1/2014	17:30:00	74.7	7.97	295	7.68	11.4
7/1/2014	18:00:00	74.7	7.96	295	7.61	11.4
7/1/2014	18:30:00	74.5	7.95	295	7.64	11.4
7/1/2014	19:00:00	74.6	7.96	294	7.62	11.4
7/1/2014	19:30:00	74.5	7.95	294	7.62	11.4
7/1/2014	20:00:00	74.4	7.94	294	7.56	11.4
7/1/2014	20:30:00	74.3	7.93	294	7.54	11.4
7/1/2014	21:00:00	74.2	7.93	294	7.51	11.4
7/1/2014	21:30:00	74.1	7.91	294	7.47	11.4
7/1/2014	22:00:00	73.9	7.91	294	7.45	11.4
7/1/2014	22:30:00	73.8	7.91	294	7.47	11.4
7/1/2014	23:00:00	73.7	7.91	293	7.48	11.4
7/1/2014	23:30:00	73.6	7.91	293	7.49	11.4
7/2/2014	0:00:00	73.5	7.91	293	7.5	11.4
7/2/2014	0:30:00	73.5	7.91	293	7.56	11.4
7/2/2014	1:00:00	73.4	7.92	293	7.56	11.4
7/2/2014	1:30:00	73.3	7.91	293	7.57	11.4
7/2/2014	2:00:00	73.3	7.91	293	7.56	11.4
7/2/2014	2:30:00	73.2	7.92	292	7.58	11.4
7/2/2014	3:00:00	73.2	7.92	292	7.57	11.4
7/2/2014	3:30:00	73	7.92	291	7.62	11.4
7/2/2014	4:00:00	73	7.92	292	7.59	11.4
7/2/2014	4:30:00	73	7.92	292	7.6	11.4
7/2/2014	5:00:00	73	7.92	292	7.6	11.4
7/2/2014	5:30:00	72.9	7.92	292	7.62	11.4
7/2/2014	6:00:00	72.9	7.92	292	7.61	11.4
7/2/2014	6:30:00	72.8	7.92	292	7.63	11.4
7/2/2014	7:00:00	72.7	7.92	292	7.61	11.4
7/2/2014	7:30:00	72.7	7.92	292	7.68	11.4

Water Quality Monitoring Data July 01-15, 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
7/2/2014	8:00:00	72.7	7.93	292	7.69	11.4
7/2/2014	8:30:00	72.7	7.93	292	7.71	11.4
7/2/2014	9:00:00	72.7	7.94	292	7.77	11.4
7/2/2014	9:30:00	72.8	7.95	292	7.78	11.4
7/2/2014	10:00:00	72.8	7.96	292	7.84	11.4
7/2/2014	10:30:00	72.8	7.95	292	7.86	11.4
7/2/2014	11:00:00	72.8	7.95	292	7.83	11.4
7/2/2014	11:30:00	72.8	7.96	292	7.84	11.4
7/2/2014	12:00:00	72.7	7.96	292	7.84	11.4
7/2/2014	12:30:00	72.7	7.97	292	7.9	11.4
7/2/2014	13:00:00	72.7	7.97	292	7.93	11.4
7/2/2014	13:30:00	72.8	7.98	292	7.95	11.4
7/2/2014	14:00:00	72.8	7.99	292	8	11.4
7/2/2014	14:30:00	72.9	8.01	292	7.99	11.2
7/2/2014	15:00:00	73	7.99	292	7.93	11.2
7/2/2014	15:30:00	73.1	7.98	292	7.93	11.3
7/2/2014	16:00:00	73.3	7.97	292	7.93	11.3
7/2/2014	16:30:00	73.3	7.97	292	7.95	11.2
7/2/2014	17:00:00	73.3	7.96	293	7.97	11.3
7/2/2014	17:30:00	73.3	7.95	292	7.86	11.3
7/2/2014	18:00:00	73	7.93	292	7.83	11.3
7/2/2014	18:30:00	72.8	7.92	292	7.67	11.3
7/2/2014	19:00:00	72.5	7.91	292	7.69	11.3
7/2/2014	19:30:00	72.4	7.91	291	7.68	11.3
7/2/2014	20:00:00	72.2	7.91	292	7.71	11.3
7/2/2014	20:30:00	72.1	7.9	292	7.7	11.3
7/2/2014	21:00:00	72	7.9	291	7.7	11.3
7/2/2014	21:30:00	71.9	7.89	291	7.69	11.3
7/2/2014	22:00:00	71.8	7.88	291	7.71	11.2
7/2/2014	22:30:00	71.7	7.87	291	7.6	11.3
7/2/2014	23:00:00	71.6	7.87	292	7.61	11.2
7/2/2014	23:30:00	71.5	7.87	292	7.64	11.2
7/3/2014	0:00:00	71.4	7.88	292	7.63	11.3
7/3/2014	0:30:00	71.3	7.87	293	7.64	11.2
7/3/2014	1:00:00	71.2	7.86	293	7.61	11.2
7/3/2014	1:30:00	71.1	7.85	293	7.59	11.2
7/3/2014	2:00:00	71	7.85	294	7.59	11.2
7/3/2014	2:30:00	70.9	7.84	294	7.58	11.2
7/3/2014	3:00:00	70.8	7.84	295	7.57	11.2
7/3/2014	3:30:00	70.8	7.84	295	7.6	11.2
7/3/2014	4:00:00	70.7	7.84	295	7.57	11.2
7/3/2014	4:30:00	70.6	7.83	296	7.58	11.2
7/3/2014	5:00:00	70.6	7.83	296	7.58	11.2
7/3/2014	5:30:00	70.5	7.83	296	7.58	11.2
7/3/2014	6:00:00	70.5	7.83	297	7.6	11.2
7/3/2014	6:30:00	70.5	7.83	297	7.66	11.2

Water Quality Monitoring Data July 01-15, 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
7/3/2014	7:00:00	70.5	7.84	298	7.72	11.2
7/3/2014	7:30:00	70.6	7.85	298	7.75	11.2
7/3/2014	8:00:00	70.7	7.87	298	7.86	11.2
7/3/2014	8:30:00	70.8	7.88	298	7.89	11.2
7/3/2014	9:00:00	71	7.89	297	7.99	11.2
7/3/2014	9:30:00	70.9	7.88	298	7.93	11.2
7/3/2014	10:00:00	71.1	7.89	299	7.97	11.2
7/3/2014	10:30:00	71.2	7.89	299	7.98	11.2
7/3/2014	11:00:00	71.4	7.9	299	8.01	11.2
7/3/2014	11:30:00	71.4	7.9	301	8	11.2
7/3/2014	12:00:00	71.5	7.91	301	8.03	11.2
7/3/2014	12:30:00	71.6	7.92	302	8.07	11.2
7/3/2014	13:00:00	71.5	7.92	302	8.06	11.2
7/3/2014	13:30:00	71.7	7.93	302	8.13	11.2
7/3/2014	14:00:00	72	7.96	306	8.25	11.2
7/3/2014	14:30:00	72.1	7.94	306	7.96	11.2
7/3/2014	15:00:00	72.1	7.95	306	8.04	11.2
7/3/2014	15:30:00	71.9	7.94	305	7.96	11.2
7/3/2014	16:00:00	71.5	7.92	305	7.95	11.2
7/3/2014	16:30:00	71.3	7.91	306	7.94	11.2
7/3/2014	17:00:00	71.3	7.91	307	7.96	11.2
7/3/2014	17:30:00	71.2	7.9	307	7.92	11.2
7/3/2014	18:00:00	71	7.88	309	7.8	11.2
7/3/2014	18:30:00	70.8	7.87	308	7.77	11.2
7/3/2014	19:00:00	70.6	7.86	309	7.72	11.2
7/3/2014	19:30:00	70.4	7.85	310	7.68	11.1
7/3/2014	20:00:00	70.3	7.85	310	7.66	11.2
7/3/2014	20:30:00	70.3	7.85	310	7.67	11.2
7/3/2014	21:00:00	70.2	7.85	310	7.68	11.1
7/3/2014	21:30:00	70.2	7.85	309	7.67	11.2
7/3/2014	22:00:00	70.1	7.84	310	7.66	11.1
7/3/2014	22:30:00	69.9	7.83	310	7.62	11.1
7/3/2014	23:00:00	69.9	7.83	310	7.6	11.1
7/3/2014	23:30:00	69.8	7.83	310	7.62	11.1
7/4/2014	0:00:00	69.7	7.83	310	7.63	11.1
7/4/2014	0:30:00	69.6	7.83	310	7.67	11.1
7/4/2014	1:00:00	69.6	7.83	311	7.65	11.1
7/4/2014	1:30:00	69.6	7.84	309	7.67	11.1
7/4/2014	2:00:00	69.6	7.83	306	7.67	11.1
7/4/2014	2:30:00	69.5	7.84	305	7.7	11.1
7/4/2014	3:00:00	69.5	7.83	305	7.71	11.1
7/4/2014	3:30:00	69.5	7.84	305	7.69	11.1
7/4/2014	4:00:00	69.5	7.84	305	7.72	11.1
7/4/2014	4:30:00	69.4	7.84	306	7.74	11.1
7/4/2014	5:00:00	69.4	7.84	306	7.75	11.1
7/4/2014	5:30:00	69.4	7.84	306	7.78	11.1

Water Quality Monitoring Data July 01-15, 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
7/4/2014	6:00:00	69.4	7.84	306	7.81	11.1
7/4/2014	6:30:00	69.3	7.85	307	7.83	11.1
7/4/2014	7:00:00	69.4	7.85	307	7.87	11.1
7/4/2014	7:30:00	69.5	7.86	307	7.91	11.1
7/4/2014	8:00:00	69.7	7.88	306	8	11.1
7/4/2014	8:30:00	69.8	7.9	307	8.07	11.1
7/4/2014	9:00:00	70	7.91	307	8.15	11.1
7/4/2014	9:30:00	70.2	7.91	306	8.23	11.1
7/4/2014	10:00:00	70.4	7.92	307	8.23	11.1
7/4/2014	10:30:00	70.6	7.93	306	8.28	11.1
7/4/2014	11:00:00	70.7	7.94	305	8.28	11.1
7/4/2014	11:30:00	70.9	7.94	305	8.35	11.1
7/4/2014	12:00:00	71	7.95	305	8.36	11.1
7/4/2014	12:30:00	71.2	7.95	305	8.32	11.1
7/4/2014	13:00:00	71.2	7.95	306	8.3	11.1
7/4/2014	13:30:00	71.2	7.95	305	8.34	11.1
7/4/2014	14:00:00	71.1	7.95	306	8.3	11.1
7/4/2014	14:30:00	71.3	7.95	306	8.33	11.1
7/4/2014	15:00:00	71.5	7.95	306	8.32	11.1
7/4/2014	15:30:00	71.6	7.96	306	8.28	11.1
7/4/2014	16:00:00	71.5	7.94	306	8.19	11.1
7/4/2014	16:30:00	71.4	7.94	306	8.19	11.1
7/4/2014	17:00:00	71.4	7.93	307	8.2	11.1
7/4/2014	17:30:00	71.3	7.92	307	8.12	11.1
7/4/2014	18:00:00	71.1	7.9	307	8.09	11.1
7/4/2014	18:30:00	71	7.9	307	8.04	11.1
7/4/2014	19:00:00	71	7.9	306	8.05	11.1
7/4/2014	19:30:00	71	7.89	306	8.01	11.1
7/4/2014	20:00:00	71	7.88	306	7.97	11.1
7/4/2014	20:30:00	70.9	7.87	306	7.92	11.1
7/4/2014	21:00:00	70.8	7.87	306	7.93	11.1
7/4/2014	21:30:00	70.7	7.86	306	7.9	11.1
7/4/2014	22:00:00	70.5	7.86	306	7.9	11.1
7/4/2014	22:30:00	70.4	7.85	306	7.87	11.1
7/4/2014	23:00:00	70.3	7.85	305	7.85	11.1
7/4/2014	23:30:00	70.2	7.84	305	7.84	11.1
7/5/2014	0:00:00	70.1	7.84	306	7.84	11.1
7/5/2014	0:30:00	70	7.84	305	7.83	11.1
7/5/2014	1:00:00	69.9	7.84	305	7.85	11.1
7/5/2014	1:30:00	69.9	7.84	306	7.85	11.1
7/5/2014	2:00:00	69.8	7.83	305	7.86	11.1
7/5/2014	2:30:00	69.7	7.83	306	7.84	11.1
7/5/2014	3:00:00	69.7	7.83	305	7.82	11.1
7/5/2014	3:30:00	69.7	7.83	306	7.85	11.1
7/5/2014	4:00:00	69.7	7.83	306	7.85	11.1
7/5/2014	4:30:00	69.7	7.83	305	7.87	11.1

Water Quality Monitoring Data July 01-15, 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
7/5/2014	5:00:00	69.6	7.84	305	7.88	11.1
7/5/2014	5:30:00	69.6	7.84	306	7.89	11.1
7/5/2014	6:00:00	69.6	7.83	305	7.88	11.1
7/5/2014	6:30:00	69.6	7.84	305	7.89	11.1
7/5/2014	7:00:00	69.6	7.84	304	7.96	11.1
7/5/2014	7:30:00	69.7	7.85	305	8.03	11.1
7/5/2014	8:00:00	69.9	7.87	305	8.11	11.1
7/5/2014	8:30:00	69.9	7.88	305	8.16	11.1
7/5/2014	9:00:00	69.9	7.89	304	8.25	11.1
7/5/2014	9:30:00	70.1	7.9	304	8.36	11.1
7/5/2014	10:00:00	70.3	7.91	304	8.42	11.1
7/5/2014	10:30:00	70.4	7.92	305	8.47	11.1
7/5/2014	11:00:00	70.5	7.93	303	8.42	11.1
7/5/2014	11:30:00	70.6	7.93	303	8.47	11.1
7/5/2014	12:00:00	70.7	7.94	304	8.48	11.1
7/5/2014	12:30:00	70.9	7.94	303	8.45	11.1
7/5/2014	13:00:00	71	7.94	304	8.41	11.1
7/5/2014	13:30:00	71.2	7.94	304	8.43	11.1
7/5/2014	14:00:00	71.5	7.96	304	8.45	11.1
7/5/2014	14:30:00	71.7	7.97	305	8.5	11.1
7/5/2014	15:00:00	71.9	7.97	304	8.44	11.1
7/5/2014	15:30:00	72	7.97	305	8.39	11.1
7/5/2014	16:00:00	72	7.96	304	8.41	11.1
7/5/2014	16:30:00	72.1	7.96	305	8.34	11.1
7/5/2014	17:00:00	72.3	7.95	305	8.32	11.1
7/5/2014	17:30:00	72.3	7.95	305	8.3	11.1
7/5/2014	18:00:00	72.2	7.95	305	8.29	11.1
7/5/2014	18:30:00	72.1	7.94	306	8.28	11.1
7/5/2014	19:00:00	72.1	7.93	305	8.22	11.1
7/5/2014	19:30:00	72	7.92	306	8.17	11.1
7/5/2014	20:00:00	71.9	7.9	305	8.11	11.1
7/5/2014	20:30:00	71.8	7.89	305	8.04	11.1
7/5/2014	21:00:00	71.7	7.88	306	7.97	11.1
7/5/2014	21:30:00	71.6	7.87	307	7.87	11.1
7/5/2014	22:00:00	71.5	7.84	309	7.86	11.1
7/5/2014	22:30:00	71.6	7.85	304	7.92	11.1
7/5/2014	23:00:00	71.6	7.85	305	7.86	11.1
7/5/2014	23:30:00	71.6	7.85	304	7.86	11.1
7/6/2014	0:00:00	71.5	7.85	305	7.86	11.1
7/6/2014	0:30:00	71.4	7.84	305	7.78	11.1
7/6/2014	1:00:00	71.3	7.83	305	7.8	11.1
7/6/2014	1:30:00	71.3	7.83	304	7.79	11.1
7/6/2014	2:00:00	71.2	7.83	305	7.78	11.1
7/6/2014	2:30:00	71.2	7.83	306	7.79	11.1
7/6/2014	3:00:00	71.2	7.83	305	7.76	11.1
7/6/2014	3:30:00	71.2	7.83	307	7.75	11.1

Water Quality Monitoring Data July 01-15, 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
7/6/2014	4:00:00	71.2	7.83	305	7.73	11.1
7/6/2014	4:30:00	71.2	7.83	305	7.77	11.1
7/6/2014	5:00:00	71.1	7.82	304	7.75	11.1
7/6/2014	5:30:00	71.2	7.83	304	7.72	11
7/6/2014	6:00:00	71.2	7.83	305	7.74	11
7/6/2014	6:30:00	71.1	7.82	305	7.73	11
7/6/2014	7:00:00	71.1	7.83	304	7.77	11
7/6/2014	7:30:00	71.2	7.84	305	7.83	11
7/6/2014	8:00:00	71.2	7.84	304	7.84	11
7/6/2014	8:30:00	71.2	7.85	305	7.84	11
7/6/2014	9:00:00	71.2	7.85	304	7.87	11
7/6/2014	9:30:00	71.2	7.86	304	7.92	11
7/6/2014	10:00:00	71.2	7.86	304	7.94	11
7/6/2014	10:30:00	71.2	7.86	303	7.92	11
7/6/2014	11:00:00	71.3	7.88	305	8.04	11
7/6/2014	11:30:00	71.2	7.86	304	7.9	11
7/6/2014	12:00:00	71.2	7.87	303	7.98	11
7/6/2014	12:30:00	71.3	7.88	304	8.03	11
7/6/2014	13:00:00	71.3	7.87	302	7.99	11
7/6/2014	13:30:00	71.3	7.88	304	8.02	11
7/6/2014	14:00:00	71.2	7.87	304	7.92	11
7/6/2014	14:30:00	71.2	7.86	303	7.91	11
7/6/2014	15:00:00	71.2	7.88	304	8.02	11
7/6/2014	15:30:00	71.2	7.88	303	7.95	11
7/6/2014	16:00:00	71.4	7.89	303	8.08	11
7/6/2014	16:30:00	71.4	7.89	303	7.99	11
7/6/2014	17:00:00	71.5	7.87	303	7.91	11
7/6/2014	17:30:00	71.5	7.86	304	7.86	11
7/6/2014	18:00:00	71.5	7.85	304	7.81	11
7/6/2014	18:30:00	71.5	7.85	304	7.83	11
7/6/2014	19:00:00	71.6	7.85	304	7.86	11
7/6/2014	19:30:00	71.6	7.85	304	7.82	11
7/6/2014	20:00:00	71.6	7.84	304	7.79	11
7/6/2014	20:30:00	71.6	7.84	305	7.73	11
7/6/2014	21:00:00	71.5	7.83	303	7.72	11
7/6/2014	21:30:00	71.5	7.82	304	7.74	11
7/6/2014	22:00:00	71.5	7.82	304	7.75	11
7/6/2014	22:30:00	71.4	7.82	303	7.73	11
7/6/2014	23:00:00	71.4	7.82	303	7.73	11
7/6/2014	23:30:00	71.4	7.82	303	7.72	11
7/7/2014	0:00:00	71.3	7.83	303	7.73	11
7/7/2014	0:30:00	71.4	7.83	304	7.75	11
7/7/2014	1:00:00	71.4	7.85	303	7.77	11
7/7/2014	1:30:00	71.4	7.85	303	7.77	11
7/7/2014	2:00:00	71.4	7.85	303	7.77	11
7/7/2014	2:30:00	71.4	7.84	305	7.75	11

Water Quality Monitoring Data July 01-15, 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
7/7/2014	3:00:00	71.3	7.84	307	7.74	11
7/7/2014	3:30:00	71.2	7.84	302	7.73	11
7/7/2014	4:00:00	71.1	7.84	302	7.71	11
7/7/2014	4:30:00	71	7.83	302	7.69	11
7/7/2014	5:00:00	71	7.83	302	7.66	11
7/7/2014	5:30:00	70.9	7.83	303	7.67	11
7/7/2014	6:00:00	70.9	7.82	303	7.67	11
7/7/2014	6:30:00	70.9	7.82	302	7.66	11
7/7/2014	7:00:00	70.9	7.82	303	7.72	10.9
7/7/2014	7:30:00	70.9	7.83	302	7.76	11
7/7/2014	8:00:00	71	7.83	304	7.8	10.9
7/7/2014	8:30:00	71.2	7.85	302	7.84	10.9
7/7/2014	9:00:00	71.3	7.86	303	7.93	10.9
7/7/2014	9:30:00	71.5	7.87	303	7.96	11
7/7/2014	10:00:00	71.7	7.88	302	7.98	10.9
7/7/2014	10:30:00	71.9	7.89	303	7.99	10.9
7/7/2014	11:00:00	72.2	7.91	302	8.05	10.9
7/7/2014	11:30:00	72.4	7.92	302	8.05	10.9
7/7/2014	12:00:00	72.6	7.93	303	8.07	10.9
7/7/2014	12:30:00	72.9	7.93	302	8.02	10.9
7/7/2014	13:00:00	73	7.93	302	8.01	10.9
7/7/2014	13:30:00	73.2	7.94	302	8.04	10.9
7/7/2014	14:00:00	73.3	7.94	302	8.03	10.9
7/7/2014	14:30:00	73.5	7.94	303	8.03	11
7/7/2014	15:00:00	73.4	7.94	301	7.97	10.9
7/7/2014	15:30:00	73.3	7.92	303	7.93	10.9
7/7/2014	16:00:00	73.3	7.91	303	7.89	10.9
7/7/2014	16:30:00	73.4	7.91	302	7.86	10.9
7/7/2014	17:00:00	73.3	7.91	304	7.9	10.9
7/7/2014	17:30:00	73.2	7.91	303	7.87	10.9
7/7/2014	18:00:00	73.2	7.9	304	7.98	10.9
7/7/2014	18:30:00	73	7.88	303	7.91	10.9
7/7/2014	19:00:00	72.9	7.87	303	7.88	10.9
7/7/2014	19:30:00	72.7	7.85	303	7.87	10.9
7/7/2014	20:00:00	72.5	7.84	303	7.79	10.9
7/7/2014	20:30:00	72.3	7.83	303	7.76	10.9
7/7/2014	21:00:00	72.1	7.82	303	7.73	10.9
7/7/2014	21:30:00	71.9	7.81	304	7.72	10.9
7/7/2014	22:00:00	71.8	7.81	304	7.72	10.9
7/7/2014	22:30:00	71.7	7.81	306	7.75	10.9
7/7/2014	23:00:00	71.6	7.81	304	7.71	10.9
7/7/2014	23:30:00	71.6	7.81	307	7.69	10.9
7/8/2014	0:00:00	71.6	7.81	305	7.71	10.9
7/8/2014	0:30:00	71.7	7.81	307	7.69	10.9
7/8/2014	1:00:00	71.6	7.81	305	7.7	10.9
7/8/2014	1:30:00	71.5	7.81	305	7.7	10.9

Water Quality Monitoring Data July 01-15, 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
7/8/2014	2:00:00	71.5	7.81	306	7.71	10.9
7/8/2014	2:30:00	71.6	7.82	305	7.72	10.9
7/8/2014	3:00:00	71.6	7.82	305	7.73	10.9
7/8/2014	3:30:00	71.6	7.82	305	7.75	10.8
7/8/2014	4:00:00	71.5	7.82	305	7.74	10.9
7/8/2014	4:30:00	71.5	7.83	307	7.73	10.8
7/8/2014	5:00:00	71.4	7.82	305	7.76	10.9
7/8/2014	5:30:00	71.4	7.82	305	7.73	10.8
7/8/2014	6:00:00	71.4	7.82	305	7.76	10.8
7/8/2014	6:30:00	71.3	7.82	305	7.76	10.8
7/8/2014	7:00:00	71.3	7.83	304	7.83	10.8
7/8/2014	7:30:00	71.3	7.84	304	7.87	10.8
7/8/2014	8:00:00	71.4	7.86	304	8.03	10.8
7/8/2014	8:30:00	71.5	7.88	305	8.1	10.8
7/8/2014	9:00:00	71.7	7.9	304	8.13	10.8
7/8/2014	9:30:00	71.8	7.9	305	8.14	10.8
7/8/2014	10:00:00	71.9	7.91	304	8.16	10.8
7/8/2014	10:30:00	72	7.92	306	8.2	10.8
7/8/2014	11:00:00	72.1	7.92	306	8.25	10.8
7/8/2014	11:30:00	72.2	7.93	305	8.17	10.8
7/8/2014	12:00:00	72.1	7.9	304	8.16	10.8
7/8/2014	12:30:00	72.4	7.92	304	8.2	10.8
7/8/2014	13:00:00	72.6	7.93	305	8.2	10.8
7/8/2014	13:30:00	72.6	7.92	306	8.1	10.8
7/8/2014	14:00:00	72.7	7.93	306	8.17	10.8
7/8/2014	14:30:00	72.7	7.92	306	8.11	10.8
7/8/2014	15:00:00	72.6	7.91	306	8.07	10.8
7/8/2014	15:30:00	72.7	7.91	312	8.1	10.8
7/8/2014	16:00:00	75.3	9.91	11	8.44	10.5
7/8/2014	16:30:00	72.9	7.93	313	8.22	10.7
7/8/2014	17:00:00	73	7.93	313	8.25	10.8
7/8/2014	17:30:00	72.9	7.91	312	8.14	10.8
7/8/2014	18:00:00	72.7	7.89	313	8.06	10.8
7/8/2014	18:30:00	72.6	7.88	313	8.1	10.8
7/8/2014	19:00:00	72.5	7.87	313	8.06	10.8
7/8/2014	19:30:00	72.5	7.87	314	8.05	10.8
7/8/2014	20:00:00	72.4	7.87	314	8.05	10.8
7/8/2014	20:30:00	72.4	7.86	314	8	10.8
7/8/2014	21:00:00	72.3	7.85	315	7.96	10.8
7/8/2014	21:30:00	72.1	7.84	313	7.89	10.8
7/8/2014	22:00:00	72	7.83	314	7.89	10.8
7/8/2014	22:30:00	71.8	7.82	313	7.9	10.8
7/8/2014	23:00:00	71.7	7.82	314	7.9	10.8
7/8/2014	23:30:00	71.6	7.82	315	7.9	10.8
7/9/2014	0:00:00	71.6	7.82	313	7.91	10.8
7/9/2014	0:30:00	71.6	7.83	314	7.97	10.8

Water Quality Monitoring Data July 01-15, 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
7/9/2014	1:00:00	71.5	7.83	313	7.96	10.8
7/9/2014	1:30:00	71.5	7.83	313	7.93	10.8
7/9/2014	2:00:00	71.5	7.83	315	7.94	10.8
7/9/2014	2:30:00	71.4	7.83	313	7.96	10.8
7/9/2014	3:00:00	71.4	7.83	313	7.94	10.8
7/9/2014	3:30:00	71.3	7.83	314	7.95	10.8
7/9/2014	4:00:00	71.2	7.83	312	7.95	10.8
7/9/2014	4:30:00	71.2	7.82	313	7.93	10.8
7/9/2014	5:00:00	71.2	7.82	313	7.92	10.8
7/9/2014	5:30:00	71.1	7.82	314	7.91	10.8
7/9/2014	6:00:00	71.1	7.82	314	7.95	10.8
7/9/2014	6:30:00	71.1	7.82	313	7.97	10.8
7/9/2014	7:00:00	71.2	7.83	315	8.04	10.8
7/9/2014	7:30:00	71.2	7.84	313	8.08	10.8
7/9/2014	8:00:00	71.3	7.86	313	8.12	10.8
7/9/2014	8:30:00	71.5	7.87	313	8.15	10.8
7/9/2014	9:00:00	71.6	7.88	312	8.17	10.8
7/9/2014	9:30:00	71.8	7.9	314	8.23	10.8
7/9/2014	10:00:00	71.9	7.9	315	8.25	10.8
7/9/2014	10:30:00	71.9	7.91	313	8.19	10.8
7/9/2014	11:00:00	72.1	7.91	314	8.28	10.8
7/9/2014	11:30:00	72.3	7.92	315	8.27	10.8
7/9/2014	12:00:00	72.6	7.94	316	8.33	10.8
7/9/2014	12:30:00	72.3	7.92	314	8.16	10.8
7/9/2014	13:00:00	72.4	7.92	315	8.21	10.8
7/9/2014	13:30:00	72.5	7.92	316	8.24	10.8
7/9/2014	14:00:00	72.6	7.93	315	8.23	10.8
7/9/2014	14:30:00	72.5	7.93	316	8.23	10.8
7/9/2014	15:00:00	72.5	7.94	314	8.26	10.8
7/9/2014	15:30:00	72.5	7.93	316	8.2	10.8
7/9/2014	16:00:00	72.4	7.92	315	8.14	10.8
7/9/2014	16:30:00	72.5	7.92	315	8.16	10.8
7/9/2014	17:00:00	72.5	7.92	316	8.17	10.8
7/9/2014	17:30:00	72.5	7.91	316	8.15	10.8
7/9/2014	18:00:00	72.5	7.91	316	8.12	10.8
7/9/2014	18:30:00	72.5	7.91	316	8.12	10.8
7/9/2014	19:00:00	72.4	7.9	315	8.07	10.8
7/9/2014	19:30:00	72.3	7.89	316	8.03	10.8
7/9/2014	20:00:00	72.1	7.87	315	7.97	10.8
7/9/2014	20:30:00	72	7.86	317	7.96	10.8
7/9/2014	21:00:00	71.9	7.85	317	7.93	10.8
7/9/2014	21:30:00	71.7	7.84	316	7.87	10.8
7/9/2014	22:00:00	71.6	7.83	316	7.88	10.8
7/9/2014	22:30:00	71.5	7.83	317	7.92	10.8
7/9/2014	23:00:00	71.4	7.83	317	7.88	10.8
7/9/2014	23:30:00	71.3	7.83	316	7.87	10.8

Water Quality Monitoring Data July 01-15, 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
7/10/2014	0:00:00	71.2	7.83	316	7.88	10.8
7/10/2014	0:30:00	71.2	7.84	317	7.92	10.8
7/10/2014	1:00:00	71.2	7.83	316	7.98	10.8
7/10/2014	1:30:00	71.1	7.84	317	7.95	10.8
7/10/2014	2:00:00	71.1	7.83	316	7.97	10.8
7/10/2014	2:30:00	71	7.83	316	7.92	10.8
7/10/2014	3:00:00	71	7.83	316	7.95	10.8
7/10/2014	3:30:00	70.9	7.83	316	7.92	10.8
7/10/2014	4:00:00	70.9	7.82	316	7.91	10.8
7/10/2014	4:30:00	70.9	7.82	316	7.92	10.8
7/10/2014	5:00:00	70.8	7.82	315	7.94	10.8
7/10/2014	5:30:00	70.7	7.82	316	7.97	10.8
7/10/2014	6:00:00	70.7	7.83	316	7.96	10.8
7/10/2014	6:30:00	70.7	7.83	316	7.97	10.8
7/10/2014	7:00:00	70.7	7.84	317	8.01	10.8
7/10/2014	7:30:00	70.8	7.85	317	8.09	10.8
7/10/2014	8:00:00	71	7.86	317	8.17	10.8
7/10/2014	8:30:00	71.2	7.88	316	8.24	10.8
7/10/2014	9:00:00	71.4	7.9	316	8.28	10.8
7/10/2014	9:30:00	71.5	7.91	317	8.35	10.8
7/10/2014	10:00:00	71.7	7.92	316	8.38	10.8
7/10/2014	10:30:00	71.8	7.92	317	8.36	10.8
7/10/2014	11:00:00	71.9	7.93	317	8.36	10.8
7/10/2014	11:30:00	71.9	7.93	317	8.39	10.8
7/10/2014	12:00:00	71.9	7.93	316	8.38	10.8
7/10/2014	12:30:00	71.9	7.94	316	8.4	10.8
7/10/2014	13:00:00	71.8	7.94	316	8.41	10.7
7/10/2014	13:30:00	71.8	7.95	318	8.46	10.7
7/10/2014	14:00:00	71.8	7.95	318	8.42	10.8
7/10/2014	14:30:00	71.6	7.93	318	8.33	10.7
7/10/2014	15:00:00	71.5	7.94	317	8.39	10.7
7/10/2014	15:30:00	71.3	7.94	316	8.39	10.7
7/10/2014	16:00:00	71.1	7.92	315	8.27	10.7
7/10/2014	16:30:00	71	7.93	317	8.4	10.7
7/10/2014	17:00:00	70.8	7.91	315	8.25	10.7
7/10/2014	17:30:00	70.6	7.91	316	8.25	10.7
7/10/2014	18:00:00	70.5	7.91	315	8.28	10.7
7/10/2014	18:30:00	70.3	7.9	316	8.29	10.7
7/10/2014	19:00:00	70.1	7.9	316	8.28	10.7
7/10/2014	19:30:00	70.2	7.88	318	7.93	10.7
7/10/2014	20:00:00	70.2	7.87	331	7.93	10.7
7/10/2014	20:30:00	69.8	7.86	315	7.94	10.7
7/10/2014	21:00:00	69.7	7.87	315	8	10.7
7/10/2014	21:30:00	69.8	7.87	315	7.98	10.7
7/10/2014	22:00:00	69.9	7.88	315	7.98	10.7
7/10/2014	22:30:00	70	7.88	315	7.95	10.7

Water Quality Monitoring Data July 01-15, 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
7/10/2014	23:00:00	70.1	7.88	315	7.93	10.7
7/10/2014	23:30:00	70.2	7.88	314	7.9	10.7
7/11/2014	0:00:00	70.3	7.87	317	7.93	10.7
7/11/2014	0:30:00	70.4	7.87	315	7.93	10.7
7/11/2014	1:00:00	70.4	7.87	314	7.92	10.7
7/11/2014	1:30:00	70.5	7.87	315	7.97	10.6
7/11/2014	2:00:00	70.5	7.87	314	7.96	10.7
7/11/2014	2:30:00	70.5	7.87	315	7.97	10.7
7/11/2014	3:00:00	70.5	7.87	315	7.94	10.7
7/11/2014	3:30:00	70.5	7.87	315	7.92	10.7
7/11/2014	4:00:00	70.5	7.87	315	7.96	10.6
7/11/2014	4:30:00	70.5	7.87	315	7.93	10.6
7/11/2014	5:00:00	70.6	7.86	316	7.95	10.7
7/11/2014	5:30:00	70.5	7.86	314	7.92	10.6
7/11/2014	6:00:00	70.5	7.86	315	7.93	10.6
7/11/2014	6:30:00	70.6	7.86	316	7.94	10.6
7/11/2014	7:00:00	70.6	7.86	317	7.92	10.6
7/11/2014	7:30:00	70.6	7.87	315	8.05	10.6
7/11/2014	8:00:00	70.6	7.88	315	8.09	10.6
7/11/2014	8:30:00	70.9	7.9	316	8.21	10.6
7/11/2014	9:00:00	70.9	7.92	314	8.31	10.6
7/11/2014	9:30:00	71	7.94	313	8.41	10.6
7/11/2014	10:00:00	71.3	7.96	314	8.5	10.6
7/11/2014	10:30:00	72.1	8.04	323	8.84	10.6
7/11/2014	11:00:00	71.9	8.03	317	8.67	10.6
7/11/2014	11:30:00	72.2	8.08	315	8.88	10.6
7/11/2014	12:00:00	71.8	8.04	313	8.73	10.6
7/11/2014	12:30:00	71.8	7.97	316	8.41	10.6
7/11/2014	13:00:00	71.6	7.95	315	8.24	10.6
7/11/2014	13:30:00	71.6	7.96	316	8.34	10.6
7/11/2014	14:00:00	71.6	7.96	315	8.41	10.6
7/11/2014	14:30:00	71.7	7.98	315	8.44	10.6
7/11/2014	15:00:00	71.9	8	315	8.56	10.6
7/11/2014	15:30:00	72	8	315	8.41	10.6
7/11/2014	16:00:00	72.2	8.01	315	8.41	10.6
7/11/2014	16:30:00	72.3	8.02	316	8.5	10.6
7/11/2014	17:00:00	72	8	315	8.38	10.6
7/11/2014	17:30:00	72	7.99	316	8.37	10.6
7/11/2014	18:00:00	72	7.98	317	8.31	10.6
7/11/2014	18:30:00	72	7.97	317	8.31	10.6
7/11/2014	19:00:00	72	7.96	317	8.25	10.6
7/11/2014	19:30:00	71.9	7.95	317	8.22	10.6
7/11/2014	20:00:00	71.9	7.95	316	8.2	10.6
7/11/2014	20:30:00	71.9	7.94	316	8.16	10.6
7/11/2014	21:00:00	71.8	7.93	316	8.12	10.6
7/11/2014	21:30:00	71.8	7.92	316	8.04	10.6

Water Quality Monitoring Data July 01-15, 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
7/11/2014	22:00:00	71.7	7.91	317	8.02	10.6
7/11/2014	22:30:00	71.6	7.91	316	8.04	10.6
7/11/2014	23:00:00	71.6	7.91	316	8.02	10.6
7/11/2014	23:30:00	71.6	7.9	317	8.02	10.6
7/12/2014	0:00:00	71.5	7.9	315	7.99	10.6
7/12/2014	0:30:00	71.5	7.9	316	7.96	10.6
7/12/2014	1:00:00	71.4	7.89	316	7.94	10.6
7/12/2014	1:30:00	71.4	7.89	315	7.93	10.6
7/12/2014	2:00:00	71.4	7.88	317	7.92	10.6
7/12/2014	2:30:00	71.4	7.88	316	7.92	10.5
7/12/2014	3:00:00	71.4	7.88	317	7.92	10.6
7/12/2014	3:30:00	71.4	7.88	318	7.94	10.6
7/12/2014	4:00:00	71.3	7.88	316	7.93	10.5
7/12/2014	4:30:00	71.4	7.88	319	7.96	10.6
7/12/2014	5:00:00	71.3	7.88	317	7.89	10.5
7/12/2014	5:30:00	71.3	7.87	317	7.9	10.6
7/12/2014	6:00:00	71.2	7.87	317	7.89	10.6
7/12/2014	6:30:00	71.2	7.87	317	7.87	10.5
7/12/2014	7:00:00	71.2	7.87	318	7.93	10.5
7/12/2014	7:30:00	71.3	7.9	317	8.03	10.6
7/12/2014	8:00:00	71.4	7.91	318	8.1	10.5
7/12/2014	8:30:00	71.4	7.92	316	8.14	10.5
7/12/2014	9:00:00	71.5	7.94	316	8.17	10.5
7/12/2014	9:30:00	71.5	7.95	317	8.19	10.5
7/12/2014	10:00:00	71.6	7.96	317	8.25	10.5
7/12/2014	10:30:00	71.7	7.96	318	8.27	10.5
7/12/2014	11:00:00	71.7	7.98	316	8.32	10.5
7/12/2014	11:30:00	71.8	7.99	317	8.34	10.5
7/12/2014	12:00:00	71.9	7.98	318	8.37	10.5
7/12/2014	12:30:00	71.9	7.98	316	8.31	10.5
7/12/2014	13:00:00	71.8	7.97	317	8.23	10.5
7/12/2014	13:30:00	71.8	7.97	317	8.27	10.5
7/12/2014	14:00:00	71.8	7.98	317	8.34	10.5
7/12/2014	14:30:00	71.9	7.99	317	8.37	10.5
7/12/2014	15:00:00	71.9	7.99	318	8.31	10.5
7/12/2014	15:30:00	72	8	319	8.36	10.5
7/12/2014	16:00:00	71.9	8	317	8.36	10.5
7/12/2014	16:30:00	71.9	7.98	318	8.3	10.5
7/12/2014	17:00:00	71.9	7.98	318	8.27	10.5
7/12/2014	17:30:00	71.9	7.97	319	8.26	10.5
7/12/2014	18:00:00	72	7.97	318	8.25	10.5
7/12/2014	18:30:00	72	7.96	318	8.17	10.5
7/12/2014	19:00:00	72.1	7.97	317	8.15	10.5
7/12/2014	19:30:00	72.2	7.97	318	8.07	10.5
7/12/2014	20:00:00	72.2	7.98	318	8.19	10.5
7/12/2014	20:30:00	72.5	7.99	320	8.16	10.5

Water Quality Monitoring Data July 01-15, 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
7/12/2014	21:00:00	72.8	8.02	320	8.2	10.5
7/12/2014	21:30:00	72.9	8.03	320	8.22	10.5
7/12/2014	22:00:00	72.9	8.02	320	8.19	10.5
7/12/2014	22:30:00	72.7	8	321	8.11	10.5
7/12/2014	23:00:00	72.3	7.96	320	8.02	10.5
7/12/2014	23:30:00	72	7.94	321	7.93	10.5
7/13/2014	0:00:00	71.8	7.93	319	7.87	10.5
7/13/2014	0:30:00	71.7	7.92	319	7.9	10.5
7/13/2014	1:00:00	71.6	7.92	318	7.87	10.5
7/13/2014	1:30:00	71.5	7.91	317	7.87	10.5
7/13/2014	2:00:00	71.4	7.91	318	7.86	10.5
7/13/2014	2:30:00	71.3	7.91	316	7.87	10.5
7/13/2014	3:00:00	71.3	7.91	317	7.88	10.5
7/13/2014	3:30:00	71.2	7.9	318	7.84	10.5
7/13/2014	4:00:00	71.2	7.9	318	7.86	10.5
7/13/2014	4:30:00	71.1	7.9	318	7.81	10.5
7/13/2014	5:00:00	71.1	7.9	317	7.85	10.5
7/13/2014	5:30:00	71	7.9	318	7.81	10.5
7/13/2014	6:00:00	71	7.9	318	7.83	10.5
7/13/2014	6:30:00	71	7.9	318	7.91	10.5
7/13/2014	7:00:00	71	7.91	318	7.91	10.5
7/13/2014	7:30:00	71	7.92	319	8.02	10.5
7/13/2014	8:00:00	71.2	7.96	316	8.14	10.5
7/13/2014	8:30:00	71.4	7.98	317	8.26	10.5
7/13/2014	9:00:00	71.6	8.01	318	8.52	10.5
7/13/2014	9:30:00	71.8	8.04	315	8.7	10.5
7/13/2014	10:00:00	72	8.07	315	8.76	10.5
7/13/2014	10:30:00	72.3	8.09	319	8.85	10.5
7/13/2014	11:00:00	72.5	8.1	319	8.83	10.5
7/13/2014	11:30:00	72.7	8.12	317	8.8	10.5
7/13/2014	12:00:00	72.8	8.13	317	8.86	10.5
7/13/2014	12:30:00	73	8.14	315	8.83	10.5
7/13/2014	13:00:00	73.2	8.14	315	8.8	10.5
7/13/2014	13:30:00	73.3	8.15	315	8.8	10.5
7/13/2014	14:00:00	73.4	8.15	315	8.76	10.5
7/13/2014	14:30:00	73.5	8.15	316	8.74	10.5
7/13/2014	15:00:00	73.6	8.15	316	8.7	10.5
7/13/2014	15:30:00	73.6	8.14	317	8.66	10.4
7/13/2014	16:00:00	73.6	8.13	318	8.6	10.5
7/13/2014	16:30:00	73.5	8.12	317	8.56	10.5
7/13/2014	17:00:00	73.6	8.11	319	8.57	10.5
7/13/2014	17:30:00	73.5	8.09	317	8.5	10.5
7/13/2014	18:00:00	73.4	8.08	319	8.5	10.5
7/13/2014	18:30:00	73.3	8.06	318	8.47	10.5
7/13/2014	19:00:00	73.1	8.05	319	8.41	10.5
7/13/2014	19:30:00	72.9	8.04	319	8.35	10.5

Water Quality Monitoring Data July 01-15, 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
7/13/2014	20:00:00	72.7	8.02	317	8.32	10.4
7/13/2014	20:30:00	72.6	8.01	319	8.32	10.5
7/13/2014	21:00:00	72.4	8	317	8.26	10.5
7/13/2014	21:30:00	72.2	7.98	319	8.25	10.4
7/13/2014	22:00:00	72	7.97	318	8.25	10.5
7/13/2014	22:30:00	71.9	7.96	319	8.22	10.4
7/13/2014	23:00:00	71.8	7.95	319	8.18	10.4
7/13/2014	23:30:00	71.6	7.94	318	8.18	10.4
7/14/2014	0:00:00	71.6	7.93	321	8.19	10.4
7/14/2014	0:30:00	71.5	7.92	318	8.16	10.4
7/14/2014	1:00:00	71.4	7.92	319	8.17	10.4
7/14/2014	1:30:00	71.4	7.92	319	8.14	10.4
7/14/2014	2:00:00	71.3	7.92	318	8.22	10.4
7/14/2014	2:30:00	71.3	7.92	319	8.15	10.4
7/14/2014	3:00:00	71.3	7.92	318	8.17	10.4
7/14/2014	3:30:00	71.2	7.91	319	8.13	10.4
7/14/2014	4:00:00	71.2	7.9	322	8.15	10.4
7/14/2014	4:30:00	71.2	7.9	322	8.1	10.4
7/14/2014	5:00:00	71.1	7.9	319	8.13	10.4
7/14/2014	5:30:00	71	7.9	320	8.13	10.4
7/14/2014	6:00:00	71	7.9	321	8.17	10.4
7/14/2014	6:30:00	71	7.91	320	8.19	10.4
7/14/2014	7:00:00	71	7.93	319	8.26	10.4
7/14/2014	7:30:00	71.1	7.93	321	8.29	10.4
7/14/2014	8:00:00	71.1	7.95	319	8.36	10.4
7/14/2014	8:30:00	71.2	7.97	319	8.41	10.4
7/14/2014	9:00:00	71	8	318	8.37	10.4
7/14/2014	9:30:00	70.9	7.98	318	8.23	10.4
7/14/2014	10:00:00	70.9	7.97	319	8.2	10.4
7/14/2014	10:30:00	71.5	8.05	318	8.74	10.4
7/14/2014	11:00:00	71.7	8.08	318	8.86	10.4
7/14/2014	11:30:00	71.7	8.07	319	8.66	10.4
7/14/2014	12:00:00	71.8	8.08	318	8.69	10.4
7/14/2014	12:30:00	71.9	8.09	318	8.69	10.4
7/14/2014	13:00:00	72	8.02	325	8.31	10.4
7/14/2014	13:30:00	72.2	8.04	317	8.33	10.4
7/14/2014	14:00:00	72.2	8.04	318	8.32	10.4
7/14/2014	14:30:00	72.2	8.05	316	8.37	10.4
7/14/2014	15:00:00	72.1	8.05	316	8.29	10.4
7/14/2014	15:30:00	72.2	8.07	317	8.37	10.4
7/14/2014	16:00:00	72.4	8.09	316	8.49	10.4
7/14/2014	16:30:00	72.5	8.1	317	8.51	10.4
7/14/2014	17:00:00	72.3	8.09	317	8.48	10.4
7/14/2014	17:30:00	72.3	8.08	317	8.42	10.4
7/14/2014	18:00:00	72.3	8.08	318	8.44	10.4
7/14/2014	18:30:00	72.1	8.11	315	8.5	10.4

Water Quality Monitoring Data July 01-15, 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
7/14/2014	19:00:00	72.1	8.12	319	8.45	10.4
7/14/2014	19:30:00	71.9	8.09	319	8.3	10.4
7/14/2014	20:00:00	71.8	8.06	319	8.17	10.4
7/14/2014	20:30:00	71.7	8.04	320	8.05	10.4
7/14/2014	21:00:00	71.6	8.02	320	8.03	10.4
7/14/2014	21:30:00	71.5	8.01	319	7.99	10.4
7/14/2014	22:00:00	71.4	8	320	7.95	10.4
7/14/2014	22:30:00	71.3	7.99	321	7.96	10.4
7/14/2014	23:00:00	71.2	7.98	321	7.88	10.4
7/14/2014	23:30:00	71	7.97	321	7.86	10.4
7/15/2014	0:00:00	71	7.96	321	7.86	10.4
7/15/2014	0:30:00	70.8	7.95	322	7.83	10.4
7/15/2014	1:00:00	70.7	7.94	322	7.81	10.4
7/15/2014	1:30:00	70.6	7.92	319	7.92	10.4
7/15/2014	2:00:00	71	7.93	319	7.83	10.4
7/15/2014	2:30:00	71	7.94	320	7.86	10.4
7/15/2014	3:00:00	71	7.95	319	7.87	10.4
7/15/2014	3:30:00	71	7.96	319	7.87	10.4
7/15/2014	4:00:00	70.9	7.96	319	7.88	10.4
7/15/2014	4:30:00	70.9	7.96	319	7.9	10.4
7/15/2014	5:00:00	70.8	7.95	320	7.89	10.4
7/15/2014	5:30:00	70.7	7.95	320	7.85	10.4
7/15/2014	6:00:00	70.7	7.95	319	7.82	10.4
7/15/2014	6:30:00	70.6	7.95	320	7.87	10.4
7/15/2014	7:00:00	70.6	7.97	320	8	10.4
7/15/2014	7:30:00	70.5	7.98	320	8.07	10.4
7/15/2014	8:00:00	70.5	7.99	321	8.06	10.4
7/15/2014	8:30:00	70.6	8.01	320	8.26	10.4
7/15/2014	9:00:00	70.5	8.05	316	8.44	10.4
7/15/2014	9:30:00	70.6	8.09	319	8.67	10.4
7/15/2014	10:00:00	70.9	8.12	319	8.78	10.4
7/15/2014	10:30:00	70.7	8.11	320	8.63	10.4
7/15/2014	11:00:00	70.7	8.12	319	8.72	10.4
7/15/2014	11:30:00	71	8.13	320	8.76	10.4
7/15/2014	12:00:00	71.1	8.14	320	8.83	10.4
7/15/2014	12:30:00	71.2	8.14	319	8.82	10.4
7/15/2014	13:00:00	71	8.12	321	8.53	10.4
7/15/2014	13:30:00	71.2	8.16	319	8.88	10.4
7/15/2014	14:00:00	71.4	8.17	319	8.93	10.4
7/15/2014	14:30:00	71.1	8.13	321	8.57	10.4
7/15/2014	15:00:00	68.8	9.99	6367	8.61	10.1
Average		71.58	7.92	317.92	8.03	10.85
High		75.30	9.99	6367.00	8.93	11.40
Low		68.80	7.81	11.00	7.45	10.10

Water Quality Monitoring Data July 15-30, 2014
Oconto Falls Lower P-2689
License Article # 404

Hydrolab MS5 60752

Log File Name : JULY 15-31-14-OFLW

Setup Date (M/D/YYYY) : 7/15/2014

Setup Time (HH:MM:SS) : 15:08:56

Starting Date (M/D/YYYY) : 7/15/2014

Starting Time (HH:MM:SS) : 15:30:00

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

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

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
7/15/2014	15:30:00	71	8.12	322	8.69	10.2
7/15/2014	16:00:00	70.9	8.02	322	8.27	10.2
7/15/2014	16:30:00	70.9	8.01	323	8.24	10.3
7/15/2014	17:00:00	70.9	8.02	322	8.29	10.3
7/15/2014	17:30:00	70.9	8.02	322	8.27	10.3
7/15/2014	18:00:00	70.8	8.01	322	8.19	10.3
7/15/2014	18:30:00	70.8	7.99	325	8.13	10.4
7/15/2014	19:00:00	70.6	7.97	323	8.04	10.4
7/15/2014	19:30:00	70.5	7.96	327	7.99	10.3
7/15/2014	20:00:00	70.4	7.94	328	7.97	10.4
7/15/2014	20:30:00	70.2	7.93	328	7.89	10.4
7/15/2014	21:00:00	70.1	7.92	326	7.87	10.3
7/15/2014	21:30:00	69.9	7.92	324	7.85	10.4
7/15/2014	22:00:00	69.7	7.92	325	7.9	10.3
7/15/2014	22:30:00	69.6	7.92	325	7.9	10.4
7/15/2014	23:00:00	69.6	7.92	325	7.88	10.4
7/15/2014	23:30:00	69.5	7.92	325	7.88	10.3
7/16/2014	0:00:00	69.5	7.92	325	7.91	10.3
7/16/2014	0:30:00	69.4	7.93	324	7.94	10.4
7/16/2014	1:00:00	69.3	7.93	325	7.98	10.4
7/16/2014	1:30:00	69.3	7.93	323	7.96	10.3
7/16/2014	2:00:00	69.2	7.93	324	7.92	10.4
7/16/2014	2:30:00	69.1	7.93	324	7.94	10.4
7/16/2014	3:00:00	69.1	7.93	324	7.94	10.3
7/16/2014	3:30:00	69.1	7.93	327	7.95	10.3
7/16/2014	4:00:00	69	7.93	325	7.93	10.3
7/16/2014	4:30:00	69	7.93	327	7.93	10.3
7/16/2014	5:00:00	68.9	7.93	326	7.92	10.4
7/16/2014	5:30:00	68.8	7.92	326	7.92	10.4
7/16/2014	6:00:00	68.8	7.92	325	7.94	10.3
7/16/2014	6:30:00	68.7	7.93	324	7.95	10.3
7/16/2014	7:00:00	68.7	7.93	324	7.97	10.3
7/16/2014	7:30:00	68.8	7.95	324	8.1	10.3
7/16/2014	8:00:00	68.9	7.96	325	8.16	10.3

Water Quality Monitoring Data July 15-30, 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
7/16/2014	8:30:00	68.9	7.98	323	8.24	10.3
7/16/2014	9:00:00	69	7.99	324	8.29	10.3
7/16/2014	9:30:00	69.1	8	324	8.35	10.3
7/16/2014	10:00:00	69.4	8.02	323	8.42	10.3
7/16/2014	10:30:00	69.5	8.03	323	8.46	10.3
7/16/2014	11:00:00	69.6	8.03	323	8.47	10.3
7/16/2014	11:30:00	69.8	8.04	323	8.42	10.3
7/16/2014	12:00:00	70.3	8.12	322	8.77	10.3
7/16/2014	12:30:00	70.3	8.11	324	8.72	10.3
7/16/2014	13:00:00	70.5	8.14	324	8.9	10.3
7/16/2014	13:30:00	70.5	8.13	324	8.8	10.3
7/16/2014	14:00:00	70.4	8.13	324	8.72	10.3
7/16/2014	14:30:00	70.3	8.14	323	8.79	10.3
7/16/2014	15:00:00	70.3	8.15	323	8.87	10.3
7/16/2014	15:30:00	70.3	8.13	324	8.77	10.3
7/16/2014	16:00:00	70.2	8.12	325	8.69	10.3
7/16/2014	16:30:00	70.2	8.11	325	8.64	10.3
7/16/2014	17:00:00	70.1	8.11	325	8.64	10.3
7/16/2014	17:30:00	69.9	8.1	325	8.58	10.3
7/16/2014	18:00:00	69.8	8.08	326	8.48	10.3
7/16/2014	18:30:00	69.4	8.05	324	8.44	10.3
7/16/2014	19:00:00	69.1	8.04	326	8.55	10.3
7/16/2014	19:30:00	69	8.05	325	8.51	10.3
7/16/2014	20:00:00	69	8.05	325	8.49	10.3
7/16/2014	20:30:00	68.9	8.03	326	8.44	10.3
7/16/2014	21:00:00	68.7	8.02	325	8.39	10.3
7/16/2014	21:30:00	68.7	8.01	326	8.37	10.3
7/16/2014	22:00:00	68.6	8.01	325	8.4	10.3
7/16/2014	22:30:00	68.5	8	325	8.35	10.3
7/16/2014	23:00:00	68.5	8	326	8.36	10.3
7/16/2014	23:30:00	68.4	8	326	8.36	10.3
7/17/2014	0:00:00	68.3	8	325	8.38	10.3
7/17/2014	0:30:00	68.3	8	326	8.39	10.2
7/17/2014	1:00:00	68.3	8.01	325	8.46	10.3
7/17/2014	1:30:00	68.3	8.01	324	8.44	10.2
7/17/2014	2:00:00	68.2	8.02	325	8.47	10.2
7/17/2014	2:30:00	68.2	8.02	325	8.47	10.2
7/17/2014	3:00:00	68.2	8.02	324	8.46	10.2
7/17/2014	3:30:00	68.1	8.02	325	8.48	10.2
7/17/2014	4:00:00	68	8.02	325	8.44	10.3
7/17/2014	4:30:00	67.9	8.01	324	8.4	10.2
7/17/2014	5:00:00	67.8	8.01	325	8.38	10.2
7/17/2014	5:30:00	67.7	8	324	8.42	10.2
7/17/2014	6:00:00	67.7	8.01	324	8.42	10.2
7/17/2014	6:30:00	67.6	8.01	325	8.49	10.2
7/17/2014	7:00:00	67.6	8.02	324	8.52	10.2

Water Quality Monitoring Data July 15-30, 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
7/17/2014	7:30:00	67.6	8.03	325	8.56	10.2
7/17/2014	8:00:00	67.7	8.04	325	8.66	10.2
7/17/2014	8:30:00	67.9	8.07	324	8.77	10.2
7/17/2014	9:00:00	68	8.08	321	8.8	10.2
7/17/2014	9:30:00	68.6	8.15	324	9.05	10.2
7/17/2014	10:00:00	68.9	8.16	324	9.08	10.2
7/17/2014	10:30:00	69.1	8.17	324	9.08	10.2
7/17/2014	11:00:00	69.4	8.17	324	9.1	10.2
7/17/2014	11:30:00	69.7	8.19	324	9.06	10.2
7/17/2014	12:00:00	69.9	8.19	325	9.1	10.2
7/17/2014	12:30:00	70	8.19	324	9.1	10.2
7/17/2014	13:00:00	70.2	8.18	325	8.99	10.2
7/17/2014	13:30:00	70.3	8.19	325	9.01	10.2
7/17/2014	14:00:00	70.5	8.19	325	8.93	10.2
7/17/2014	14:30:00	70.6	8.19	325	8.88	10.2
7/17/2014	15:00:00	70.5	8.17	325	8.84	10.2
7/17/2014	15:30:00	70.4	8.15	325	8.74	10.2
7/17/2014	16:00:00	70.3	8.14	325	8.71	10.2
7/17/2014	16:30:00	70.2	8.12	325	8.57	10.2
7/17/2014	17:00:00	70.2	8.11	326	8.52	10.2
7/17/2014	17:30:00	70.1	8.1	325	8.51	10.2
7/17/2014	18:00:00	70.1	8.08	323	8.58	10.2
7/17/2014	18:30:00	69.8	8.09	326	8.67	10.2
7/17/2014	19:00:00	69.8	8.1	325	8.72	10.2
7/17/2014	19:30:00	69.9	8.11	324	8.68	10.2
7/17/2014	20:00:00	69.7	8.1	325	8.67	10.2
7/17/2014	20:30:00	69.5	8.08	324	8.65	10.2
7/17/2014	21:00:00	69.3	8.07	325	8.62	10.2
7/17/2014	21:30:00	69.1	8.06	325	8.58	10.2
7/17/2014	22:00:00	68.9	8.05	324	8.59	10.2
7/17/2014	22:30:00	68.7	8.04	324	8.56	10.2
7/17/2014	23:00:00	68.6	8.03	325	8.55	10.2
7/17/2014	23:30:00	68.5	8.02	324	8.55	10.2
7/18/2014	0:00:00	68.5	8.02	324	8.55	10.2
7/18/2014	0:30:00	68.4	8.02	324	8.53	10.2
7/18/2014	1:00:00	68.3	8.01	325	8.53	10.2
7/18/2014	1:30:00	68.2	8.01	324	8.53	10.2
7/18/2014	2:00:00	68.2	8.01	324	8.55	10.2
7/18/2014	2:30:00	68.1	8.01	324	8.51	10.2
7/18/2014	3:00:00	68.1	8.01	324	8.51	10.2
7/18/2014	3:30:00	68	8.01	323	8.56	10.2
7/18/2014	4:00:00	68	8.01	324	8.54	10.2
7/18/2014	4:30:00	68	8.01	323	8.57	10.1
7/18/2014	5:00:00	68	8.01	325	8.6	10.2
7/18/2014	5:30:00	68	8.01	325	8.53	10.1
7/18/2014	6:00:00	67.9	8.01	325	8.58	10.1

Water Quality Monitoring Data July 15-30, 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
7/18/2014	6:30:00	67.9	8.01	324	8.6	10.1
7/18/2014	7:00:00	67.6	8.03	324	8.65	10.1
7/18/2014	7:30:00	67.7	8.04	324	8.79	10.1
7/18/2014	8:00:00	67.9	8.06	325	8.86	10.1
7/18/2014	8:30:00	68.1	8.07	324	8.99	10.1
7/18/2014	9:00:00	68.4	8.09	325	9.1	10.1
7/18/2014	9:30:00	68.7	8.11	325	9.16	10.1
7/18/2014	10:00:00	69	8.13	324	9.18	10.1
7/18/2014	10:30:00	69.3	8.15	323	9.25	10.1
7/18/2014	11:00:00	69.5	8.16	324	9.25	10.1
7/18/2014	11:30:00	69.7	8.17	324	9.24	10.1
7/18/2014	12:00:00	69.9	8.18	323	9.24	10.1
7/18/2014	12:30:00	70.1	8.19	323	9.33	10.1
7/18/2014	13:00:00	70.1	8.19	323	9.21	10.1
7/18/2014	13:30:00	70.2	8.19	323	9.21	10.1
7/18/2014	14:00:00	70.2	8.19	323	9.17	10.1
7/18/2014	14:30:00	70.1	8.19	323	9.11	10.1
7/18/2014	15:00:00	70.1	8.19	322	9.16	10.1
7/18/2014	15:30:00	69.9	8.17	323	8.99	10.1
7/18/2014	16:00:00	69.7	8.17	323	9.03	10.1
7/18/2014	16:30:00	69.5	8.15	323	8.94	10.1
7/18/2014	17:00:00	69.3	8.13	323	8.84	10.1
7/18/2014	17:30:00	68.6	8.07	325	8.63	10.1
7/18/2014	18:00:00	68	8.04	324	8.58	10.1
7/18/2014	18:30:00	67.7	8.03	324	8.53	10.1
7/18/2014	19:00:00	67.7	8.02	325	8.49	10.1
7/18/2014	19:30:00	67.6	8.02	322	8.45	10.1
7/18/2014	20:00:00	67.5	8.01	322	8.42	10.1
7/18/2014	20:30:00	67.5	8	323	8.37	10.1
7/18/2014	21:00:00	67.6	8	322	8.38	10.1
7/18/2014	21:30:00	67.7	8	323	8.37	10.1
7/18/2014	22:00:00	68	8.01	322	8.38	10.1
7/18/2014	22:30:00	68.2	8.02	323	8.43	10.1
7/18/2014	23:00:00	68.4	8.04	324	8.51	10.1
7/18/2014	23:30:00	68.7	8.06	323	8.49	10.1
7/19/2014	0:00:00	68.9	8.06	324	8.51	10.1
7/19/2014	0:30:00	69	8.07	324	8.51	10.1
7/19/2014	1:00:00	69	8.07	322	8.5	10.1
7/19/2014	1:30:00	69.1	8.07	324	8.5	10.1
7/19/2014	2:00:00	69.1	8.06	323	8.49	10.1
7/19/2014	2:30:00	69.1	8.06	322	8.49	10.1
7/19/2014	3:00:00	69.1	8.05	323	8.42	10.1
7/19/2014	3:30:00	69.1	8.05	323	8.45	10.1
7/19/2014	4:00:00	69.1	8.05	323	8.43	10.1
7/19/2014	4:30:00	69	8.05	323	8.43	10.1
7/19/2014	5:00:00	69.1	8.05	324	8.45	10.1

Water Quality Monitoring Data July 15-30, 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
7/19/2014	5:30:00	69	8.05	324	8.41	10.1
7/19/2014	6:00:00	68.9	8.04	324	8.33	10.1
7/19/2014	6:30:00	68.8	8.05	324	8.52	10.1
7/19/2014	7:00:00	68.8	8.05	324	8.5	10.1
7/19/2014	7:30:00	68.8	8.06	324	8.62	10.1
7/19/2014	8:00:00	68.9	8.07	323	8.7	10.1
7/19/2014	8:30:00	69.3	8.1	323	8.87	10.1
7/19/2014	9:00:00	69.4	8.12	323	8.93	10.1
7/19/2014	9:30:00	69.7	8.13	323	8.99	10.1
7/19/2014	10:00:00	70.1	8.15	323	9.07	10.1
7/19/2014	10:30:00	70.1	8.15	322	9	10.1
7/19/2014	11:00:00	70.5	8.17	323	9.12	10.1
7/19/2014	11:30:00	70.7	8.19	323	9.14	10.1
7/19/2014	12:00:00	70.9	8.19	323	9.17	10.1
7/19/2014	12:30:00	71	8.2	322	9.14	10.1
7/19/2014	13:00:00	71.2	8.2	323	9.14	10.1
7/19/2014	13:30:00	71.2	8.2	322	9.1	10.1
7/19/2014	14:00:00	71.2	8.2	323	9.04	10.1
7/19/2014	14:30:00	71	8.17	323	8.88	10.1
7/19/2014	15:00:00	71.1	8.17	323	8.85	10.1
7/19/2014	15:30:00	71.2	8.17	323	8.95	10.1
7/19/2014	16:00:00	71.1	8.13	323	8.73	10.1
7/19/2014	16:30:00	71.1	8.15	324	8.78	10.1
7/19/2014	17:00:00	71.2	8.17	325	8.86	10.1
7/19/2014	17:30:00	71.1	8.16	325	8.8	10.1
7/19/2014	18:00:00	71	8.15	324	8.74	10.1
7/19/2014	18:30:00	71	8.13	326	8.68	10.1
7/19/2014	19:00:00	71	8.13	325	8.64	10.1
7/19/2014	19:30:00	70.9	8.11	326	8.59	10.1
7/19/2014	20:00:00	70.8	8.1	324	8.52	10.1
7/19/2014	20:30:00	70.6	8.08	325	8.47	10.1
7/19/2014	21:00:00	70.5	8.05	327	8.41	10.1
7/19/2014	21:30:00	70.4	8.04	325	8.36	10.1
7/19/2014	22:00:00	70.3	8.03	325	8.34	10.1
7/19/2014	22:30:00	70.3	8.02	326	8.34	10.1
7/19/2014	23:00:00	70.3	8.03	325	8.32	10.1
7/19/2014	23:30:00	70.4	8.03	324	8.33	10.1
7/20/2014	0:00:00	70.4	8.03	325	8.34	10.1
7/20/2014	0:30:00	70.4	8.02	325	8.29	10.1
7/20/2014	1:00:00	70.3	8.01	324	8.28	10.1
7/20/2014	1:30:00	70.3	8.01	324	8.26	10.1
7/20/2014	2:00:00	70.3	8.01	325	8.27	10.1
7/20/2014	2:30:00	70.3	8.01	325	8.26	10.1
7/20/2014	3:00:00	70.3	8.01	326	8.27	10.1
7/20/2014	3:30:00	70.3	8.01	325	8.27	10.1
7/20/2014	4:00:00	70.3	8.01	325	8.23	10.1

Water Quality Monitoring Data July 15-30, 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
7/20/2014	4:30:00	70.3	8	325	8.23	10.1
7/20/2014	5:00:00	70.2	8	325	8.23	10.1
7/20/2014	5:30:00	70.2	8	326	8.23	10.1
7/20/2014	6:00:00	70.2	8.01	324	8.25	10.1
7/20/2014	6:30:00	70.1	8.01	325	8.29	10.1
7/20/2014	7:00:00	70.1	8.03	324	8.46	10.1
7/20/2014	7:30:00	70.1	8.04	325	8.51	10.1
7/20/2014	8:00:00	70.3	8.04	325	8.55	10.1
7/20/2014	8:30:00	70.4	8.06	324	8.68	10.1
7/20/2014	9:00:00	70.7	8.09	325	8.77	10.1
7/20/2014	9:30:00	70.9	8.1	324	8.83	10.1
7/20/2014	10:00:00	71	8.11	324	8.8	10.1
7/20/2014	10:30:00	71.3	8.12	325	8.91	10.1
7/20/2014	11:00:00	71.6	8.14	324	8.93	10.1
7/20/2014	11:30:00	71.8	8.14	325	8.94	10.1
7/20/2014	12:00:00	71.9	8.15	325	8.94	10.1
7/20/2014	12:30:00	72	8.15	325	8.94	10.1
7/20/2014	13:00:00	72	8.14	325	8.82	10.1
7/20/2014	13:30:00	72.3	8.14	326	8.84	10.1
7/20/2014	14:00:00	72.4	8.14	325	8.81	10.1
7/20/2014	14:30:00	72.4	8.13	326	8.72	10.1
7/20/2014	15:00:00	72.5	8.13	326	8.68	10.1
7/20/2014	15:30:00	72.3	8.12	326	8.64	10.1
7/20/2014	16:00:00	72.3	8.11	325	8.59	10.1
7/20/2014	16:30:00	72.3	8.1	326	8.51	10.1
7/20/2014	17:00:00	72.2	8.08	326	8.46	10.1
7/20/2014	17:30:00	72.1	8.05	326	8.3	10.1
7/20/2014	18:00:00	71.9	8.05	327	8.36	10.1
7/20/2014	18:30:00	71.7	8.05	327	8.3	10.1
7/20/2014	19:00:00	71.6	8.04	327	8.27	10.1
7/20/2014	19:30:00	71.5	8.03	328	8.24	10.1
7/20/2014	20:00:00	71.6	8.02	326	8.22	10.1
7/20/2014	20:30:00	71.5	8.02	326	8.17	10.1
7/20/2014	21:00:00	71.5	8.01	327	8.13	10.1
7/20/2014	21:30:00	71.6	8.01	327	8.17	10.1
7/20/2014	22:00:00	71.6	8.01	327	8.12	10.1
7/20/2014	22:30:00	71.6	8.01	328	8.16	10.1
7/20/2014	23:00:00	71.6	8.01	327	8.17	10.1
7/20/2014	23:30:00	71.6	8	330	8.16	10.1
7/21/2014	0:00:00	71.5	8	329	8.14	10.1
7/21/2014	0:30:00	71.5	8	331	8.15	10.1
7/21/2014	1:00:00	71.5	8	328	8.18	10.1
7/21/2014	1:30:00	71.5	8	327	8.17	10.1
7/21/2014	2:00:00	71.5	8	327	8.17	10.1
7/21/2014	2:30:00	71.5	8	327	8.15	10.1
7/21/2014	3:00:00	71.5	8	328	8.15	10.1

Water Quality Monitoring Data July 15-30, 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
7/21/2014	3:30:00	71.4	8	329	8.11	10.1
7/21/2014	4:00:00	71.4	8	328	8.16	10.1
7/21/2014	4:30:00	71.4	8	329	8.17	10.1
7/21/2014	5:00:00	71.4	7.99	329	8.11	10.1
7/21/2014	5:30:00	71.4	7.99	328	8.1	10.1
7/21/2014	6:00:00	71.3	7.99	329	8.14	10.1
7/21/2014	6:30:00	71.3	7.99	328	8.17	10.1
7/21/2014	7:00:00	71.3	8	327	8.17	10.1
7/21/2014	7:30:00	71.4	8	329	8.27	10
7/21/2014	8:00:00	71.5	8.02	327	8.35	10.1
7/21/2014	8:30:00	71.7	8.04	329	8.49	10.1
7/21/2014	9:00:00	71.8	8.06	328	8.46	10.1
7/21/2014	9:30:00	72	8.08	329	8.6	10
7/21/2014	10:00:00	72.1	8.08	329	8.58	10
7/21/2014	10:30:00	72.4	8.1	330	8.63	10.1
7/21/2014	11:00:00	72.6	8.1	330	8.57	10
7/21/2014	11:30:00	72.9	8.12	331	8.61	10.1
7/21/2014	12:00:00	73.1	8.13	331	8.63	10
7/21/2014	12:30:00	73.2	8.14	327	8.62	10
7/21/2014	13:00:00	73.4	8.15	328	8.6	10.1
7/21/2014	13:30:00	73.7	8.16	328	8.62	10
7/21/2014	14:00:00	74.3	8.26	327	8.93	10.1
7/21/2014	14:30:00	74.3	8.22	327	8.7	10.1
7/21/2014	15:00:00	74.4	8.21	328	8.64	10.1
7/21/2014	15:30:00	74.5	8.2	328	8.63	10.1
7/21/2014	16:00:00	74.6	8.19	328	8.55	10.1
7/21/2014	16:30:00	74.7	8.18	328	8.53	10.1
7/21/2014	17:00:00	74.8	8.19	327	8.5	10.1
7/21/2014	17:30:00	74.7	8.17	326	8.38	10
7/21/2014	18:00:00	74.6	8.15	326	8.32	10.1
7/21/2014	18:30:00	74.5	8.12	328	8.23	10.1
7/21/2014	19:00:00	74.4	8.1	327	8.16	10.1
7/21/2014	19:30:00	74.3	8.07	327	8.02	10.1
7/21/2014	20:00:00	74.1	8.04	328	7.98	10.1
7/21/2014	20:30:00	74	8.02	328	7.88	10.1
7/21/2014	21:00:00	73.8	8	328	7.83	10.1
7/21/2014	21:30:00	73.7	7.99	328	7.8	10
7/21/2014	22:00:00	73.6	7.97	329	7.77	10
7/21/2014	22:30:00	73.5	7.96	330	7.78	10
7/21/2014	23:00:00	73.6	7.94	344	7.73	10
7/21/2014	23:30:00	73.1	7.97	325	8.03	10.1
7/22/2014	0:00:00	72.9	7.96	325	8	10
7/22/2014	0:30:00	72.8	7.96	326	7.9	10
7/22/2014	1:00:00	72.9	7.96	325	7.91	10
7/22/2014	1:30:00	73	7.98	325	7.79	10
7/22/2014	2:00:00	73.1	7.99	325	7.82	10

Water Quality Monitoring Data July 15-30, 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
7/22/2014	2:30:00	73.1	8	324	7.85	10
7/22/2014	3:00:00	73.2	8	324	7.83	10
7/22/2014	3:30:00	73.1	8	324	7.83	10
7/22/2014	4:00:00	73.1	7.99	324	7.82	10
7/22/2014	4:30:00	73.1	7.99	324	7.8	10
7/22/2014	5:00:00	73.1	7.99	324	7.8	10
7/22/2014	5:30:00	73.1	7.99	325	7.83	10
7/22/2014	6:00:00	73	7.98	325	7.79	10
7/22/2014	6:30:00	73	7.99	324	7.81	10
7/22/2014	7:00:00	73.1	8	325	7.85	10
7/22/2014	7:30:00	73.1	8	325	7.88	10
7/22/2014	8:00:00	73.2	8.02	324	8.02	10
7/22/2014	8:30:00	73.3	8.03	324	8.05	10
7/22/2014	9:00:00	73.4	8.04	325	7.98	10
7/22/2014	9:30:00	73.5	8.03	325	7.93	10
7/22/2014	10:00:00	73.6	8.04	330	8.25	10
7/22/2014	10:30:00	73.8	8.07	331	8.36	10
7/22/2014	11:00:00	74.2	8.09	329	8.47	10
7/22/2014	11:30:00	74.3	8.09	332	8.32	10
7/22/2014	12:00:00	74.4	8.1	329	8.36	10
7/22/2014	12:30:00	74.8	8.13	330	8.44	10
7/22/2014	13:00:00	75.2	8.15	331	8.41	10
7/22/2014	13:30:00	75.9	8.3	1	8.31	10
7/22/2014	14:00:00	76	8.19	325	8.25	10
7/22/2014	14:30:00	76.7	8.01	1	8.17	9.8
7/22/2014	15:00:00	81.2	6.96	6174	7.87	11.7
7/22/2014	15:30:00	76.7	8.15	324	8.12	11.7
7/22/2014	16:00:00	76.9	8.18	325	8.07	11.7
7/22/2014	16:30:00	77.1	8.2	324	8.15	11.7
7/22/2014	17:00:00	77.3	8.23	324	8.12	11.7
7/22/2014	17:30:00	77.2	8.22	325	8.05	11.7
7/22/2014	18:00:00	77	8.21	325	7.98	11.7
7/22/2014	18:30:00	76.9	8.21	325	8.03	11.7
7/22/2014	19:00:00	76.7	8.19	325	7.96	11.7
7/22/2014	19:30:00	76.6	8.18	325	7.91	11.7
7/22/2014	20:00:00	76.6	8.18	325	7.93	11.7
7/22/2014	20:30:00	76.4	8.17	325	7.86	11.6
7/22/2014	21:00:00	76.2	8.16	326	7.84	11.7
7/22/2014	21:30:00	76	8.15	326	7.78	11.6
7/22/2014	22:00:00	75.9	8.14	326	7.78	11.6
7/22/2014	22:30:00	75.8	8.14	326	7.77	11.6
7/22/2014	23:00:00	75.7	8.13	326	7.77	11.6
7/22/2014	23:30:00	75.4	8.12	326	7.74	11.6
7/23/2014	0:00:00	75.2	8.1	326	7.66	11.6
7/23/2014	0:30:00	75.1	8.09	326	7.71	11.6
7/23/2014	1:00:00	75	8.08	326	7.72	11.6

Water Quality Monitoring Data July 15-30, 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
7/23/2014	1:30:00	74.9	8.07	326	7.72	11.6
7/23/2014	2:00:00	74.7	8.07	326	7.72	11.5
7/23/2014	2:30:00	74.6	8.06	326	7.75	11.6
7/23/2014	3:00:00	74.5	8.05	326	7.72	11.6
7/23/2014	3:30:00	74.5	8.05	326	7.72	11.5
7/23/2014	4:00:00	74.4	8.05	326	7.72	11.5
7/23/2014	4:30:00	74.4	8.05	326	7.67	11.5
7/23/2014	5:00:00	74.3	8.05	326	7.68	11.5
7/23/2014	5:30:00	74.3	8.04	326	7.7	11.5
7/23/2014	6:00:00	74.2	8.04	326	7.72	11.5
7/23/2014	6:30:00	74.1	8.04	326	7.76	11.5
7/23/2014	7:00:00	74.1	8.04	325	7.77	11.5
7/23/2014	7:30:00	74.1	8.07	325	7.94	11.4
7/23/2014	8:00:00	74.2	8.09	325	8.01	11.4
7/23/2014	8:30:00	74.4	8.12	325	8.13	11.4
7/23/2014	9:00:00	74.6	8.14	325	8.25	11.4
7/23/2014	9:30:00	74.8	8.16	325	8.32	11.4
7/23/2014	10:00:00	75.1	8.18	325	8.35	11.4
7/23/2014	10:30:00	75.3	8.19	325	8.37	11.4
7/23/2014	11:00:00	75.5	8.21	325	8.4	11.4
7/23/2014	11:30:00	75.6	8.21	325	8.4	11.4
7/23/2014	12:00:00	75.8	8.22	324	8.42	11.4
7/23/2014	12:30:00	75.9	8.23	324	8.39	11.4
7/23/2014	13:00:00	76	8.22	325	8.34	11.4
7/23/2014	13:30:00	76.1	8.23	324	8.36	11.4
7/23/2014	14:00:00	75.9	8.21	325	8.24	11.4
7/23/2014	14:30:00	76	8.22	325	8.31	11.4
7/23/2014	15:00:00	76	8.22	325	8.3	11.4
7/23/2014	15:30:00	75.9	8.21	325	8.24	11.4
7/23/2014	16:00:00	75.9	8.18	325	8.13	11.4
7/23/2014	16:30:00	75.9	8.18	325	8.11	11.4
7/23/2014	17:00:00	75.8	8.16	325	8	11.4
7/23/2014	17:30:00	75.7	8.16	326	8.04	11.4
7/23/2014	18:00:00	75.6	8.14	325	7.95	11.4
7/23/2014	18:30:00	75.4	8.13	326	7.88	11.4
7/23/2014	19:00:00	75.3	8.11	326	7.87	11.4
7/23/2014	19:30:00	75.2	8.1	326	7.83	11.4
7/23/2014	20:00:00	75.1	8.08	326	7.78	11.4
7/23/2014	20:30:00	74.9	8.06	327	7.74	11.4
7/23/2014	21:00:00	74.7	8.03	327	7.7	11.4
7/23/2014	21:30:00	74.5	8.01	327	7.67	11.4
7/23/2014	22:00:00	74.4	8.01	327	7.67	11.4
7/23/2014	22:30:00	74.3	8	327	7.64	11.4
7/23/2014	23:00:00	74.3	7.99	327	7.6	11.4
7/23/2014	23:30:00	74.3	7.99	327	7.62	11.4
7/24/2014	0:00:00	74.2	7.99	327	7.63	11.4

Water Quality Monitoring Data July 15-30, 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
7/24/2014	0:30:00	74.2	7.99	327	7.65	11.4
7/24/2014	1:00:00	74.2	7.99	327	7.64	11.4
7/24/2014	1:30:00	74.2	7.99	327	7.64	11.4
7/24/2014	2:00:00	74.1	7.99	327	7.64	11.4
7/24/2014	2:30:00	74.1	7.99	326	7.64	11.4
7/24/2014	3:00:00	74	7.99	326	7.65	11.4
7/24/2014	3:30:00	74	7.99	326	7.65	11.4
7/24/2014	4:00:00	73.9	7.99	326	7.65	11.3
7/24/2014	4:30:00	73.9	7.99	326	7.66	11.4
7/24/2014	5:00:00	73.8	7.99	326	7.63	11.3
7/24/2014	5:30:00	73.8	7.98	326	7.62	11.3
7/24/2014	6:00:00	73.7	7.98	327	7.69	11.3
7/24/2014	6:30:00	73.7	7.99	327	7.69	11.3
7/24/2014	7:00:00	73.7	8	326	7.78	11.3
7/24/2014	7:30:00	73.8	8.01	325	7.84	11.3
7/24/2014	8:00:00	74	8.03	320	7.96	11.3
7/24/2014	8:30:00	74.3	8.06	325	8.07	11.3
7/24/2014	9:00:00	74.5	8.08	326	8.1	11.3
7/24/2014	9:30:00	74.8	8.1	326	8.22	11.3
7/24/2014	10:00:00	75.1	8.12	323	8.25	11.3
7/24/2014	10:30:00	75.3	8.13	325	8.28	11.3
7/24/2014	11:00:00	75.3	8.12	326	8.13	11.3
7/24/2014	11:30:00	75.4	8.14	326	8.16	11.3
7/24/2014	12:00:00	75.8	8.14	326	8.27	11.3
7/24/2014	12:30:00	75.8	8.14	325	8.2	11.3
7/24/2014	13:00:00	76	8.15	324	8.15	11.3
7/24/2014	13:30:00	76.3	8.16	326	8.25	11.3
7/24/2014	14:00:00	76.5	8.16	326	8.16	11.3
7/24/2014	14:30:00	76.5	8.16	324	8.17	11.3
7/24/2014	15:00:00	76.6	8.15	326	8.07	11.3
7/24/2014	15:30:00	76.5	8.14	326	7.94	11.3
7/24/2014	16:00:00	76.5	8.13	327	7.93	11.2
7/24/2014	16:30:00	76.4	8.12	327	7.88	11.3
7/24/2014	17:00:00	76.3	8.1	327	7.83	11.3
7/24/2014	17:30:00	76.2	8.09	327	7.82	11.2
7/24/2014	18:00:00	76.1	8.07	327	7.7	11.2
7/24/2014	18:30:00	76	8.06	327	7.71	11.2
7/24/2014	19:00:00	75.9	8.05	328	7.65	11.2
7/24/2014	19:30:00	75.8	8.04	328	7.63	11.2
7/24/2014	20:00:00	75.5	8.03	328	7.58	11.2
7/24/2014	20:30:00	75.3	8.01	328	7.51	11.2
7/24/2014	21:00:00	75.1	8	328	7.5	11.2
7/24/2014	21:30:00	75	7.99	328	7.52	11.2
7/24/2014	22:00:00	74.8	7.99	328	7.5	11.2
7/24/2014	22:30:00	74.6	7.98	328	7.51	11.2
7/24/2014	23:00:00	74.4	7.98	328	7.53	11.2

Water Quality Monitoring Data July 15-30, 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
7/24/2014	23:30:00	74.2	7.98	328	7.52	11.2
7/25/2014	0:00:00	74	7.97	328	7.53	11.2
7/25/2014	0:30:00	73.9	7.96	328	7.54	11.2
7/25/2014	1:00:00	73.8	7.96	328	7.51	11.2
7/25/2014	1:30:00	73.8	7.96	328	7.52	11.2
7/25/2014	2:00:00	73.7	7.95	328	7.48	11.2
7/25/2014	2:30:00	73.7	7.96	328	7.54	11.2
7/25/2014	3:00:00	73.6	7.95	328	7.47	11.2
7/25/2014	3:30:00	73.6	7.95	328	7.49	11.2
7/25/2014	4:00:00	73.6	7.95	328	7.47	11.2
7/25/2014	4:30:00	73.5	7.95	328	7.49	11.1
7/25/2014	5:00:00	73.5	7.95	328	7.51	11.1
7/25/2014	5:30:00	73.5	7.96	328	7.48	11.1
7/25/2014	6:00:00	73.5	7.96	328	7.52	11.2
7/25/2014	6:30:00	73.6	7.97	328	7.57	11.1
7/25/2014	7:00:00	73.6	7.99	328	7.66	11.1
7/25/2014	7:30:00	73.7	8.01	327	7.8	11.1
7/25/2014	8:00:00	73.8	8.03	328	7.8	11.1
7/25/2014	8:30:00	73.8	8.04	327	7.88	11.1
7/25/2014	9:00:00	73.9	8.05	327	7.9	11.1
7/25/2014	9:30:00	74	8.06	327	7.92	11.1
7/25/2014	10:00:00	74.1	8.08	327	7.98	11.1
7/25/2014	10:30:00	74.1	8.09	327	8.01	11.1
7/25/2014	11:00:00	74.1	8.1	327	7.97	11.1
7/25/2014	11:30:00	74.1	8.09	327	8.02	11.1
7/25/2014	12:00:00	74.2	8.1	327	8.02	11.1
7/25/2014	12:30:00	74.2	8.1	327	8.01	11.1
7/25/2014	13:00:00	74.4	8.13	327	8.21	11.1
7/25/2014	13:30:00	74.5	8.13	328	8.18	11.1
7/25/2014	14:00:00	74.6	8.13	328	8.17	11.1
7/25/2014	14:30:00	74.6	8.13	328	8.05	11.1
7/25/2014	15:00:00	74.6	8.12	328	8.11	11.1
7/25/2014	15:30:00	74.6	8.12	328	8.14	11.1
7/25/2014	16:00:00	74.5	8.11	328	8.03	11.1
7/25/2014	16:30:00	74.4	8.08	328	7.83	11.1
7/25/2014	17:00:00	74.2	8.06	328	7.8	11.1
7/25/2014	17:30:00	74.1	8.05	329	7.74	11.1
7/25/2014	18:00:00	74	8.04	329	7.76	11.1
7/25/2014	18:30:00	73.9	8.03	329	7.78	11.1
7/25/2014	19:00:00	73.9	8.02	328	7.67	11.1
7/25/2014	19:30:00	73.8	8.01	329	7.63	11.1
7/25/2014	20:00:00	73.8	8.01	329	7.6	11.1
7/25/2014	20:30:00	73.7	8.01	328	7.6	11.1
7/25/2014	21:00:00	73.6	8	329	7.57	11.1
7/25/2014	21:30:00	73.5	8	329	7.55	11.1
7/25/2014	22:00:00	73.5	7.99	328	7.58	11.1

Water Quality Monitoring Data July 15-30, 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
7/25/2014	22:30:00	73.4	7.99	329	7.59	11.1
7/25/2014	23:00:00	73.3	7.98	329	7.57	11.1
7/25/2014	23:30:00	73.2	7.98	329	7.57	11.1
7/26/2014	0:00:00	73.2	7.98	329	7.56	11.1
7/26/2014	0:30:00	73.1	7.97	329	7.54	11.1
7/26/2014	1:00:00	73.1	7.97	329	7.56	11.1
7/26/2014	1:30:00	73	7.97	329	7.53	11.1
7/26/2014	2:00:00	73	7.97	329	7.54	11.1
7/26/2014	2:30:00	73	7.97	329	7.55	11.1
7/26/2014	3:00:00	73	7.96	329	7.53	11.1
7/26/2014	3:30:00	73	7.97	329	7.55	11.1
7/26/2014	4:00:00	72.9	7.96	329	7.52	11.1
7/26/2014	4:30:00	72.9	7.97	329	7.5	11.1
7/26/2014	5:00:00	72.9	7.96	329	7.52	11.1
7/26/2014	5:30:00	72.9	7.97	329	7.52	11.1
7/26/2014	6:00:00	72.9	7.97	329	7.53	11.1
7/26/2014	6:30:00	72.9	7.96	329	7.54	11.1
7/26/2014	7:00:00	72.9	7.98	328	7.66	11.1
7/26/2014	7:30:00	72.9	7.99	328	7.8	11.1
7/26/2014	8:00:00	73	8.01	328	7.85	11.1
7/26/2014	8:30:00	73	8.01	328	7.81	11.1
7/26/2014	9:00:00	73.1	8.02	328	7.86	11.1
7/26/2014	9:30:00	73.2	8.05	328	8.01	11.1
7/26/2014	10:00:00	73.3	8.07	328	8.03	11.1
7/26/2014	10:30:00	73.3	8.06	328	7.93	11.1
7/26/2014	11:00:00	73.5	8.08	328	8.07	11.1
7/26/2014	11:30:00	73.8	8.1	328	8.23	11.1
7/26/2014	12:00:00	73.7	8.09	328	8.03	11.1
7/26/2014	12:30:00	74	8.11	328	8.15	11.1
7/26/2014	13:00:00	74.3	8.14	328	8.19	11.1
7/26/2014	13:30:00	74.5	8.14	328	8.2	11.1
7/26/2014	14:00:00	74.7	8.14	328	8.13	11.1
7/26/2014	14:30:00	74.8	8.15	328	8.12	11.1
7/26/2014	15:00:00	75	8.16	328	8.16	11.1
7/26/2014	15:30:00	75.1	8.16	328	8.12	11.1
7/26/2014	16:00:00	75.2	8.16	328	8.06	11.1
7/26/2014	16:30:00	75.2	8.14	328	8.01	11.1
7/26/2014	17:00:00	75.1	8.12	328	7.93	11.1
7/26/2014	17:30:00	75.1	8.09	329	7.8	11.1
7/26/2014	18:00:00	75	8.09	329	7.72	11.1
7/26/2014	18:30:00	74.9	8.07	329	7.71	11.1
7/26/2014	19:00:00	74.8	8.07	329	7.7	11.1
7/26/2014	19:30:00	74.7	8.06	329	7.67	11.1
7/26/2014	20:00:00	74.6	8.05	329	7.6	11.1
7/26/2014	20:30:00	74.5	8.03	329	7.57	11.1
7/26/2014	21:00:00	74.4	8.02	329	7.53	11.1

Water Quality Monitoring Data July 15-30, 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
7/26/2014	21:30:00	74.3	8	330	7.51	11.1
7/26/2014	22:00:00	74	7.99	330	7.49	11.1
7/26/2014	22:30:00	73.9	7.98	330	7.48	11.1
7/26/2014	23:00:00	73.7	7.97	330	7.47	11.1
7/26/2014	23:30:00	73.6	7.97	330	7.47	11.1
7/27/2014	0:00:00	73.5	7.97	329	7.45	11.1
7/27/2014	0:30:00	73.4	7.97	330	7.47	11.1
7/27/2014	1:00:00	73.4	7.96	330	7.47	11.1
7/27/2014	1:30:00	73.4	7.96	330	7.44	11.1
7/27/2014	2:00:00	73.4	7.96	330	7.47	11.1
7/27/2014	2:30:00	73.3	7.96	330	7.44	11.1
7/27/2014	3:00:00	73.3	7.96	330	7.46	11.1
7/27/2014	3:30:00	73.2	7.95	330	7.42	11.1
7/27/2014	4:00:00	73.1	7.94	330	7.43	11.1
7/27/2014	4:30:00	73	7.94	330	7.43	11.1
7/27/2014	5:00:00	72.9	7.94	327	7.43	11
7/27/2014	5:30:00	72.8	7.94	327	7.44	11.1
7/27/2014	6:00:00	72.8	7.94	326	7.46	11
7/27/2014	6:30:00	72.8	7.95	326	7.51	11
7/27/2014	7:00:00	72.8	7.96	326	7.58	11
7/27/2014	7:30:00	72.9	7.98	326	7.64	11.1
7/27/2014	8:00:00	73	8.01	326	7.77	11
7/27/2014	8:30:00	73.3	8.04	329	7.95	11
7/27/2014	9:00:00	73.6	8.06	329	8.05	11
7/27/2014	9:30:00	73.6	8.07	329	7.98	11
7/27/2014	10:00:00	73.7	8.08	329	7.96	11
7/27/2014	10:30:00	73.9	8.11	329	8.19	11
7/27/2014	11:00:00	74.2	8.13	329	8.24	11
7/27/2014	11:30:00	74.2	8.12	329	8.09	11
7/27/2014	12:00:00	74	8.1	329	7.87	11
7/27/2014	12:30:00	73.8	8.08	329	7.75	11
7/27/2014	13:00:00	73.7	8.07	329	7.79	11
7/27/2014	13:30:00	73.6	8.06	329	7.77	11
7/27/2014	14:00:00	73.5	8.05	329	7.79	11
7/27/2014	14:30:00	73.3	8.04	329	7.74	11
7/27/2014	15:00:00	73.2	8.03	329	7.78	11
7/27/2014	15:30:00	73.2	8.06	328	7.99	11
7/27/2014	16:00:00	73.2	8.06	329	8	11
7/27/2014	16:30:00	73.2	8.07	329	8.01	11
7/27/2014	17:00:00	73.1	8.06	329	7.93	11
7/27/2014	17:30:00	73.2	8.07	329	7.97	11
7/27/2014	18:00:00	73.1	8.06	329	7.91	11
7/27/2014	18:30:00	73	8.06	329	7.86	11
7/27/2014	19:00:00	72.9	8.05	329	7.82	11
7/27/2014	19:30:00	72.8	8.05	329	7.82	11
7/27/2014	20:00:00	72.7	8.04	329	7.79	11

Water Quality Monitoring Data July 15-30, 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
7/27/2014	20:30:00	72.6	8.03	329	7.75	11
7/27/2014	21:00:00	72.5	8.02	329	7.75	11
7/27/2014	21:30:00	72.4	8.01	329	7.71	11
7/27/2014	22:00:00	72.3	8	329	7.67	11
7/27/2014	22:30:00	72.2	7.99	329	7.65	11
7/27/2014	23:00:00	72.1	7.99	329	7.7	11
7/27/2014	23:30:00	71.9	7.99	329	7.68	11
7/28/2014	0:00:00	71.8	7.98	329	7.69	11
7/28/2014	0:30:00	71.7	7.98	329	7.71	11
7/28/2014	1:00:00	71.5	7.98	330	7.71	11
7/28/2014	1:30:00	71.4	7.98	329	7.71	11
7/28/2014	2:00:00	71.3	7.99	329	7.71	11
7/28/2014	2:30:00	71.3	7.99	330	7.75	11
7/28/2014	3:00:00	71.2	7.99	329	7.75	11
7/28/2014	3:30:00	71.1	7.99	329	7.76	11
7/28/2014	4:00:00	71	7.99	329	7.8	10.9
7/28/2014	4:30:00	70.9	7.99	329	7.8	10.9
7/28/2014	5:00:00	70.8	7.99	329	7.79	10.9
7/28/2014	5:30:00	70.8	7.98	329	7.82	10.9
7/28/2014	6:00:00	70.7	7.99	329	7.83	10.9
7/28/2014	6:30:00	70.6	8	329	7.88	10.9
7/28/2014	7:00:00	70.6	8.01	329	7.95	10.9
7/28/2014	7:30:00	70.6	8.02	329	8.05	10.9
7/28/2014	8:00:00	70.7	8.04	336	8.23	10.9
7/28/2014	8:30:00	70.9	8.05	337	8.17	10.9
7/28/2014	9:00:00	71.1	8.06	341	8.3	10.9
7/28/2014	9:30:00	71	8.08	337	8.4	10.9
7/28/2014	10:00:00	71	8.08	339	8.46	10.9
7/28/2014	10:30:00	71.2	8.11	338	8.68	10.9
7/28/2014	11:00:00	71.6	8.15	336	8.78	10.9
7/28/2014	11:30:00	71.9	8.16	339	8.83	10.9
7/28/2014	12:00:00	72.1	8.17	336	8.81	10.9
7/28/2014	12:30:00	72.4	8.18	337	8.8	10.9
7/28/2014	13:00:00	72.4	8.17	339	8.65	10.9
7/28/2014	13:30:00	72.6	8.17	337	8.67	10.9
7/28/2014	14:00:00	72.8	8.18	339	8.79	10.9
7/28/2014	14:30:00	72.7	8.14	338	8.43	10.9
7/28/2014	15:00:00	72.8	8.16	338	8.66	10.9
7/28/2014	15:30:00	72.6	8.15	337	8.6	10.9
7/28/2014	16:00:00	72.5	8.13	340	8.58	10.9
7/28/2014	16:30:00	72.2	8.11	338	8.53	10.9
7/28/2014	17:00:00	72.4	8.1	355	8.44	10.9
7/28/2014	17:30:00	72.5	8.1	362	8.4	10.9
7/28/2014	18:00:00	72.4	8.1	354	8.37	10.9
7/28/2014	18:30:00	72.6	8.08	371	8.27	10.9
7/28/2014	19:00:00	72.2	8.12	352	8.44	10.9

Water Quality Monitoring Data July 15-30, 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
7/28/2014	19:30:00	72.4	8.1	366	8.38	10.9
7/28/2014	20:00:00	72.1	8.1	355	8.38	10.9
7/28/2014	20:30:00	72.2	8.08	367	8.36	10.9
7/28/2014	21:00:00	72	8.08	363	8.32	10.8
7/28/2014	21:30:00	71.9	8.07	360	8.33	10.9
7/28/2014	22:00:00	71.6	8.07	353	8.37	10.9
7/28/2014	22:30:00	71.7	8.06	363	8.31	10.9
7/28/2014	23:00:00	71.6	8.06	364	8.32	10.8
7/28/2014	23:30:00	71.5	8.05	360	8.34	10.8
7/29/2014	0:00:00	71.5	8.04	372	8.27	10.8
7/29/2014	0:30:00	71.4	8.04	367	8.28	10.8
7/29/2014	1:00:00	71.4	8.03	374	8.3	10.8
7/29/2014	1:30:00	71.3	8.03	369	8.27	10.8
7/29/2014	2:00:00	71.3	8.03	369	8.3	10.8
7/29/2014	2:30:00	71.1	8.04	366	8.31	10.8
7/29/2014	3:00:00	71	8.05	360	8.34	10.8
7/29/2014	3:30:00	71.1	8.03	371	8.31	10.8
7/29/2014	4:00:00	70.9	8.04	366	8.31	10.8
7/29/2014	4:30:00	70.9	8.04	366	8.33	10.8
7/29/2014	5:00:00	70.7	8.04	361	8.36	10.8
7/29/2014	5:30:00	70.6	8.05	359	8.38	10.8
7/29/2014	6:00:00	70.7	7.99	361	8.1	10.8
7/29/2014	6:30:00	70.4	8.02	345	8.21	10.8
7/29/2014	7:00:00	70.4	8.03	344	8.32	10.8
7/29/2014	7:30:00	70.4	8.05	344	8.42	10.8
7/29/2014	8:00:00	70.3	8.07	338	8.51	10.8
7/29/2014	8:30:00	70.4	8.09	338	8.6	10.8
7/29/2014	9:00:00	70.5	8.1	339	8.7	10.8
7/29/2014	9:30:00	70.5	8.11	337	8.71	10.8
7/29/2014	10:00:00	70.7	8.12	342	8.76	10.8
7/29/2014	10:30:00	70.8	8.14	339	8.84	10.8
7/29/2014	11:00:00	71	8.14	343	8.79	10.8
7/29/2014	11:30:00	71.3	8.16	339	8.91	10.8
7/29/2014	12:00:00	71.6	8.17	343	8.86	10.8
7/29/2014	12:30:00	71.5	8.17	337	8.79	10.8
7/29/2014	13:00:00	71.7	8.16	339	8.7	10.8
7/29/2014	13:30:00	71.9	8.18	338	8.8	10.8
7/29/2014	14:00:00	71.9	8.14	340	8.47	10.8
7/29/2014	14:30:00	72.2	8.18	339	8.76	10.8
7/29/2014	15:00:00	72.3	8.16	344	8.61	10.8
7/30/2014	16:00:00	72.3	8.13	342	8.61	10.7
7/29/2014	16:00:00	72	8.1	340	8.36	10.6
7/29/2014	16:30:00	71.6	8.09	352	8.3	10.7
7/29/2014	17:00:00	71.4	8.11	330	8.43	10.7
7/29/2014	17:30:00	70.9	8.04	331	8.18	10.7
7/29/2014	18:00:00	70.7	8.02	330	8.06	10.7

Water Quality Monitoring Data July 15-30, 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
7/29/2014	18:30:00	70.6	8	331	7.97	10.7
7/29/2014	19:00:00	70.6	7.99	330	7.94	10.7
7/29/2014	19:30:00	70.4	7.99	331	7.89	10.7
7/29/2014	20:00:00	70.2	7.97	331	7.84	10.7
7/29/2014	20:30:00	70.1	7.96	331	7.78	10.7
7/29/2014	21:00:00	70	7.96	331	7.8	10.7
7/29/2014	21:30:00	70	7.96	331	7.78	10.8
7/29/2014	22:00:00	70	7.96	331	7.81	10.7
7/29/2014	22:30:00	70	7.96	331	7.86	10.7
7/29/2014	23:00:00	70.1	7.96	330	7.83	10.7
7/29/2014	23:30:00	70.1	7.96	330	7.8	10.7
7/30/2014	0:00:00	70	7.97	330	7.8	10.7
7/30/2014	0:30:00	70	7.98	330	7.83	10.7
7/30/2014	1:00:00	69.9	7.98	330	7.84	10.7
7/30/2014	1:30:00	69.8	7.98	330	7.85	10.7
7/30/2014	2:00:00	69.7	7.98	330	7.85	10.7
7/30/2014	2:30:00	69.6	7.98	330	7.84	10.7
7/30/2014	3:00:00	69.5	7.98	330	7.86	10.7
7/30/2014	3:30:00	69.5	7.98	330	7.85	10.7
7/30/2014	4:00:00	69.4	7.98	330	7.86	10.7
7/30/2014	4:30:00	69.3	7.98	330	7.87	10.7
7/30/2014	5:00:00	69.2	7.98	330	7.88	10.7
7/30/2014	5:30:00	69.2	7.97	330	7.89	10.7
7/30/2014	6:00:00	69.1	7.97	330	7.9	10.7
7/30/2014	6:30:00	69.1	7.98	330	7.93	10.7
7/30/2014	7:00:00	69	7.99	330	7.98	10.7
7/30/2014	7:30:00	69.1	8	330	8.09	10.7
7/30/2014	8:00:00	69.2	8.03	329	8.2	10.7
7/30/2014	8:30:00	69.4	8.05	329	8.31	10.7
7/30/2014	9:00:00	69.7	8.07	329	8.36	10.7
7/30/2014	9:30:00	69.9	8.09	329	8.41	10.7
7/30/2014	10:00:00	70.1	8.1	329	8.47	10.7
7/30/2014	10:30:00	70.3	8.11	329	8.49	10.7
7/30/2014	11:00:00	70.4	8.12	329	8.52	10.7
7/30/2014	11:30:00	70.6	8.12	329	8.49	10.7
7/30/2014	12:00:00	70.8	8.12	329	8.46	10.7
7/30/2014	12:30:00	70.9	8.12	329	8.44	10.7
7/30/2014	13:00:00	70.9	8.11	329	8.39	10.7
7/30/2014	13:30:00	71	8.11	329	8.39	10.7
7/30/2014	14:00:00	71	8.1	330	8.31	10.7
7/30/2014	14:30:00	71	8.1	329	8.31	10.7
7/30/2014	15:00:00	70.9	8.1	329	8.33	10.7
7/30/2014	15:30:00	70.9	8.1	329	8.23	10.7
7/30/2014	16:00:00	71	8.1	329	8.29	10.7
7/30/2014	16:30:00	71	8.1	329	8.27	10.7
7/30/2014	17:00:00	71.1	8.1	329	8.25	10.7

Water Quality Monitoring Data July 15-30, 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
7/30/2014	17:30:00	71.1	8.09	329	8.15	10.7
7/30/2014	18:00:00	71.1	8.08	330	8.16	10.7
7/30/2014	18:30:00	71	8.07	330	8.1	10.7
7/30/2014	19:00:00	71	8.06	330	8.06	10.7
7/30/2014	19:30:00	70.9	8.04	330	7.98	10.7
7/30/2014	20:00:00	70.8	8.03	330	7.93	10.7
7/30/2014	20:30:00	70.7	8.02	329	7.91	10.7
7/30/2014	21:00:00	70.5	8	330	7.86	10.7
7/30/2014	21:30:00	70.4	8	330	7.87	10.7
7/30/2014	22:00:00	70.3	7.99	329	7.84	10.7
7/30/2014	22:30:00	70.2	8	329	7.87	10.7
7/30/2014	23:00:00	70.2	7.99	329	7.91	10.7
7/30/2014	23:30:00	70.1	8	329	7.89	10.7
7/31/2014	0:00:00	70	8	329	7.92	10.7
7/31/2014	0:30:00	70	8	329	7.92	10.6
7/31/2014	1:00:00	69.9	8	329	7.92	10.6
7/31/2014	1:30:00	69.9	8	329	7.92	10.6
7/31/2014	2:00:00	69.8	8	329	7.91	10.6
7/31/2014	2:30:00	69.8	8	329	7.9	10.6
7/31/2014	3:00:00	69.8	8	329	7.94	10.6
7/31/2014	3:30:00	69.8	8	329	7.91	10.6
7/31/2014	4:00:00	69.8	8	329	7.91	10.6
7/31/2014	4:30:00	69.7	8	329	7.93	10.6
7/31/2014	5:00:00	69.6	8	329	7.92	10.6
7/31/2014	5:30:00	69.6	8	329	7.92	10.6
7/31/2014	6:00:00	69.5	8	328	7.94	10.6
7/31/2014	6:30:00	69.4	8	328	8	10.6
7/31/2014	7:00:00	69.4	8.01	328	8.07	10.6
7/31/2014	7:30:00	69.4	8.02	328	8.14	10.6
7/31/2014	8:00:00	69.5	8.04	328	8.24	10.6
7/31/2014	8:30:00	69.7	8.06	328	8.32	10.6
7/31/2014	9:00:00	69.9	8.07	328	8.39	10.6
7/31/2014	9:30:00	70.1	8.09	328	8.44	10.6
7/31/2014	10:00:00	70.3	8.1	328	8.45	10.6
7/31/2014	10:30:00	70.5	8.11	327	8.47	10.6
7/31/2014	11:00:00	70.7	8.11	327	8.45	10.6
7/31/2014	11:30:00	70.8	8.12	328	8.46	10.6
7/31/2014	12:00:00	71	8.12	327	8.44	10.6
7/31/2014	12:30:00	70.8	8.1	328	8.24	10.6
7/31/2014	13:00:00	71	8.11	327	8.35	10.6
7/31/2014	13:30:00	71.2	8.1	327	8.35	10.6
7/31/2014	14:00:00	71.4	8.1	328	8.31	10.6
7/31/2014	14:30:00	71.7	8.11	328	8.3	10.6
7/31/2014	15:00:00	71.8	8.11	328	8.28	10.6
7/31/2014	15:30:00	71.9	8.11	327	8.26	10.6
7/31/2014	16:00:00	72	8.1	328	8.19	10.6

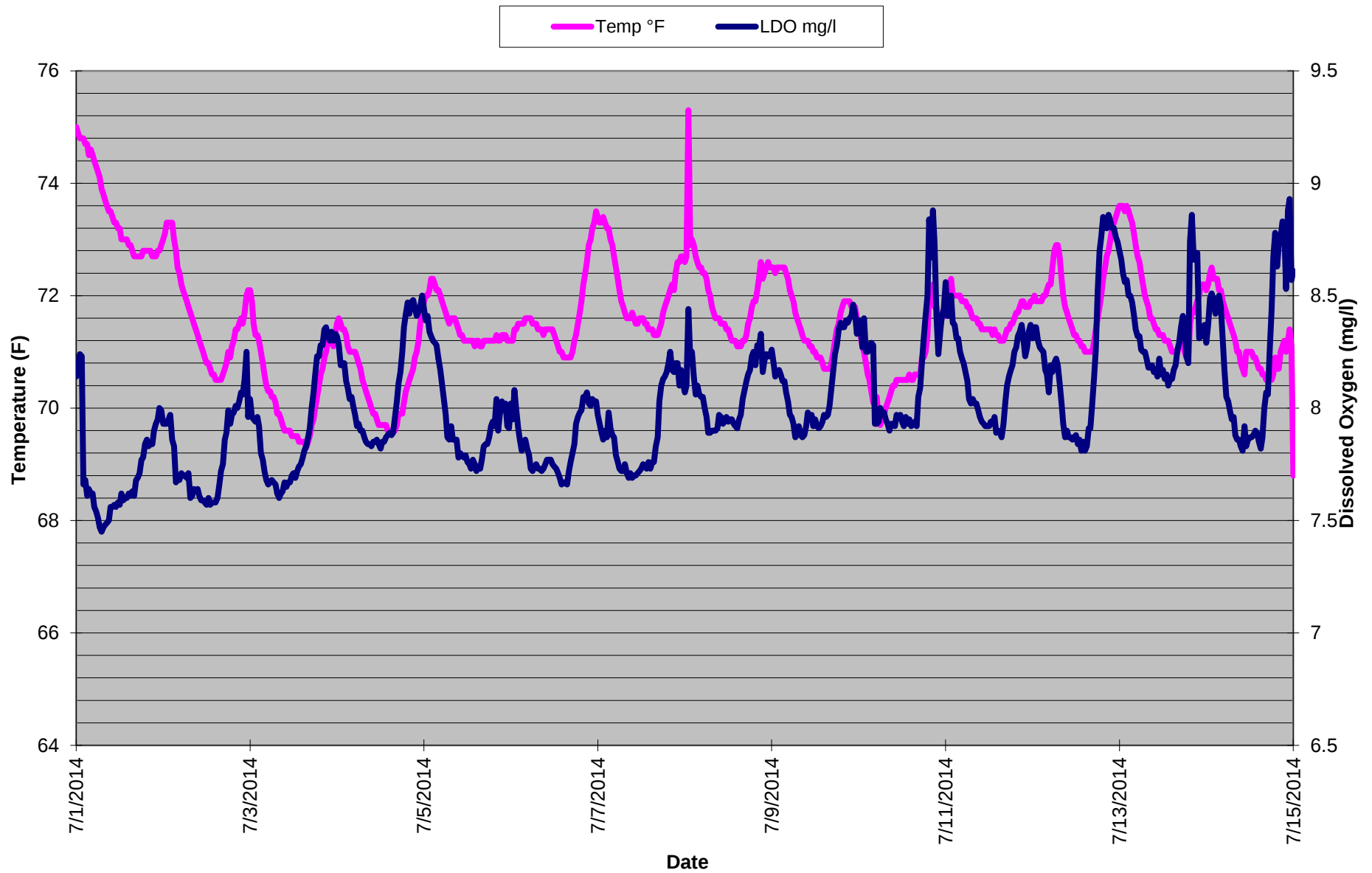
Water Quality Monitoring Data July 15-30, 2014
Oconto Falls Lower P-2689
License Article # 404

Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
7/31/2014	16:30:00	72	8.09	328	8.19	10.6
7/31/2014	17:00:00	72	8.09	328	8.15	10.6
7/31/2014	17:30:00	71.8	8.08	328	8.15	10.6
7/31/2014	18:00:00	71.7	8.06	328	8.1	10.6
7/31/2014	18:30:00	71.5	8.05	328	8.04	10.6
7/31/2014	19:00:00	71.5	8.04	328	7.96	10.6
7/31/2014	19:30:00	71.3	8.02	328	7.9	10.6
7/31/2014	20:00:00	71.2	8	328	7.85	10.6
7/31/2014	20:30:00	71.1	7.99	329	7.89	10.6
7/31/2014	21:00:00	71	7.98	328	7.88	10.6
7/31/2014	21:30:00	70.8	7.98	327	7.84	10.6
7/31/2014	22:00:00	70.8	7.98	327	7.83	10.6
7/31/2014	22:30:00	70.8	7.97	327	7.87	10.6
7/31/2014	23:00:00	70.8	7.97	327	7.88	10.6
7/31/2014	23:30:00	70.7	7.98	327	7.9	10.6
Average		71.85	8.06	335.12	8.18	10.65
High		81.2	8.30	6174	9.33	11.70
Low		67.5	6.96	1.00	7.42	9.80
		Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts

Water Quality Monitoring Data
Month of July 2014

APPENDIX D
TAILWATER SAMPLING GRAPH

Oconto Falls Lower FERC #2689
Tailwater
July 1 - 15, 2014
Temperature & Dissolved Oxygen



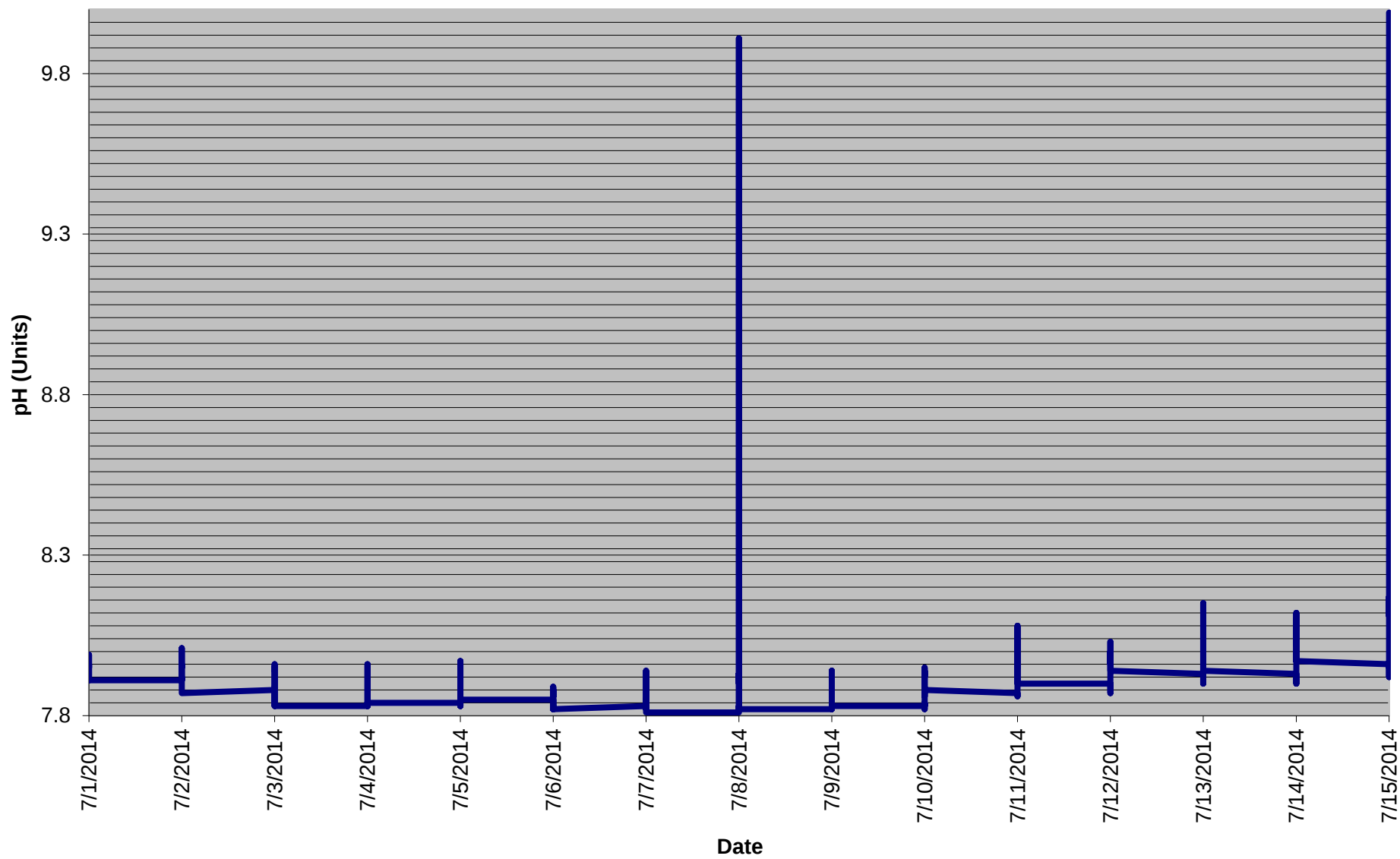
Oconto Falls Lower FERC #2689

Tailwater

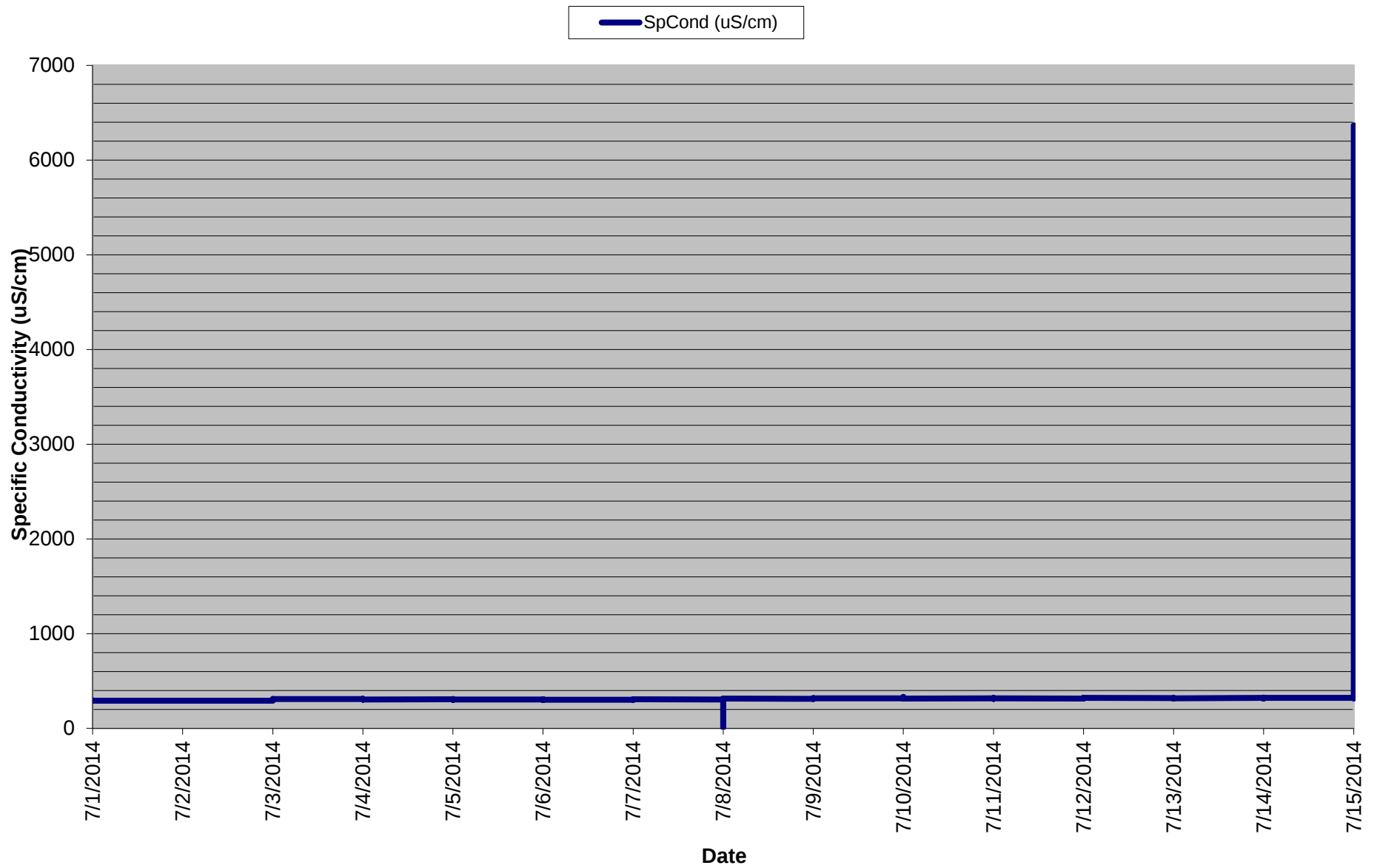
July 1 - 15, 2014

pH

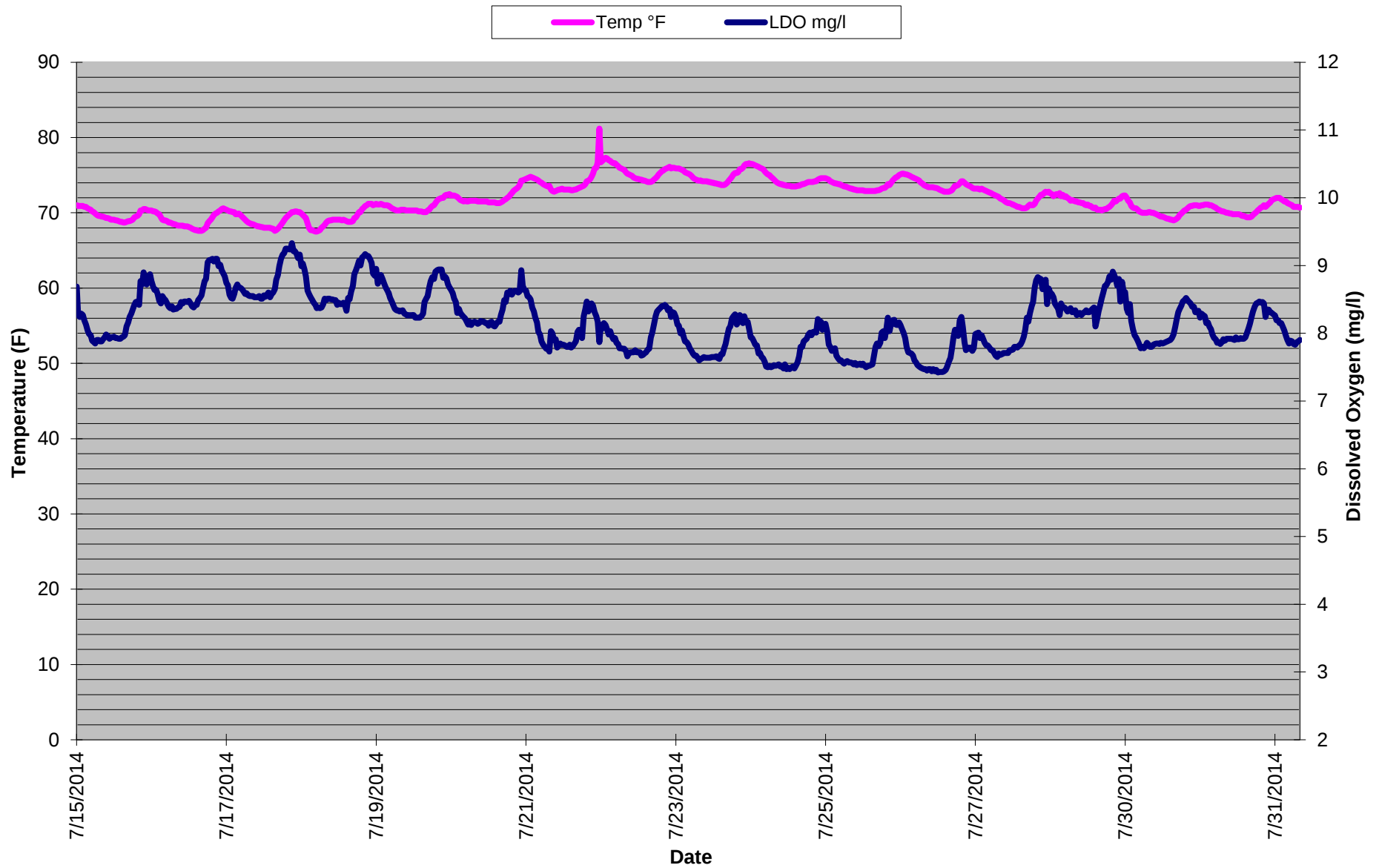
pH (Units)



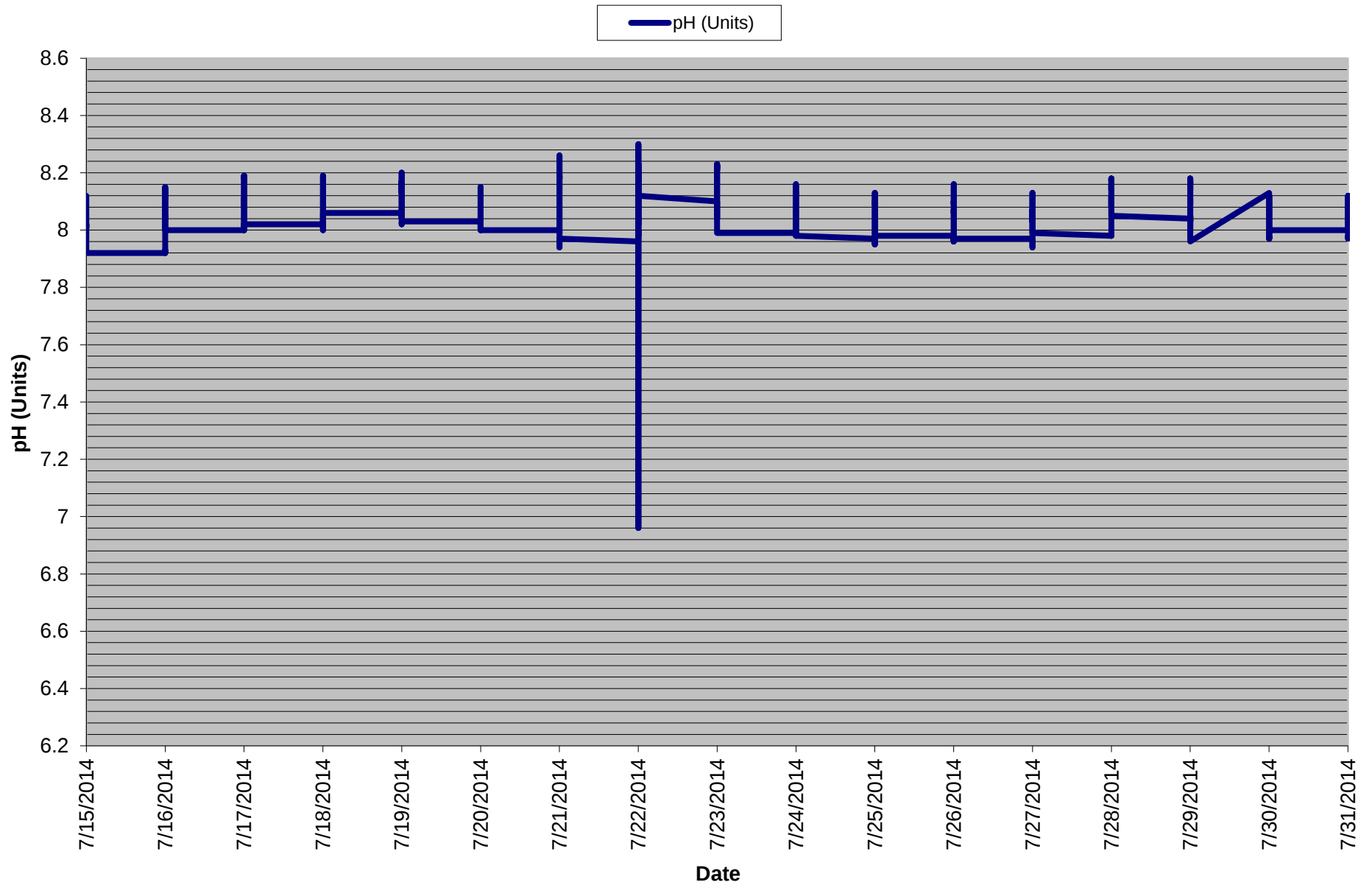
Oconto Falls Lower FERC #2689
Tailwater
July 1 - 15, 2014
Specific Conductivity



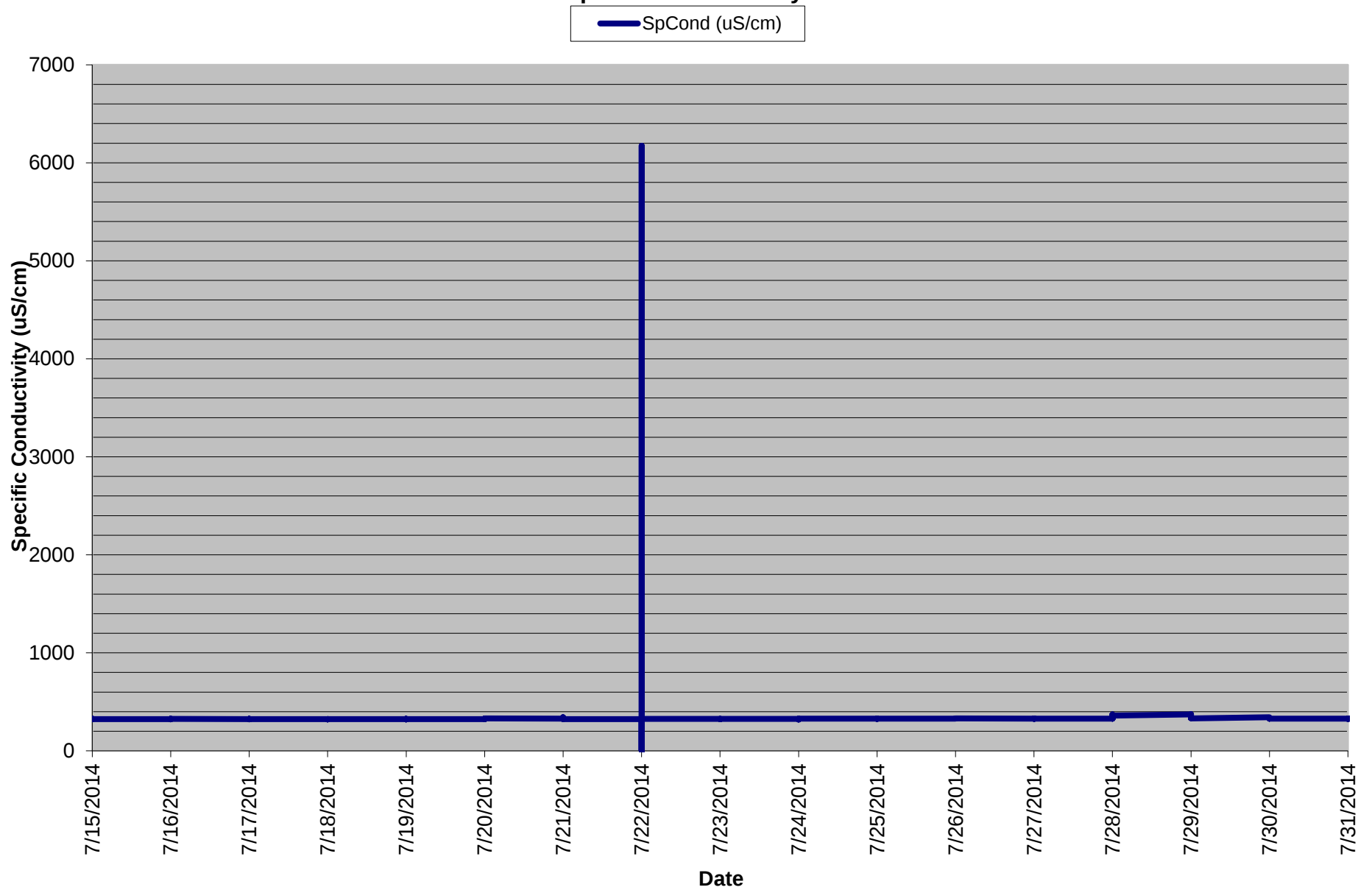
Oconto Falls Lower FERC #2689
Tailwater
July 15 - 31, 2014
Temperature and Dissolved Oxygen



Oconto Falls Lower FERC #2689
Tailwater
July 15 - 31, 2014
pH



Oconto Falls Lower FERC #2689
Tailwater
July 15 - 31, 2014
Specific Conductivity



Water Quality Monitoring Data
Month of July 2014