



October 07, 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 September Water Quality Monitoring Data
Oconto Falls (Upper) Hydroelectric Project – FERC No. P-2523
Oconto Falls (Lower) Hydroelectric Project – FERC No. P-2689

Dear Agencies:

On behalf of NEW Hydro, LLC (Licensee), Eagle Creek Renewable Energy hereby submits the September 2014 Water Quality Monitoring (WQM) data for the Oconto Falls Upper and Lower Hydroelectric Projects.

The enclosed CDs for each project contain the continuous monitoring data from the tailrace, the weekly monitoring data of the impoundment, and a compliance energy record for the dates of the impoundment sampling, and a PDF of this letter.

An issue with the sonde unit at the Oconto Falls Upper Project was discovered on September 10, 2014. The malfunctioning sonde can no longer provide data and the readings from September 1-10, 2014 could not be retrieved. The licensee made an effort to record the water temperature and dissolved oxygen (LDO) levels from September 10-12 and 22-30 using the handheld equipment that was specified to monitor water quality in the Reservoir.

The licensee previously submitted to the agencies, the water quality data for July and August. The September data found in this submittal completes the WQM requirements for 2014. We respectfully request your comments on these reports so that we can include your comments to develop a Draft WQM Report for a final review prior to filing with the Commission.



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


For Scott Klabunde
Senior VP of Operations

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

SK/jcm

cc: ECRE-LC Files
(14-10-06_LC_OFLW_OFUP_14Sept WQM Data submit to Agencies)

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

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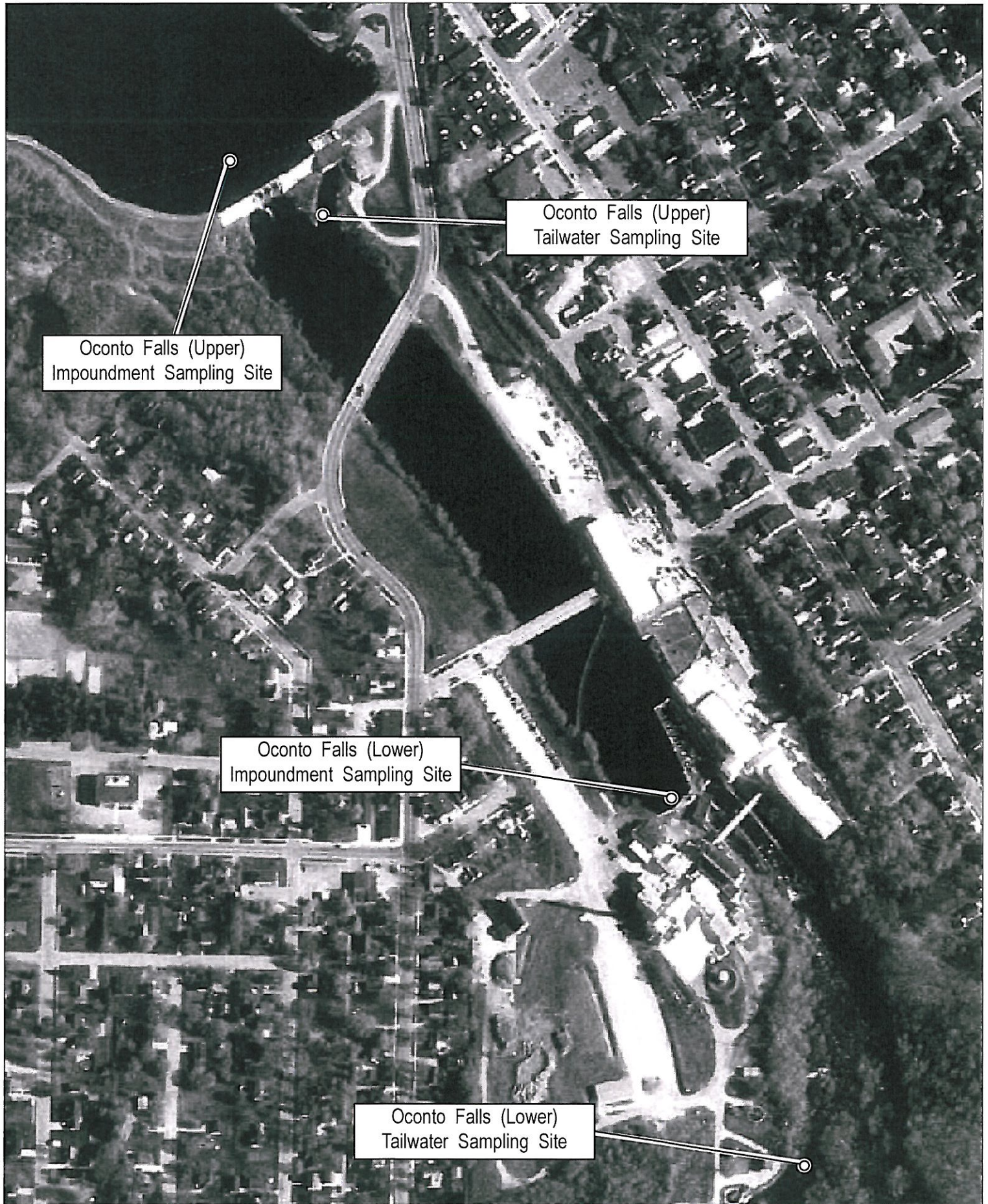
- A: Reservoir Sampling Data
- B: Reservoir Sampling Graphs
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ⁱ CD enclosed – weekly monitoring data of the Reservoir, continuous monitoring data from the tailrace month of September 2014.

**SAMPLING LOCATION MAP
OCONTO FALLS**

OCONTO FALLS WATER QUALITY MONITORING

Sampling Locations



Water Quality Monitoring Data
Month of September 2014

**TAILWATER EQUIPMENT
CALIBRATION RECORD**

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...

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 9/10/14

Time: 2:00

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

Dissolved Oxygen

Post Field D O Reading: 7.61

Temperature: 79.2

Barometric Pressure: 742

Dissolved Oxygen Set To: 7.84

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1426

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 79.9 Reading: 7.00

Standard 2: 10.00

Temp: 79.7 Reading: 10.02

Calibration:

Standard 1: 7.00

Temp: 79.9 Set To: 7.00

Standard 1: 10.00

Temp: 79.5 Set To: 10.00

Joe FeBeck

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 9/15/14

Time: 2:00

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

Dissolved Oxygen

Post Field D O Reading: 8.32

Temperature: 76.4

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.13

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1411

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 80.5 Reading: 6.94

Standard 2: 10.00

Temp: 80.8 Reading: 10.00

Calibration:

Standard 1: 7.00

Temp: 80.4 Set To: 7.00

Standard 1: 10.00

Temp: 80.8 Set To: 10.00

Joe [Signature]

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 9/22/14

Time: 17:30

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

Dissolved Oxygen

Post Field D O Reading: 8.45

Temperature: 72.2

Barometric Pressure: 742

Dissolved Oxygen Set To: 8.43

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1418

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 77.7 Reading: 7.09

Standard 2: 10.00

Temp: 77.9 Reading: 10.00

Calibration:

Standard 1: 7.00

Temp: 77.6 Set To: 7.00

Standard 1: 10.00

Temp: 77.9 Set To: 10.00

Joe L. [Signature]

Monitoring Equipment Generic Calibration/Post Field Cal Check Form

Date: 10/1/14

Time: 11:30

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

Dissolved Oxygen

Post Field D O Reading: 7.93

Temperature: 80.4

Barometric Pressure: 742

Dissolved Oxygen Set To: 7.90

Conductivity

Conductivity Standard: 1412

Post Field Reading: 1432

Conductivity Standard: 1412

Conductivity Set To: 1412

pH

Post Field Check:

Standard 1: 7.00

Temp: 78.8 Reading: 7.03

Standard 2: 10.00

Temp: 79.2 Reading: 9.98

Calibration:

Standard 1: 7.00

Temp: 78.8 Set To: 7.60

Standard 1: 10.00

Temp: 79.2 Set To: 10.00

Joe LeBak

Water Quality Monitoring Data
Month of September 2014

COMPLIANCE/ENERGY RECORD

OCONTO FALLS LOWER – FERC #2689

Compliance/Energy Records
On
Reservoir Sampling Dates – September 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)
Sept 01	8:00	0	0	1870	1000	0	18420				20290	702.04	664.4	384	384
Sept 10	8:00	340	70.19	8060	1500	287.41	36900				44960	702.21	664.4	1294	1294
Sept 15	8:00	330	109.77	8240	1500	473.46	38140				46380	702.21	664.4	1040	1040
Sept 22	8:00	0	144.39	1700	1450	724.92	34080				35780	701.93	664.4	552	552
Oct 01	8:00	--	--	--	--	--	--				--	--	--	--	--

Water Quality Monitoring Data
Month of September 2014

APPENDIX A
RESERVOIR SAMPLING DATA

RESERVOIR SAMPLING LOG

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

Date: 09-05-2014

Pre-Sampling Data:

Time: 900 Barometer: 742 Air Temp: 21 °C Wind Speed: W9

Sky Conditions: Part cloud

Precipitation within Last 24 Hours: 2.0"

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: 3.6m

HQ40d Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface	<u>900</u>	<u>8.15</u>	<u>19.4</u>
1 meter		<u>8.19</u>	<u>19.4</u>
2 meter		<u>8.00</u>	<u>19.4</u>
3 meter		<u>8.33</u>	<u>19.4</u>
100 mm above bottom		<u>8.29</u>	<u>19.4</u>

Batt: 4/5 chg

Hach Hydrolab MS5 D.O. Sample Data

Depth	Time	D.O. (mg/l)	Temperature
100 mm below surface		<u>8.40</u>	<u>19.4</u>

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: 09-12-2014

Pre-Sampling Data:

Time: 900 Barometer: 742 Air Temp: 7 °C Wind Speed: 17

Sky Conditions: _____

Precipitation within Last 24 Hours: _____

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: 7/10/2014 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>920</u>	<u>8.50</u>	<u>14.6</u>
1 meter		<u>8.60</u>	<u>14.5</u>
2 meter		<u>8.42</u>	<u>14.5</u>
3 meter		<u>8.27</u>	<u>14.5</u>
100 mm above bottom		<u>8.04</u>	<u>14.5</u>

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 LeBrock John Funderburg

RESERVOIR SAMPLING LOG

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

Date: 09-19-2014

Pre-Sampling Data:

Time: 900 Barometer: 742 Air Temp: 15 °C Wind Speed: 511

Sky Conditions: Overcast

Precipitation within Last 24 Hours: _____

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>900</u>	<u>8.55</u>	<u>13.2</u>
1 meter		<u>8.54</u>	<u>13.2</u>
2 meter		<u>8.52</u>	<u>13.2</u>
3 meter		<u>8.51</u>	<u>13.2</u>
100 mm above bottom		<u>8.50</u>	<u>13.2</u>

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: 9-26-2014

Pre-Sampling Data:

Time: 900 Barometer: 742 Air Temp: 16 °C Wind Speed: NE 2

Sky Conditions: Clear

Precipitation within Last 24 Hours: 0

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

Where The Batterys Changed? ☒ Yes ☐ No If Yes, Time Changed: 7:10-14

Battery Status: 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		8.27	15.3
1 meter		8.26	15.3
2 meter		8.25	15.3
3 meter		8.25	15.4
100 mm above bottom		8.26	15.4

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

Water Quality Monitoring Reservoir Sampling Data
July 01-September 30, 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

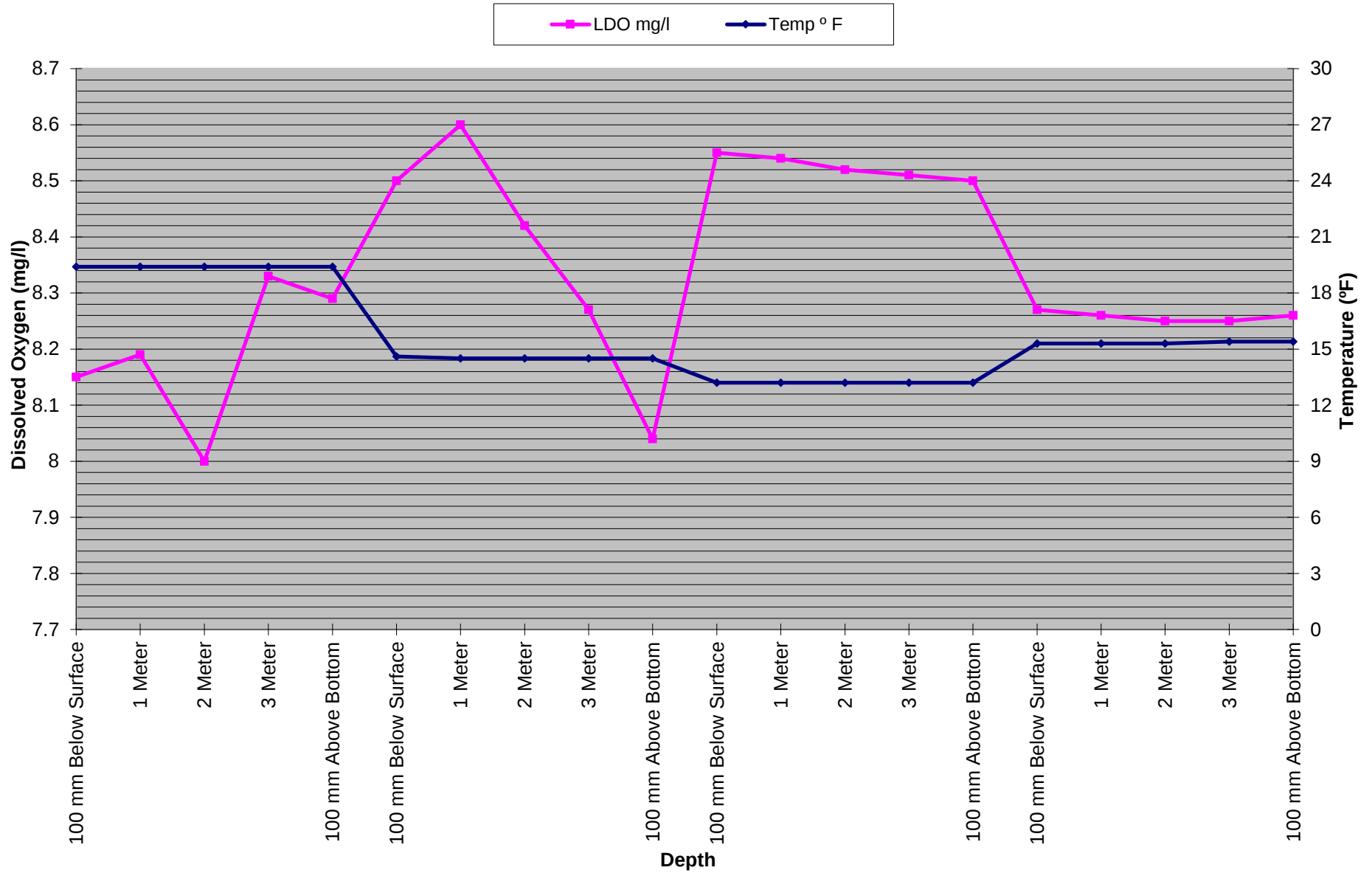
Water Quality Monitoring Reservoir Sampling Data
 July 01-September 30, 2014
 Oconto Falls Lower P-2689

Date	Time	Depth	LDO mg/l	Temp ° 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
9/5/2014	9:00	100 mm Below Surface	8.15	19.40
9/5/2014	9:00	1 Meter	8.19	19.40
9/5/2014	9:00	2 Meter	8.00	19.40
9/5/2014	9:00	3 Meter	8.33	19.40
9/5/2014	9:00	100 mm Above Bottom	8.29	19.40
9/12/2014	9:00	100 mm Below Surface	8.50	14.60
9/12/2014	9:00	1 Meter	8.60	14.50
9/12/2014	9:00	2 Meter	8.42	14.50
9/12/2014	9:00	3 Meter	8.27	14.50
9/12/2014	9:00	100 mm Above Bottom	8.04	14.50
9/19/2014	9:00	100 mm Below Surface	8.55	13.20
9/19/2014	9:00	1 Meter	8.54	13.20
9/19/2014	9:00	2 Meter	8.52	13.20
9/19/2014	9:00	3 Meter	8.51	13.20
9/19/2014	9:00	100 mm Above Bottom	8.50	13.20
9/26/2014	9:00	100 mm Below Surface	8.27	15.30
9/26/2014	9:00	1 Meter	8.26	15.30
9/26/2014	9:00	2 Meter	8.25	15.30
9/26/2014	9:00	3 Meter	8.25	15.40
9/26/2014	9:00	100 mm Above Bottom	8.26	15.40

Water Quality Monitoring Data
Month of September 2014

APPENDIX B
RESERVOIR SAMPLING GRAPHS

Oconto Falls Lower FERC #2689
Reservoir
9/5-9/12-9/19-9/26 Sampling Dates
Temperature and Dissolved Oxygen



Water Quality Monitoring Data
Month of September 2014

APPENDIX C
TAILWATER SAMPLING DATA

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

Hydrolab MS5 60752

Log File Name : SEPT1-SEPT15-OFLW

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

Setup Time (HH:MM:SS) : 15:08:05

Starting Date (M/D/YYYY) : 9/1/2014

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

Stopping Date (M/D/YYYY) : 9/15/2014

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
9/1/2014	0:00:00	68.6	7.64	316	7.48	10.6
9/1/2014	0:30:00	68.6	7.65	315	7.49	10.6
9/1/2014	1:00:00	68.7	7.65	316	7.52	10.6
9/1/2014	1:30:00	68.8	7.66	317	7.54	10.7
9/1/2014	2:00:00	68.8	7.66	315	7.53	10.7
9/1/2014	2:30:00	68.8	7.66	315	7.54	10.6
9/1/2014	3:00:00	68.8	7.66	315	7.56	10.7
9/1/2014	3:30:00	68.8	7.66	315	7.56	10.6
9/1/2014	4:00:00	68.8	7.65	316	7.59	10.6
9/1/2014	4:30:00	68.8	7.66	315	7.53	10.6
9/1/2014	5:00:00	68.8	7.65	316	7.51	10.6
9/1/2014	5:30:00	68.8	7.65	316	7.54	10.6
9/1/2014	6:00:00	68.8	7.65	317	7.52	10.6
9/1/2014	6:30:00	68.7	7.65	316	7.57	10.6
9/1/2014	7:00:00	68.7	7.64	314	7.57	10.6
9/1/2014	7:30:00	68.7	7.65	316	7.67	10.6
9/1/2014	8:00:00	68.7	7.64	316	7.63	10.6
9/1/2014	8:30:00	68.6	7.64	313	7.86	10.6
9/1/2014	9:00:00	68.7	7.66	313	8.16	10.6
9/1/2014	9:30:00	68.8	7.68	312	8.34	10.6
9/1/2014	10:00:00	68.8	7.68	313	7.64	10.6
9/1/2014	10:30:00	68.8	7.68	312	7.69	10.6
9/1/2014	11:00:00	68.8	7.69	311	7.79	10.6
9/1/2014	11:30:00	68.7	7.69	310	7.73	10.6
9/1/2014	12:00:00	68.8	7.71	311	7.82	10.6
9/1/2014	12:30:00	69	7.71	311	7.95	10.6
9/1/2014	13:00:00	69	7.73	311	8.12	10.6
9/1/2014	13:30:00	69.1	7.73	311	7.98	10.6
9/1/2014	14:00:00	69.2	7.74	312	7.97	10.6
9/1/2014	14:30:00	69.4	7.74	311	7.96	10.6
9/2/2014	15:00:00	69.3	7.83	312	8.25	10.5
9/1/2014	15:30:00	69.4	7.87	313	8.25	10.4
9/1/2014	16:00:00	69.5	7.88	313	8.27	10.5
9/1/2014	16:30:00	69.6	7.87	314	8.34	10.5

Water Quality Monitoring Data September 01-15, 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
9/1/2014	17:00:00	69.7	7.85	314	8.35	10.5
9/1/2014	17:30:00	69.7	7.84	314	8.34	10.5
9/1/2014	18:00:00	69.6	7.82	313	8.37	10.5
9/1/2014	18:30:00	69.7	7.83	313	8.35	10.5
9/1/2014	19:00:00	69.7	7.83	313	8.4	10.5
9/1/2014	19:30:00	69.7	7.83	313	8.37	10.5
9/1/2014	20:00:00	69.7	7.82	313	8.41	10.5
9/1/2014	20:30:00	69.6	7.82	313	8.36	10.5
9/1/2014	21:00:00	69.5	7.81	313	8.37	10.6
9/1/2014	21:30:00	69.4	7.79	313	8.31	10.6
9/1/2014	22:00:00	69.2	7.78	313	8.27	10.6
9/1/2014	22:30:00	69	7.76	313	8.21	10.6
9/1/2014	23:00:00	68.8	7.74	313	8.18	10.6
9/1/2014	23:30:00	68.7	7.72	313	8.15	10.6
9/2/2014	0:00:00	68.6	7.71	313	8.14	10.6
9/2/2014	0:30:00	68.6	7.71	313	8.13	10.6
9/2/2014	1:00:00	68.5	7.72	312	8.18	10.6
9/2/2014	1:30:00	68.5	7.72	311	8.2	10.6
9/2/2014	2:00:00	68.4	7.71	312	8.2	10.6
9/2/2014	2:30:00	68.3	7.71	311	8.2	10.6
9/2/2014	3:00:00	68.3	7.71	311	8.17	10.6
9/2/2014	3:30:00	68.2	7.71	311	8.18	10.6
9/2/2014	4:00:00	68.1	7.71	311	8.24	10.6
9/2/2014	4:30:00	68.1	7.72	310	8.24	10.6
9/2/2014	5:00:00	68.1	7.72	310	8.28	10.6
9/2/2014	5:30:00	68	7.72	310	8.31	10.6
9/2/2014	6:00:00	68	7.71	310	8.28	10.6
9/2/2014	6:30:00	67.9	7.71	310	8.28	10.6
9/2/2014	7:00:00	67.9	7.71	310	8.3	10.6
9/2/2014	7:30:00	67.9	7.71	310	8.29	10.5
9/2/2014	8:00:00	68	7.72	309	8.37	10.6
9/2/2014	8:30:00	68.1	7.74	309	8.45	10.6
9/2/2014	9:00:00	68.1	7.74	309	8.51	10.6
9/2/2014	9:30:00	68.1	7.73	309	8.49	10.6
9/2/2014	10:00:00	68.1	7.73	309	8.43	10.5
9/2/2014	10:30:00	68	7.73	308	8.53	10.5
9/2/2014	11:00:00	68.1	7.74	308	8.73	10.5
9/2/2014	11:30:00	68.1	7.74	309	8.77	10.5
9/2/2014	12:00:00	68.2	7.77	309	8.93	10.5
9/2/2014	12:30:00	68.4	7.75	308	8.06	10.5
9/2/2014	13:00:00	68.5	7.76	308	8.16	10.6
9/2/2014	13:30:00	68.5	7.76	308	8.14	10.5
9/2/2014	14:00:00	68.5	7.76	307	8.15	10.5
9/2/2014	14:30:00	68.7	7.76	307	8.15	10.5
9/2/2014	15:00:00	68.8	7.75	307	8.11	10.5
9/2/2014	15:30:00	68.7	7.75	307	8.06	10.5

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/2/2014	16:00:00	68.7	7.74	307	8.04	10.5
9/2/2014	16:30:00	68.6	7.74	306	8.05	10.5
9/2/2014	17:00:00	68.7	7.75	306	8.06	10.5
9/2/2014	17:30:00	68.7	7.74	306	8.03	10.5
9/2/2014	18:00:00	68.6	7.74	305	8.04	10.5
9/2/2014	18:30:00	68.5	7.73	304	8.03	10.5
9/2/2014	19:00:00	68.4	7.73	303	8.01	10.5
9/2/2014	19:30:00	68.3	7.72	302	8	10.5
9/2/2014	20:00:00	68.1	7.71	301	7.96	10.5
9/2/2014	20:30:00	67.9	7.7	300	7.98	10.5
9/2/2014	21:00:00	67.8	7.69	298	7.94	10.5
9/2/2014	21:30:00	67.6	7.68	297	7.97	10.5
9/2/2014	22:00:00	67.4	7.67	296	7.96	10.5
9/2/2014	22:30:00	67.3	7.66	292	8	10.5
9/2/2014	23:00:00	67.2	7.66	292	8	10.5
9/2/2014	23:30:00	67.1	7.66	289	8.12	10.5
9/3/2014	0:00:00	67.1	7.66	287	8.16	10.5
9/3/2014	0:30:00	67.1	7.65	287	8.18	10.5
9/3/2014	1:00:00	67	7.65	285	8.19	10.5
9/3/2014	1:30:00	67	7.65	284	8.24	10.5
9/3/2014	2:00:00	67	7.65	284	8.24	10.5
9/3/2014	2:30:00	67	7.65	283	8.26	10.5
9/3/2014	3:00:00	67	7.65	283	8.29	10.5
9/3/2014	3:30:00	67	7.65	282	8.28	10.5
9/3/2014	4:00:00	66.9	7.64	281	8.28	10.5
9/3/2014	4:30:00	66.9	7.64	281	8.31	10.5
9/3/2014	5:00:00	66.9	7.64	280	8.29	10.5
9/3/2014	5:30:00	66.9	7.64	280	8.28	10.5
9/3/2014	6:00:00	66.8	7.63	281	8.28	10.5
9/3/2014	6:30:00	66.8	7.63	281	8.23	10.5
9/3/2014	7:00:00	66.8	7.63	281	8.32	10.5
9/3/2014	7:30:00	66.9	7.62	281	8.3	10.5
9/3/2014	8:00:00	66.9	7.62	280	8.29	10.5
9/3/2014	8:30:00	67.1	7.63	279	8.35	10.5
9/3/2014	9:00:00	67.2	7.64	279	8.39	10.5
9/3/2014	9:30:00	67.3	7.64	279	8.44	10.5
9/3/2014	10:00:00	67.3	7.64	277	8.42	10.5
9/3/2014	10:30:00	67.7	7.68	277	8.75	10.5
9/3/2014	11:00:00	67.7	7.65	275	8.22	10.5
9/3/2014	11:30:00	67.8	7.65	276	8.18	10.5
9/3/2014	12:00:00	68	7.66	277	8.2	10.4
9/3/2014	12:30:00	68.1	7.67	277	8.2	10.4
9/3/2014	13:00:00	68.2	7.66	278	8.16	10.5
9/3/2014	13:30:00	68.3	7.67	278	8.17	10.5
9/3/2014	14:00:00	68.4	7.66	277	8.09	10.4
9/3/2014	14:30:00	68.4	7.65	275	8.09	10.5

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/3/2014	15:00:00	68.3	7.64	274	8.03	10.5
9/3/2014	15:30:00	68.3	7.63	274	7.97	10.5
9/3/2014	16:00:00	68.3	7.62	273	7.98	10.4
9/3/2014	16:30:00	68.3	7.62	272	7.97	10.4
9/3/2014	17:00:00	68.1	7.6	271	7.91	10.4
9/3/2014	17:30:00	67.9	7.59	269	7.86	10.4
9/3/2014	18:00:00	67.7	7.56	267	7.82	10.4
9/3/2014	18:30:00	67.5	7.55	263	7.85	10.4
9/3/2014	19:00:00	67.4	7.54	261	7.83	10.4
9/3/2014	19:30:00	67.3	7.53	260	7.81	10.4
9/3/2014	20:00:00	67.1	7.52	258	7.79	10.4
9/3/2014	20:30:00	66.9	7.51	257	7.8	10.4
9/3/2014	21:00:00	66.8	7.51	255	7.82	10.4
9/3/2014	21:30:00	66.7	7.51	254	7.88	10.4
9/3/2014	22:00:00	66.7	7.5	253	7.86	10.4
9/3/2014	22:30:00	66.7	7.5	253	7.86	10.4
9/3/2014	23:00:00	66.7	7.51	253	7.89	10.4
9/3/2014	23:30:00	66.7	7.5	251	7.92	10.4
9/4/2014	0:00:00	66.8	7.5	251	7.94	10.4
9/4/2014	0:30:00	66.8	7.5	250	7.97	10.4
9/4/2014	1:00:00	66.8	7.5	250	7.94	10.4
9/4/2014	1:30:00	66.9	7.52	249	8.04	10.4
9/4/2014	2:00:00	67.1	7.55	245	8.14	10.4
9/4/2014	2:30:00	67.4	7.56	248	8.12	10.4
9/4/2014	3:00:00	67.4	7.55	249	8.16	10.4
9/4/2014	3:30:00	67.3	7.54	251	8.12	10.4
9/4/2014	4:00:00	67.1	7.53	251	8.02	10.4
9/4/2014	4:30:00	67	7.52	251	8.04	10.4
9/4/2014	5:00:00	67	7.51	251	7.97	10.4
9/4/2014	5:30:00	67.1	7.51	251	8.05	10.4
9/4/2014	6:00:00	67.2	7.52	252	8.09	10.4
9/4/2014	6:30:00	67.4	7.53	252	8.04	10.4
9/4/2014	7:00:00	67.4	7.53	253	8.06	10.4
9/4/2014	7:30:00	67.3	7.52	253	8.04	10.4
9/4/2014	8:00:00	67.3	7.52	253	8.1	10.4
9/4/2014	8:30:00	67.4	7.54	253	8.27	10.4
9/4/2014	9:00:00	67.4	7.51	252	7.82	10.4
9/4/2014	9:30:00	67.3	7.51	252	7.87	10.4
9/4/2014	10:00:00	67.3	7.52	252	7.96	10.4
9/4/2014	10:30:00	67.5	7.53	252	8.01	10.4
9/4/2014	11:00:00	67.5	7.54	252	7.99	10.4
9/4/2014	11:30:00	67.4	7.53	252	7.94	10.4
9/4/2014	12:00:00	67.2	7.55	242	8.01	10.4
9/4/2014	12:30:00	67.3	7.54	248	8.12	10.4
9/4/2014	13:00:00	67.5	7.55	250	8.2	10.4
9/4/2014	13:30:00	67.7	7.56	252	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
9/4/2014	14:00:00	67.7	7.54	252	8.07	10.4
9/4/2014	14:30:00	67.6	7.54	253	8.06	10.4
9/4/2014	15:00:00	67.7	7.54	254	8.06	10.4
9/4/2014	15:30:00	67.8	7.55	256	8.28	10.4
9/4/2014	16:00:00	67.7	7.53	254	7.96	10.4
9/4/2014	16:30:00	67.4	7.51	254	7.88	10.4
9/4/2014	17:00:00	67.2	7.52	245	7.95	10.4
9/4/2014	17:30:00	67.1	7.51	251	8.05	10.4
9/4/2014	18:00:00	67	7.53	251	8.15	10.4
9/4/2014	18:30:00	66.8	7.54	253	8.3	10.4
9/4/2014	19:00:00	66.7	7.55	249	8.4	10.4
9/4/2014	19:30:00	66.5	7.57	255	9.31	10.4
9/4/2014	20:00:00	66.4	7.59	257	9.37	10.4
9/4/2014	20:30:00	66.4	7.58	259	9.42	10.4
9/4/2014	21:00:00	66.5	7.58	257	9.41	10.4
9/4/2014	21:30:00	66.7	7.59	258	9.46	10.4
9/4/2014	22:00:00	66.8	7.59	257	9.41	10.4
9/4/2014	22:30:00	66.8	7.59	258	9.38	10.4
9/4/2014	23:00:00	66.7	7.59	260	9.46	10.4
9/4/2014	23:30:00	66.7	7.59	261	9.48	10.4
9/5/2014	0:00:00	66.7	7.58	261	8.85	10.4
9/5/2014	0:30:00	66.7	7.57	262	8.92	10.4
9/5/2014	1:00:00	66.6	7.57	264	8.92	10.4
9/5/2014	1:30:00	66.7	7.57	262	8.77	10.4
9/5/2014	2:00:00	66.8	7.58	264	8.82	10.4
9/5/2014	2:30:00	66.7	7.57	266	8.83	10.4
9/5/2014	3:00:00	66.6	7.57	269	8.86	10.4
9/5/2014	3:30:00	66.5	7.57	271	8.89	10.4
9/5/2014	4:00:00	66.5	7.57	273	8.95	10.4
9/5/2014	4:30:00	66.4	7.57	274	8.97	10.4
9/5/2014	5:00:00	66.3	7.56	275	8.98	10.4
9/5/2014	5:30:00	66.3	7.63	276	8.98	10.4
9/5/2014	6:00:00	66.2	7.64	277	8.96	10.4
9/5/2014	6:30:00	66.2	7.62	277	9.03	10.4
9/5/2014	7:00:00	66.2	7.7	277	9.03	10.4
9/5/2014	7:30:00	66.2	7.61	277	9.06	10.4
9/5/2014	8:00:00	66.2	7.57	277	9.15	10.4
9/5/2014	8:30:00	66.3	7.57	277	8.72	10.4
9/5/2014	9:00:00	66.3	7.57	277	8.68	10.4
9/5/2014	9:30:00	66.4	7.6	278	8.68	10.4
9/5/2014	10:00:00	66.6	7.57	277	8.72	10.4
9/5/2014	10:30:00	66.7	7.57	277	8.74	10.4
9/5/2014	11:00:00	67	7.59	276	8.85	10.4
9/5/2014	11:30:00	67	7.58	277	8.75	10.4
9/5/2014	12:00:00	66.8	7.57	278	8.86	10.4
9/5/2014	12:30:00	66.8	7.56	280	8.86	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
9/5/2014	13:00:00	66.7	7.55	281	8.87	10.4
9/5/2014	13:30:00	66.7	7.55	282	8.87	10.4
9/5/2014	14:00:00	66.8	7.55	283	8.87	10.4
9/5/2014	14:30:00	66.8	7.54	284	8.84	10.3
9/5/2014	15:00:00	66.8	7.54	285	8.81	10.3
9/5/2014	15:30:00	66.7	7.53	286	8.84	10.3
9/5/2014	16:00:00	66.6	7.53	286	8.84	10.4
9/5/2014	16:30:00	66.6	7.53	287	8.82	10.3
9/5/2014	17:00:00	66.6	7.52	287	8.82	10.3
9/5/2014	17:30:00	66.5	7.52	287	8.81	10.3
9/5/2014	18:00:00	66.4	7.51	287	8.83	10.3
9/5/2014	18:30:00	66.4	7.51	287	8.79	10.3
9/5/2014	19:00:00	66.4	7.5	287	8.79	10.3
9/5/2014	19:30:00	66.4	7.5	287	8.8	10.3
9/5/2014	20:00:00	66.4	7.5	286	8.78	10.3
9/5/2014	20:30:00	66.4	7.49	287	8.79	10.3
9/5/2014	21:00:00	66.4	7.49	286	8.82	10.3
9/5/2014	21:30:00	66.4	7.49	286	8.81	10.3
9/5/2014	22:00:00	66.3	7.49	286	8.82	10.3
9/5/2014	22:30:00	66.3	7.48	286	8.83	10.3
9/5/2014	23:00:00	66.3	7.48	286	8.86	10.3
9/5/2014	23:30:00	66.3	7.48	286	8.86	10.3
9/6/2014	0:00:00	66.4	7.48	285	8.86	10.3
9/6/2014	0:30:00	66.4	7.48	285	8.92	10.3
9/6/2014	1:00:00	66.3	7.48	284	8.89	10.3
9/6/2014	1:30:00	66.3	7.47	284	8.91	10.3
9/6/2014	2:00:00	66.3	7.47	284	8.89	10.3
9/6/2014	2:30:00	66.3	7.47	283	8.9	10.3
9/6/2014	3:00:00	66.2	7.46	283	8.92	10.3
9/6/2014	3:30:00	66.2	7.46	282	8.93	10.3
9/6/2014	4:00:00	66.1	7.45	277	8.94	10.3
9/6/2014	4:30:00	66	7.45	275	8.95	10.3
9/6/2014	5:00:00	65.9	7.44	271	9.06	10.3
9/6/2014	5:30:00	65.8	7.43	268	9.08	10.3
9/6/2014	6:00:00	65.7	7.42	268	9.1	10.2
9/6/2014	6:30:00	65.7	7.42	268	9.04	10.3
9/6/2014	7:00:00	65.6	7.43	270	9.07	10.2
9/6/2014	7:30:00	65.6	7.42	269	9.07	10.2
9/6/2014	8:00:00	65.6	7.42	268	9.13	10.2
9/6/2014	8:30:00	65.6	7.42	266	9.19	10.2
9/6/2014	9:00:00	65.6	7.44	265	8.99	10.2
9/6/2014	9:30:00	65.6	7.41	261	8.93	10.2
9/6/2014	10:00:00	65.6	7.41	260	8.95	10.2
9/6/2014	10:30:00	65.6	7.41	257	8.94	10.2
9/6/2014	11:00:00	65.6	7.4	256	8.93	10.2
9/6/2014	11:30:00	65.6	7.4	254	8.95	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
9/6/2014	12:00:00	65.7	7.41	255	8.95	10.2
9/6/2014	12:30:00	65.9	7.41	256	8.91	10.2
9/6/2014	13:00:00	65.9	7.41	255	8.88	10.2
9/6/2014	13:30:00	65.9	7.41	253	8.88	10.2
9/6/2014	14:00:00	66.1	7.42	252	8.89	10.2
9/6/2014	14:30:00	66.1	7.41	249	8.92	10.2
9/6/2014	15:00:00	66.2	7.4	246	8.89	10.2
9/6/2014	15:30:00	66.2	7.4	243	8.82	10.2
9/6/2014	16:00:00	66.3	7.4	244	8.85	10.2
9/6/2014	16:30:00	66.4	7.4	241	8.82	10.2
9/6/2014	17:00:00	66.2	7.39	241	8.85	10.2
9/6/2014	17:30:00	66.2	7.39	240	8.87	10.2
9/6/2014	18:00:00	66.2	7.38	238	8.86	10.2
9/6/2014	18:30:00	66	7.37	236	8.84	10.2
9/6/2014	19:00:00	66	7.37	236	8.88	10.2
9/6/2014	19:30:00	65.9	7.36	233	8.85	10.2
9/6/2014	20:00:00	65.9	7.36	231	8.92	10.2
9/6/2014	20:30:00	65.9	7.35	231	8.9	10.2
9/6/2014	21:00:00	65.9	7.34	230	8.9	10.2
9/6/2014	21:30:00	65.8	7.34	230	8.93	10.2
9/6/2014	22:00:00	65.7	7.33	229	8.91	10.2
9/6/2014	22:30:00	65.7	7.33	228	8.95	10.2
9/6/2014	23:00:00	65.7	7.32	227	8.94	10.2
9/6/2014	23:30:00	65.7	7.31	227	8.9	10.2
9/7/2014	0:00:00	65.7	7.31	227	8.93	10.2
9/7/2014	0:30:00	65.7	7.31	227	8.95	10.2
9/7/2014	1:00:00	65.7	7.31	227	8.94	10.2
9/7/2014	1:30:00	65.7	7.31	227	8.94	10.2
9/7/2014	2:00:00	65.7	7.3	226	8.94	10.2
9/7/2014	2:30:00	65.7	7.3	226	8.99	10.2
9/7/2014	3:00:00	65.7	7.3	225	9.06	10.2
9/7/2014	3:30:00	65.7	7.29	224	9.04	10.2
9/7/2014	4:00:00	65.6	7.28	223	9.05	10.2
9/7/2014	4:30:00	65.6	7.27	223	9.08	10.2
9/7/2014	5:00:00	65.5	7.27	223	9.02	10.2
9/7/2014	5:30:00	65.5	7.26	223	9.03	10.2
9/7/2014	6:00:00	65.4	7.26	223	9.05	10.2
9/7/2014	6:30:00	65.3	7.26	223	9.12	10.2
9/7/2014	7:00:00	65.3	7.25	224	9.1	10.2
9/7/2014	7:30:00	65.2	7.26	223	9.12	10.2
9/7/2014	8:00:00	65.2	7.26	222	9.12	10.2
9/7/2014	8:30:00	65.1	7.26	220	9.21	10.2
9/7/2014	9:00:00	64.9	7.25	218	9.24	10.2
9/7/2014	9:30:00	64.8	7.23	217	9.21	10.2
9/7/2014	10:00:00	64.6	7.23	217	9.18	10.2
9/7/2014	10:30:00	64.5	7.27	216	9.24	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
9/7/2014	11:00:00	64.5	7.35	217	9.23	10.2
9/7/2014	11:30:00	64.5	7.27	216	9.26	10.2
9/7/2014	12:00:00	64.5	7.3	217	9.29	10.2
9/7/2014	12:30:00	64.5	7.23	215	8.8	10.2
9/7/2014	13:00:00	64.3	7.22	213	9.06	10.2
9/7/2014	13:30:00	64.3	7.2	212	8.99	10.2
9/7/2014	14:00:00	64.5	7.2	212	8.96	10.2
9/7/2014	14:30:00	64.7	7.21	211	8.94	10.2
9/7/2014	15:00:00	64.7	7.2	211	8.96	10.2
9/7/2014	15:30:00	64.7	7.2	210	8.9	10.2
9/7/2014	16:00:00	64.7	7.2	210	8.94	10.1
9/7/2014	16:30:00	64.8	7.2	210	8.92	10.1
9/7/2014	17:00:00	64.8	7.19	209	8.93	10.2
9/7/2014	17:30:00	64.9	7.18	209	8.88	10.1
9/7/2014	18:00:00	65	7.18	208	8.93	10.2
9/7/2014	18:30:00	65	7.18	207	8.93	10.2
9/7/2014	19:00:00	65.1	7.17	207	8.92	10.2
9/7/2014	19:30:00	65.2	7.17	206	8.9	10.2
9/7/2014	20:00:00	65.3	7.17	205	8.92	10.2
9/7/2014	20:30:00	65.3	7.17	205	8.89	10.1
9/7/2014	21:00:00	65.3	7.18	204	8.9	10.1
9/7/2014	21:30:00	65.3	7.18	204	8.85	10.1
9/7/2014	22:00:00	65.3	7.17	203	8.87	10.1
9/7/2014	22:30:00	65.3	7.17	202	8.89	10.1
9/7/2014	23:00:00	65.3	7.17	202	8.88	10.1
9/7/2014	23:30:00	65.3	7.17	200	8.89	10.1
9/8/2014	0:00:00	65.3	7.17	201	8.87	10.1
9/8/2014	0:30:00	65.2	7.17	201	8.89	10.1
9/8/2014	1:00:00	65.2	7.16	201	8.89	10.1
9/8/2014	1:30:00	65.1	7.16	200	8.9	10.1
9/8/2014	2:00:00	65.1	7.16	199	8.91	10.1
9/8/2014	2:30:00	65	7.15	199	8.9	10.1
9/8/2014	3:00:00	64.9	7.15	198	8.94	10.1
9/8/2014	3:30:00	64.8	7.14	197	8.9	10.1
9/8/2014	4:00:00	64.7	7.13	196	8.91	10.1
9/8/2014	4:30:00	64.5	7.13	195	8.92	10.1
9/8/2014	5:00:00	64.4	7.12	194	8.97	10.1
9/8/2014	5:30:00	64.2	7.12	194	8.97	10.1
9/8/2014	6:00:00	64	7.11	194	8.97	10.1
9/8/2014	6:30:00	63.9	7.1	193	9.01	10.1
9/8/2014	7:00:00	63.7	7.09	192	8.98	10.1
9/8/2014	7:30:00	63.6	7.09	191	9.04	10.1
9/8/2014	8:00:00	63.5	7.09	191	9.05	10.1
9/8/2014	8:30:00	63.5	7.09	191	9.03	10.1
9/8/2014	9:00:00	63.4	7.09	190	9.09	10.1
9/8/2014	9:30:00	63.4	7.09	189	9.1	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
9/8/2014	10:00:00	63.3	7.08	189	9.14	10.1
9/8/2014	10:30:00	63.3	7.08	188	9.12	10.1
9/8/2014	11:00:00	63.3	7.08	188	9.11	10.1
9/8/2014	11:30:00	63.4	7.09	188	9.11	10.1
9/8/2014	12:00:00	63.3	7.08	187	9.06	10.1
9/8/2014	12:30:00	63.5	7.08	187	9.07	10.1
9/8/2014	13:00:00	63.5	7.07	186	9.03	10.1
9/8/2014	13:30:00	63.6	7.08	185	9.06	10.1
9/8/2014	14:00:00	63.7	7.08	185	9.05	10.1
9/8/2014	14:30:00	63.8	7.08	185	9.03	10.1
9/8/2014	15:00:00	63.8	7.08	184	9.05	10.1
9/8/2014	15:30:00	63.8	7.08	184	9.01	10.1
9/8/2014	16:00:00	64	7.1	184	9	10.1
9/8/2014	16:30:00	64.1	7.1	184	9	10.1
9/8/2014	17:00:00	64.1	7.1	183	8.98	10.1
9/8/2014	17:30:00	64.2	7.1	183	9.03	10.1
9/8/2014	18:00:00	64.3	7.11	183	8.96	10.1
9/8/2014	18:30:00	64.5	7.1	182	8.98	10.1
9/8/2014	19:00:00	64.6	7.09	182	8.98	10.1
9/8/2014	19:30:00	64.6	7.1	182	8.96	10.1
9/8/2014	20:00:00	64.7	7.1	181	8.97	10.1
9/8/2014	20:30:00	64.7	7.1	180	8.97	10.1
9/8/2014	21:00:00	64.7	7.1	179	8.95	10.1
9/8/2014	21:30:00	64.7	7.1	179	8.95	10.1
9/8/2014	22:00:00	64.7	7.1	178	8.96	10.1
9/8/2014	22:30:00	64.7	7.1	178	8.96	10.1
9/8/2014	23:00:00	64.7	7.1	178	8.93	10.1
9/8/2014	23:30:00	64.7	7.1	178	8.95	10.1
9/9/2014	0:00:00	64.7	7.09	177	8.97	10.1
9/9/2014	0:30:00	64.6	7.09	177	8.94	10.1
9/9/2014	1:00:00	64.5	7.08	177	8.98	10.1
9/9/2014	1:30:00	64.5	7.07	176	8.99	10.1
9/9/2014	2:00:00	64.4	7.07	176	9.01	10.1
9/9/2014	2:30:00	64.3	7.06	176	9.07	10.1
9/9/2014	3:00:00	64.2	7.06	175	9.02	10.1
9/9/2014	3:30:00	64	7.05	175	9.01	10.1
9/9/2014	4:00:00	63.9	7.05	175	9.04	10.1
9/9/2014	4:30:00	63.8	7.05	174	9.06	10.1
9/9/2014	5:00:00	63.7	7.04	174	9.07	10.1
9/9/2014	5:30:00	63.6	7.04	173	9.08	10.1
9/9/2014	6:00:00	63.5	7.03	173	9.1	10.1
9/9/2014	6:30:00	63.4	7.03	172	9.11	10.1
9/9/2014	7:00:00	63.3	7.03	172	9.12	10.1
9/9/2014	7:30:00	63.3	7.03	171	9.13	10.1
9/9/2014	8:00:00	63.2	7.03	171	9.13	10.1
9/9/2014	8:30:00	63.2	7.03	171	9.18	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
9/9/2014	9:00:00	63.1	7.02	171	9.16	10.1
9/9/2014	9:30:00	63.1	7.03	171	9.2	10.1
9/9/2014	10:00:00	63.2	7.03	170	9.15	10.1
9/9/2014	10:30:00	63.1	7.03	170	9.17	10.1
9/9/2014	11:00:00	63.2	7.04	170	9.18	10.1
9/9/2014	11:30:00	63.1	7.04	170	9.17	10.1
9/9/2014	12:00:00	63.3	7.04	170	9.17	10.1
9/9/2014	12:30:00	63.3	7.04	170	9.21	10.1
9/9/2014	13:00:00	63.5	7.05	171	9.23	10.1
9/9/2014	13:30:00	63.7	7.09	173	8.92	10.1
9/9/2014	14:00:00	63.9	7.07	170	8.92	10.1
9/9/2014	14:30:00	63.6	7.05	170	8.98	10.1
9/9/2014	15:00:00	63.5	7.04	170	8.95	10.1
9/9/2014	15:30:00	63.6	7.04	170	8.97	10.1
9/9/2014	16:00:00	63.8	7.05	171	8.94	10.1
9/9/2014	16:30:00	63.8	7.05	171	8.92	10.1
9/9/2014	17:00:00	63.9	7.05	171	8.96	10.1
9/9/2014	17:30:00	63.9	7.05	171	8.94	10.1
9/9/2014	18:00:00	64	7.05	172	8.93	10.1
9/9/2014	18:30:00	64.1	7.05	172	8.91	10.1
9/9/2014	19:00:00	64.5	7.06	172	8.9	10.1
9/9/2014	19:30:00	64.8	7.07	173	8.9	10.1
9/9/2014	20:00:00	65	7.08	173	8.85	10.1
9/9/2014	20:30:00	65.2	7.09	174	8.82	10.1
9/9/2014	21:00:00	65.3	7.09	174	8.84	10.1
9/9/2014	21:30:00	65.3	7.1	174	8.83	10.1
9/9/2014	22:00:00	65.4	7.1	175	8.83	10.1
9/9/2014	22:30:00	65.5	7.09	174	8.83	10.1
9/9/2014	23:00:00	65.5	7.1	175	8.81	10.1
9/9/2014	23:30:00	65.6	7.11	175	8.81	10.1
9/10/2014	0:00:00	65.6	7.11	176	8.79	10.1
9/10/2014	0:30:00	65.6	7.11	176	8.81	10.1
9/10/2014	1:00:00	65.6	7.11	176	8.83	10.1
9/10/2014	1:30:00	65.6	7.11	177	8.79	10.1
9/10/2014	2:00:00	65.5	7.11	177	8.81	10.1
9/10/2014	2:30:00	65.5	7.11	177	8.81	10.1
9/10/2014	3:00:00	65.4	7.11	178	8.82	10.1
9/10/2014	3:30:00	65.4	7.11	178	8.81	10.1
9/10/2014	4:00:00	65.3	7.11	178	8.8	10.1
9/10/2014	4:30:00	65.2	7.11	178	8.79	10.1
9/10/2014	5:00:00	65.1	7.11	179	8.82	10.1
9/10/2014	5:30:00	65	7.11	180	8.81	10.1
9/10/2014	6:00:00	64.9	7.11	179	8.84	10.1
9/10/2014	6:30:00	64.8	7.11	179	8.89	10.1
9/10/2014	7:00:00	64.8	7.11	180	8.87	10.1
9/10/2014	7:30:00	64.6	7.11	181	8.86	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
9/10/2014	8:00:00	64.6	7.11	181	8.85	10.1
9/10/2014	8:30:00	64.5	7.11	181	8.86	10.1
9/10/2014	9:00:00	64.5	7.11	182	8.88	10.1
9/10/2014	9:30:00	64.4	7.12	181	8.82	10.1
9/10/2014	10:00:00	64.4	7.12	181	8.88	10
9/10/2014	10:30:00	64.4	7.12	182	8.84	10.1
9/10/2014	11:00:00	64.5	7.12	181	8.88	10.1
9/10/2014	11:30:00	64.4	7.12	182	8.85	10
9/10/2014	12:00:00	64.4	7.12	183	8.84	10.1
9/10/2014	12:30:00	64.4	7.11	183	8.85	10
9/10/2014	13:00:00	64.4	7.11	184	8.88	10
9/10/2014	13:30:00	64.4	7.12	184	8.84	10
9/10/2014	14:00:00	64.5	7.22	183	8.86	10
9/10/2014	14:30:00	69.3	7.12	183	8.75	12.3
9/10/2014	15:00:00	64.7	7.43	181	9.15	12.3
9/10/2014	15:30:00	64.5	7.39	182	9.19	12.3
9/10/2014	16:00:00	64.4	7.34	181	9.21	12.3
9/10/2014	16:30:00	64.3	7.32	182	9.2	12.3
9/10/2014	17:00:00	64.2	7.31	183	9.22	12.2
9/10/2014	17:30:00	64.1	7.29	184	9.26	12.2
9/10/2014	18:00:00	64	7.29	185	9.27	12.2
9/10/2014	18:30:00	63.9	7.29	186	9.3	12.2
9/10/2014	19:00:00	63.8	7.28	187	9.29	12.2
9/10/2014	19:30:00	63.8	7.28	187	9.31	12.2
9/10/2014	20:00:00	63.7	7.28	188	9.33	12.1
9/10/2014	20:30:00	63.6	7.28	189	9.37	12.1
9/10/2014	21:00:00	63.5	7.28	190	9.37	12.1
9/10/2014	21:30:00	63.4	7.29	191	9.4	12.1
9/10/2014	22:00:00	63.3	7.28	192	9.39	12.1
9/10/2014	22:30:00	63.3	7.28	191	9.44	12.1
9/10/2014	23:00:00	63.2	7.28	192	9.44	12.1
9/10/2014	23:30:00	63.1	7.27	192	9.44	12.1
9/11/2014	0:00:00	63	7.27	193	9.48	12.1
9/11/2014	0:30:00	63	7.27	194	9.48	12.1
9/11/2014	1:00:00	62.9	7.27	195	9.47	12.1
9/11/2014	1:30:00	62.9	7.27	194	9.51	12.1
9/11/2014	2:00:00	62.8	7.26	194	9.51	12.1
9/11/2014	2:30:00	62.7	7.26	195	9.52	12
9/11/2014	3:00:00	62.6	7.26	198	9.49	12
9/11/2014	3:30:00	62.4	7.25	200	9.53	12
9/11/2014	4:00:00	62.3	7.25	202	9.57	12
9/11/2014	4:30:00	62.2	7.25	203	9.59	12
9/11/2014	5:00:00	62	7.25	204	9.56	12
9/11/2014	5:30:00	61.9	7.26	206	9.65	12
9/11/2014	6:00:00	61.8	7.26	208	9.64	12
9/11/2014	6:30:00	61.6	7.26	208	9.68	12

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/11/2014	7:00:00	61.5	7.26	209	9.71	11.9
9/11/2014	7:30:00	61.4	7.25	210	9.65	11.9
9/11/2014	8:00:00	61.3	7.25	211	9.69	11.9
9/11/2014	8:30:00	61.2	7.26	212	9.72	11.9
9/11/2014	9:00:00	61.1	7.25	211	9.68	11.9
9/11/2014	9:30:00	61	7.25	211	9.62	11.9
9/11/2014	10:00:00	61	7.25	213	9.73	11.8
9/11/2014	10:30:00	60.9	7.25	213	9.73	11.8
9/11/2014	11:00:00	60.9	7.25	213	9.75	11.8
9/11/2014	11:30:00	60.8	7.25	212	9.74	11.8
9/11/2014	12:00:00	60.8	7.25	212	9.73	11.8
9/11/2014	12:30:00	60.8	7.25	212	9.74	11.8
9/11/2014	13:00:00	60.7	7.26	214	9.76	11.8
9/11/2014	13:30:00	60.6	7.25	214	9.71	11.8
9/11/2014	14:00:00	60.6	7.25	213	9.76	11.8
9/11/2014	14:30:00	60.6	7.25	213	9.77	11.8
9/11/2014	15:00:00	60.5	7.25	214	9.7	11.8
9/11/2014	15:30:00	60.5	7.25	213	9.68	11.8
9/11/2014	16:00:00	60.4	7.25	213	9.69	11.8
9/11/2014	16:30:00	60.4	7.24	213	9.71	11.8
9/11/2014	17:00:00	60.3	7.24	213	9.74	11.8
9/11/2014	17:30:00	60.2	7.24	213	9.73	11.8
9/11/2014	18:00:00	60.2	7.24	212	9.76	11.8
9/11/2014	18:30:00	60.1	7.24	213	9.76	11.8
9/11/2014	19:00:00	60.1	7.23	213	9.79	11.8
9/11/2014	19:30:00	60	7.23	212	9.85	11.8
9/11/2014	20:00:00	60	7.23	213	9.83	11.8
9/11/2014	20:30:00	60	7.23	213	9.85	11.8
9/11/2014	21:00:00	59.9	7.23	213	9.86	11.8
9/11/2014	21:30:00	59.9	7.25	213	9.84	11.8
9/11/2014	22:00:00	59.8	7.34	213	9.89	11.8
9/11/2014	22:30:00	59.8	7.27	213	9.91	11.8
9/11/2014	23:00:00	59.7	7.24	214	9.9	11.8
9/11/2014	23:30:00	59.7	7.23	214	9.96	11.7
9/12/2014	0:00:00	59.6	7.23	214	9.96	11.8
9/12/2014	0:30:00	59.6	7.22	214	9.96	11.7
9/12/2014	1:00:00	59.5	7.22	214	9.94	11.7
9/12/2014	1:30:00	59.5	7.21	214	9.96	11.7
9/12/2014	2:00:00	59.4	7.21	214	10	11.7
9/12/2014	2:30:00	59.3	7.21	214	9.98	11.7
9/12/2014	3:00:00	59.2	7.2	213	9.99	11.7
9/12/2014	3:30:00	59.1	7.2	214	10.04	11.7
9/12/2014	4:00:00	59.1	7.2	214	10.03	11.7
9/12/2014	4:30:00	59	7.2	213	10.02	11.7
9/12/2014	5:00:00	58.9	7.19	214	10.04	11.7
9/12/2014	5:30:00	58.8	7.19	214	10.11	11.7

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/12/2014	6:00:00	58.7	7.19	214	10.03	11.6
9/12/2014	6:30:00	58.6	7.18	214	10.12	11.6
9/12/2014	7:00:00	58.5	7.18	214	10.13	11.6
9/12/2014	7:30:00	58.4	7.18	214	10.15	11.6
9/12/2014	8:00:00	58.3	7.18	215	10.16	11.6
9/12/2014	8:30:00	58.2	7.17	215	10.09	11.6
9/12/2014	9:00:00	58.1	7.14	215	9.32	11.6
9/12/2014	9:30:00	58	7.13	214	9.38	11.6
9/12/2014	10:00:00	57.9	7.14	215	9.61	11.6
9/12/2014	10:30:00	57.9	7.15	216	9.64	11.6
9/12/2014	11:00:00	57.8	7.14	215	9.44	11.5
9/12/2014	11:30:00	57.7	7.14	216	9.49	11.5
9/12/2014	12:00:00	57.6	7.16	216	10.01	11.6
9/12/2014	12:30:00	57.6	7.15	215	9.98	11.5
9/12/2014	13:00:00	57.5	7.15	215	9.94	11.5
9/12/2014	13:30:00	57.4	7.15	215	9.99	11.5
9/12/2014	14:00:00	57.3	7.15	216	9.98	11.5
9/12/2014	14:30:00	57.2	7.14	215	10.07	11.5
9/12/2014	15:00:00	57	7.14	215	10.05	11.4
9/12/2014	15:30:00	57	7.14	216	10.04	11.4
9/12/2014	16:00:00	56.9	7.14	216	10.07	11.4
9/12/2014	16:30:00	56.8	7.13	216	10.16	11.4
9/12/2014	17:00:00	56.7	7.13	216	10.11	11.4
9/12/2014	17:30:00	56.8	7.14	215	10.12	11.4
9/12/2014	18:00:00	56.8	7.13	216	10.11	11.4
9/12/2014	18:30:00	56.8	7.13	215	10.06	11.4
9/12/2014	19:00:00	56.7	7.13	216	10.11	11.4
9/12/2014	19:30:00	56.6	7.13	216	10.17	11.4
9/12/2014	20:00:00	56.5	7.13	215	10.24	11.4
9/12/2014	20:30:00	56.5	7.13	215	10.23	11.4
9/12/2014	21:00:00	56.4	7.13	216	10.25	11.4
9/12/2014	21:30:00	56.4	7.13	215	10.25	11.4
9/12/2014	22:00:00	56.3	7.13	215	10.23	11.4
9/12/2014	22:30:00	56.3	7.13	215	10.3	11.4
9/12/2014	23:00:00	56.3	7.13	214	10.3	11.4
9/12/2014	23:30:00	56.2	7.12	214	10.29	11.4
9/13/2014	0:00:00	56.2	7.12	214	10.29	11.4
9/13/2014	0:30:00	56.1	7.12	215	10.3	11.4
9/13/2014	1:00:00	56.1	7.12	214	10.32	11.4
9/13/2014	1:30:00	56	7.11	214	10.31	11.4
9/13/2014	2:00:00	56	7.11	215	10.32	11.4
9/13/2014	2:30:00	55.9	7.11	214	10.34	11.4
9/13/2014	3:00:00	55.8	7.11	214	10.32	11.4
9/13/2014	3:30:00	55.8	7.1	214	10.34	11.4
9/13/2014	4:00:00	55.7	7.1	214	10.38	11.4
9/13/2014	4:30:00	55.6	7.1	214	10.42	11.4

Water Quality Monitoring Data September 01-15, 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
9/13/2014	5:00:00	55.6	7.1	213	10.45	11.4
9/13/2014	5:30:00	55.5	7.1	214	10.42	11.4
9/13/2014	6:00:00	55.4	7.09	213	10.44	11.4
9/13/2014	6:30:00	55.3	7.09	214	10.46	11.4
9/13/2014	7:00:00	55.2	7.08	213	10.43	11.4
9/13/2014	7:30:00	55.1	7.08	213	10.49	11.4
9/13/2014	8:00:00	55	7.08	213	10.55	11.4
9/13/2014	8:30:00	55	7.08	212	10.52	11.4
9/13/2014	9:00:00	55	7.08	212	10.57	11.4
9/13/2014	9:30:00	55	7.08	212	10.57	11.3
9/13/2014	10:00:00	55	7.08	212	10.6	11.4
9/13/2014	10:30:00	55	7.08	211	10.53	11.3
9/13/2014	11:00:00	55	7.08	212	10.57	11.3
9/13/2014	11:30:00	55.1	7.09	212	10.54	11.3
9/13/2014	12:00:00	55.2	7.09	212	10.54	11.3
9/13/2014	12:30:00	55.1	7.09	211	10.57	11.3
9/13/2014	13:00:00	55	7.09	212	10.49	11.3
9/13/2014	13:30:00	55.1	7.1	212	10.53	11.3
9/13/2014	14:00:00	55.1	7.1	211	10.55	11.3
9/13/2014	14:30:00	55.2	7.1	211	10.51	11.3
9/13/2014	15:00:00	55.1	7.1	211	10.59	11.3
9/13/2014	15:30:00	55.1	7.1	211	10.59	11.3
9/13/2014	16:00:00	55	7.1	211	10.58	11.3
9/13/2014	16:30:00	54.9	7.09	211	10.59	11.3
9/13/2014	17:00:00	54.8	7.09	210	10.6	11.3
9/13/2014	17:30:00	54.7	7.09	210	10.62	11.2
9/13/2014	18:00:00	54.8	7.08	211	10.61	11.2
9/13/2014	18:30:00	54.8	7.08	211	10.57	11.2
9/13/2014	19:00:00	54.7	7.08	210	10.62	11.2
9/13/2014	19:30:00	54.7	7.08	210	10.63	11.2
9/13/2014	20:00:00	54.7	7.07	210	10.57	11.2
9/13/2014	20:30:00	54.6	7.07	210	10.61	11.2
9/13/2014	21:00:00	54.6	7.07	210	10.63	11.2
9/13/2014	21:30:00	54.7	7.07	210	10.6	11.2
9/13/2014	22:00:00	54.8	7.07	210	10.58	11.2
9/13/2014	22:30:00	54.8	7.08	210	10.59	11.2
9/13/2014	23:00:00	54.8	7.08	209	10.61	11.2
9/13/2014	23:30:00	54.8	7.08	209	10.61	11.2
9/14/2014	0:00:00	54.9	7.08	210	10.62	11.2
9/14/2014	0:30:00	54.9	7.08	209	10.6	11.2
9/14/2014	1:00:00	54.9	7.09	209	10.61	11.2
9/14/2014	1:30:00	54.9	7.08	209	10.58	11.2
9/14/2014	2:00:00	54.9	7.08	209	10.59	11.2
9/14/2014	2:30:00	54.9	7.08	209	10.62	11.2
9/14/2014	3:00:00	54.8	7.08	208	10.6	11.2
9/14/2014	3:30:00	54.8	7.08	208	10.64	11.2

Water Quality Monitoring Data September 01-15, 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
9/14/2014	4:00:00	54.8	7.08	208	10.62	11.1
9/14/2014	4:30:00	54.7	7.08	208	10.63	11.2
9/14/2014	5:00:00	54.7	7.07	208	10.59	11.2
9/14/2014	5:30:00	54.6	7.07	208	10.59	11.1
9/14/2014	6:00:00	54.5	7.07	207	10.63	11.1
9/14/2014	6:30:00	54.4	7.06	207	10.65	11.1
9/14/2014	7:00:00	54.3	7.06	207	10.7	11.1
9/14/2014	7:30:00	54.2	7.06	207	10.71	11.1
9/14/2014	8:00:00	54.1	7.05	206	10.72	11.1
9/14/2014	8:30:00	53.9	7.05	207	10.76	11.1
9/14/2014	9:00:00	53.8	7.05	206	10.77	11.1
9/14/2014	9:30:00	53.7	7.04	206	10.76	11.1
9/14/2014	10:00:00	53.6	7.04	206	10.76	11.1
9/14/2014	10:30:00	53.7	7.05	206	10.8	11.1
9/14/2014	11:00:00	53.7	7.05	205	10.82	11.1
9/14/2014	11:30:00	53.6	7.05	205	10.83	11.1
9/14/2014	12:00:00	53.6	7.05	205	10.83	11.1
9/14/2014	12:30:00	53.7	7.05	204	10.85	11.1
9/14/2014	13:00:00	53.8	7.05	205	10.78	11.1
9/14/2014	13:30:00	54	7.06	205	10.77	11.1
9/14/2014	14:00:00	54.1	7.07	205	10.71	11.1
9/14/2014	14:30:00	54.2	7.07	205	10.73	11.1
9/14/2014	15:00:00	54.3	7.08	206	10.69	11.1
9/14/2014	15:30:00	54.4	7.08	205	10.67	11.1
9/14/2014	16:00:00	54.3	7.09	205	10.71	11.1
9/14/2014	16:30:00	54.4	7.09	205	10.71	11.1
9/14/2014	17:00:00	54.5	7.09	205	10.7	11.1
9/14/2014	17:30:00	54.5	7.09	205	10.67	11.1
9/14/2014	18:00:00	54.5	7.09	204	10.68	11.1
9/14/2014	18:30:00	54.5	7.09	204	10.7	11.1
9/14/2014	19:00:00	54.6	7.09	204	10.65	11.1
9/14/2014	19:30:00	54.7	7.09	204	10.62	11.1
9/14/2014	20:00:00	54.8	7.09	204	10.66	11.1
9/14/2014	20:30:00	54.8	7.09	204	10.62	11.1
9/14/2014	21:00:00	54.9	7.1	203	10.61	11.1
9/14/2014	21:30:00	55	7.1	204	10.61	11.1
9/14/2014	22:00:00	55	7.1	204	10.63	11.1
9/14/2014	22:30:00	55	7.09	203	10.64	11.1
9/14/2014	23:00:00	55	7.09	203	10.63	11.1
9/14/2014	23:30:00	55.1	7.09	204	10.63	11.1
9/15/2014	0:00:00	55.1	7.09	203	10.64	11.1
9/15/2014	0:30:00	55.1	7.09	203	10.6	11.1
9/15/2014	1:00:00	55.1	7.09	203	10.66	11.1
9/15/2014	1:30:00	55.1	7.08	203	10.68	11.1
9/15/2014	2:00:00	55.1	7.08	203	10.64	11.1
9/15/2014	2:30:00	55	7.08	203	10.63	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
9/15/2014	3:00:00	55	7.08	203	10.68	11.1
9/15/2014	3:30:00	55	7.08	203	10.65	11.1
9/15/2014	4:00:00	55	7.08	203	10.63	11.1
9/15/2014	4:30:00	54.9	7.07	203	10.64	11.1
9/15/2014	5:00:00	54.9	7.07	204	10.67	11.1
9/15/2014	5:30:00	54.9	7.07	204	10.66	11.1
9/15/2014	6:00:00	54.8	7.07	203	10.62	11.1
9/15/2014	6:30:00	54.8	7.06	203	10.65	11.1
9/15/2014	7:00:00	54.7	7.06	204	10.66	11.1
9/15/2014	7:30:00	54.7	7.06	203	10.68	11.1
9/15/2014	8:00:00	54.6	7.06	203	10.69	11.1
9/15/2014	8:30:00	54.6	7.06	203	10.73	11.1
9/15/2014	9:00:00	54.6	7.06	203	10.73	11.1
9/15/2014	9:30:00	54.5	7.05	204	10.8	11.1
9/15/2014	10:00:00	54.5	7.05	203	10.71	11.1
9/15/2014	10:30:00	54.4	7.05	203	10.74	11.1
9/15/2014	11:00:00	54.4	7.06	204	10.75	11.1
9/15/2014	11:30:00	54.4	7.06	204	10.72	11.1
9/15/2014	12:00:00	54.5	7.06	204	10.72	11.1
9/15/2014	12:30:00	54.5	7.06	204	10.68	11.1
9/15/2014	13:00:00	54.5	7.06	204	10.71	11.1
9/15/2014	13:30:00	54.5	7.06	204	10.7	11.1
9/15/2014	14:00:00	54.5	7.58	204	10.48	10.9
9/15/2014	14:30:00	54.5	7.58	205	10.47	10.9
9/15/2014	15:00:00	54.6	7.63	204	10.46	11
9/15/2014	15:30:00	54.7	7.6	205	10.4	10.9
9/15/2014	16:00:00	54.7	7.58	204	10.39	11
9/15/2014	16:30:00	54.8	7.59	206	10.29	11
9/15/2014	17:00:00	55	7.53	205	10.2	11
9/15/2014	17:30:00	55.1	7.52	205	10.26	11
9/15/2014	18:00:00	55.1	7.5	205	10.29	11
9/15/2014	18:30:00	55.2	7.5	205	10.26	11
9/15/2014	19:00:00	55.2	7.48	206	10.3	11
9/15/2014	19:30:00	55.2	7.47	206	10.26	11
9/15/2014	20:00:00	55.1	7.46	206	10.3	11
9/15/2014	20:30:00	55.1	7.45	207	10.28	11
9/15/2014	21:00:00	55	7.44	206	10.3	11
9/15/2014	21:30:00	55	7.43	206	10.28	11
9/15/2014	22:00:00	55	7.42	207	10.32	11
9/15/2014	22:30:00	55	7.42	206	10.29	11
9/15/2014	23:00:00	55	7.41	207	10.28	11
9/15/2014	23:30:00	55	7.4	206	10.25	11
Average		63.02	7.33	232.31	9.19	10.72
High		69.70	7.88	317.00	10.85	12.30
Low		53.60	7.02	170.00	7.48	10.00

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Hydrolab MS5 60752

Log File Name : SEPT16-OCT1-OFLW

Setup Date (M/D/YYYY) : 9/15/2014

Setup Time (HH:MM:SS) : 13:52:11

Starting Date (M/D/YYYY) : 9/16/2014

Starting Time (HH:MM:SS) : 12:00:00

Stopping Date (M/D/YYYY) : 9/30/2014

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
9/16/2014	0:00:00	55	7.4	207	10.32	11
9/16/2014	0:30:00	55	7.39	207	10.32	11
9/16/2014	1:00:00	54.9	7.38	207	10.31	11
9/16/2014	1:30:00	54.9	7.37	207	10.31	11
9/16/2014	2:00:00	55	7.37	207	10.32	11
9/16/2014	2:30:00	55	7.37	207	10.33	11
9/16/2014	3:00:00	54.9	7.36	207	10.32	11
9/16/2014	3:30:00	54.9	7.36	207	10.3	11
9/16/2014	4:00:00	54.9	7.35	207	10.32	11
9/16/2014	4:30:00	54.9	7.34	208	10.35	11
9/16/2014	5:00:00	54.8	7.34	208	10.33	11
9/16/2014	5:30:00	54.8	7.33	208	10.35	11
9/16/2014	6:00:00	54.7	7.33	207	10.35	11
9/16/2014	6:30:00	54.7	7.33	207	10.29	11
9/16/2014	7:00:00	54.6	7.32	208	10.38	11
9/16/2014	7:30:00	54.5	7.32	208	10.35	11
9/16/2014	8:00:00	54.5	7.32	208	10.37	11
9/16/2014	8:30:00	54.5	7.31	208	10.36	11
9/16/2014	9:00:00	54.5	7.32	208	10.4	11
9/16/2014	9:30:00	54.5	7.32	208	10.4	11
9/16/2014	10:00:00	54.5	7.31	208	10.23	11
9/16/2014	10:30:00	54.5	7.31	208	10.27	11
9/16/2014	11:00:00	54.5	7.31	209	10.24	11
9/16/2014	11:30:00	54.5	7.31	208	10.28	11
9/16/2014	12:00:00	54.6	7.31	208	10.22	11
9/16/2014	12:30:00	54.8	7.32	209	10.2	11
9/16/2014	13:00:00	55	7.32	209	10.16	11
9/16/2014	13:30:00	55.1	7.32	209	10.11	10.9
9/16/2014	14:00:00	55.1	7.33	209	10.12	11
9/16/2014	14:30:00	55	7.32	210	10.12	11
9/16/2014	15:00:00	55.1	7.33	210	10.15	10.9
9/16/2014	15:30:00	55.2	7.33	210	10.1	10.9
9/16/2014	16:00:00	55.2	7.33	210	10.08	10.9
9/16/2014	16:30:00	55.1	7.33	211	10.14	10.9

Water Quality Monitoring Data September 16-30, 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
9/16/2014	17:00:00	55	7.32	211	10.09	10.9
9/16/2014	17:30:00	55	7.32	211	10.07	10.9
9/16/2014	18:00:00	55.1	7.32	211	10.07	10.9
9/16/2014	18:30:00	55.2	7.32	211	10.1	10.9
9/16/2014	19:00:00	55.2	7.32	211	10.1	10.9
9/16/2014	19:30:00	55.2	7.32	211	10.09	10.9
9/16/2014	20:00:00	55.2	7.32	212	10.12	10.9
9/16/2014	20:30:00	55.3	7.32	212	10.07	10.9
9/16/2014	21:00:00	55.3	7.32	212	10.07	10.9
9/16/2014	21:30:00	55.3	7.32	212	10.11	10.9
9/16/2014	22:00:00	55.3	7.31	213	10.11	10.9
9/16/2014	22:30:00	55.3	7.31	212	10.08	10.9
9/16/2014	23:00:00	55.3	7.31	212	10.09	10.9
9/16/2014	23:30:00	55.4	7.31	213	10.1	10.9
9/17/2014	0:00:00	55.4	7.31	213	10.11	10.9
9/17/2014	0:30:00	55.4	7.31	213	10.1	10.9
9/17/2014	1:00:00	55.4	7.31	213	10.06	10.9
9/17/2014	1:30:00	55.5	7.31	213	10.05	10.9
9/17/2014	2:00:00	55.5	7.31	213	10.11	10.9
9/17/2014	2:30:00	55.5	7.31	213	10.06	10.8
9/17/2014	3:00:00	55.5	7.31	213	10.08	10.9
9/17/2014	3:30:00	55.5	7.31	214	10.09	10.8
9/17/2014	4:00:00	55.5	7.31	213	10.07	10.8
9/17/2014	4:30:00	55.5	7.3	214	10.06	10.8
9/17/2014	5:00:00	55.5	7.3	213	10.08	10.8
9/17/2014	5:30:00	55.5	7.3	214	10.06	10.8
9/17/2014	6:00:00	55.5	7.3	214	10.08	10.8
9/17/2014	6:30:00	55.4	7.3	214	10.06	10.8
9/17/2014	7:00:00	55.4	7.29	214	10.08	10.8
9/17/2014	7:30:00	55.3	7.3	214	10.09	10.8
9/17/2014	8:00:00	55.3	7.28	215	9.94	10.8
9/17/2014	8:30:00	55.3	7.26	215	9.67	10.8
9/17/2014	9:00:00	55.4	7.28	215	9.77	10.8
9/17/2014	9:30:00	55.5	7.27	215	9.57	10.8
9/17/2014	10:00:00	55.5	7.26	215	9.52	10.8
9/17/2014	10:30:00	55.7	7.27	216	9.53	10.8
9/17/2014	11:00:00	55.8	7.27	216	9.53	10.8
9/17/2014	11:30:00	55.9	7.28	215	9.54	10.8
9/17/2014	12:00:00	56	7.28	216	9.52	10.8
9/17/2014	12:30:00	56.1	7.29	215	9.54	10.8
9/17/2014	13:00:00	56.2	7.29	215	9.48	10.8
9/17/2014	13:30:00	56.2	7.29	215	9.5	10.8
9/17/2014	14:00:00	56.3	7.29	216	9.56	10.8
9/17/2014	14:30:00	56.3	7.3	215	9.53	10.8
9/17/2014	15:00:00	56.4	7.3	216	9.52	10.8
9/17/2014	15:30:00	56.4	7.31	216	9.65	10.8

Water Quality Monitoring Data September 16-30, 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
9/17/2014	16:00:00	56.2	7.32	216	9.82	10.8
9/17/2014	16:30:00	56.2	7.32	217	9.89	10.8
9/17/2014	17:00:00	56.3	7.32	218	9.74	10.8
9/17/2014	17:30:00	56.5	7.32	218	9.72	10.8
9/17/2014	18:00:00	56.3	7.32	218	9.72	10.8
9/17/2014	18:30:00	56.2	7.32	218	9.73	10.8
9/17/2014	19:00:00	56.2	7.32	218	9.74	10.8
9/17/2014	19:30:00	56.3	7.32	218	9.71	10.8
9/17/2014	20:00:00	56.1	7.32	218	9.74	10.8
9/17/2014	20:30:00	56	7.31	219	9.76	10.8
9/17/2014	21:00:00	55.9	7.31	220	9.78	10.8
9/17/2014	21:30:00	55.9	7.31	220	9.81	10.8
9/17/2014	22:00:00	55.8	7.3	219	9.83	10.8
9/17/2014	22:30:00	55.9	7.31	219	9.82	10.8
9/17/2014	23:00:00	55.8	7.3	219	9.79	10.8
9/17/2014	23:30:00	55.6	7.29	219	9.8	10.8
9/18/2014	0:00:00	55.6	7.29	219	9.78	10.8
9/18/2014	0:30:00	55.5	7.29	219	9.85	10.8
9/18/2014	1:00:00	55.5	7.29	219	9.85	10.8
9/18/2014	1:30:00	55.5	7.29	219	9.8	10.8
9/18/2014	2:00:00	55.6	7.29	219	9.88	10.8
9/18/2014	2:30:00	55.7	7.3	220	9.89	10.8
9/18/2014	3:00:00	55.7	7.3	220	9.9	10.8
9/18/2014	3:30:00	55.7	7.3	220	9.88	10.8
9/18/2014	4:00:00	55.7	7.3	220	9.86	10.8
9/18/2014	4:30:00	55.7	7.3	220	9.86	10.8
9/18/2014	5:00:00	55.7	7.3	220	9.87	10.8
9/18/2014	5:30:00	55.7	7.3	220	9.85	10.8
9/18/2014	6:00:00	55.6	7.3	220	9.89	10.8
9/18/2014	6:30:00	55.6	7.3	220	9.86	10.8
9/18/2014	7:00:00	55.6	7.3	220	9.9	10.8
9/18/2014	7:30:00	55.6	7.3	221	9.94	10.8
9/18/2014	8:00:00	55.6	7.31	221	9.97	10.8
9/18/2014	8:30:00	55.7	7.31	222	9.98	10.8
9/18/2014	9:00:00	55.7	7.3	223	9.79	10.8
9/18/2014	9:30:00	55.7	7.28	222	9.56	10.8
9/18/2014	10:00:00	55.8	7.28	222	9.52	10.8
9/18/2014	10:30:00	55.8	7.28	223	9.58	10.8
9/18/2014	11:00:00	55.9	7.29	223	9.6	10.8
9/18/2014	11:30:00	55.9	7.29	223	9.54	10.8
9/18/2014	12:00:00	55.9	7.29	222	9.53	10.8
9/18/2014	12:30:00	55.9	7.29	222	9.51	10.8
9/18/2014	13:00:00	55.9	7.28	222	9.52	10.8
9/18/2014	13:30:00	55.9	7.28	222	9.49	10.8
9/18/2014	14:00:00	55.8	7.27	223	9.43	10.8
9/18/2014	14:30:00	55.6	7.27	224	9.47	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
9/18/2014	15:00:00	55.4	7.28	224	9.52	10.8
9/18/2014	15:30:00	55.2	7.27	225	9.52	10.8
9/18/2014	16:00:00	55.2	7.27	225	9.53	10.8
9/18/2014	16:30:00	55.1	7.27	225	9.52	10.8
9/18/2014	17:00:00	55	7.26	225	9.49	10.8
9/18/2014	17:30:00	54.9	7.26	226	9.51	10.7
9/18/2014	18:00:00	54.9	7.25	226	9.48	10.7
9/18/2014	18:30:00	54.8	7.25	226	9.54	10.7
9/18/2014	19:00:00	54.8	7.25	226	9.51	10.7
9/18/2014	19:30:00	54.7	7.24	226	9.49	10.8
9/18/2014	20:00:00	54.6	7.24	226	9.49	10.7
9/18/2014	20:30:00	54.6	7.24	226	9.55	10.7
9/18/2014	21:00:00	54.7	7.24	226	9.5	10.7
9/18/2014	21:30:00	54.7	7.25	226	9.55	10.7
9/18/2014	22:00:00	54.9	7.25	227	9.52	10.7
9/18/2014	22:30:00	55	7.25	227	9.56	10.7
9/18/2014	23:00:00	55	7.25	227	9.5	10.7
9/18/2014	23:30:00	55	7.25	227	9.54	10.7
9/19/2014	0:00:00	55.1	7.25	227	9.55	10.7
9/19/2014	0:30:00	55.2	7.25	228	9.56	10.7
9/19/2014	1:00:00	55.2	7.25	227	9.58	10.7
9/19/2014	1:30:00	55.2	7.25	227	9.56	10.7
9/19/2014	2:00:00	55.3	7.25	227	9.55	10.7
9/19/2014	2:30:00	55.3	7.25	227	9.51	10.7
9/19/2014	3:00:00	55.3	7.26	227	9.56	10.7
9/19/2014	3:30:00	55.3	7.26	227	9.6	10.7
9/19/2014	4:00:00	55.4	7.26	228	9.6	10.7
9/19/2014	4:30:00	55.4	7.26	228	9.58	10.7
9/19/2014	5:00:00	55.4	7.26	228	9.55	10.7
9/19/2014	5:30:00	55.4	7.26	228	9.61	10.7
9/19/2014	6:00:00	55.4	7.27	228	9.63	10.7
9/19/2014	6:30:00	55.4	7.27	229	9.61	10.7
9/19/2014	7:00:00	55.5	7.27	228	9.64	10.7
9/19/2014	7:30:00	55.5	7.27	228	9.63	10.7
9/19/2014	8:00:00	55.5	7.27	229	9.65	10.7
9/19/2014	8:30:00	55.5	7.28	229	9.65	10.7
9/19/2014	9:00:00	55.6	7.31	231	9.81	10.7
9/19/2014	9:30:00	55.6	7.28	229	9.58	10.7
9/19/2014	10:00:00	55.7	7.29	229	9.58	10.7
9/19/2014	10:30:00	55.8	7.29	229	9.6	10.7
9/19/2014	11:00:00	55.9	7.29	229	9.59	10.7
9/19/2014	11:30:00	56	7.3	230	9.63	10.7
9/19/2014	12:00:00	56	7.3	230	9.6	10.7
9/19/2014	12:30:00	56.1	7.31	233	9.56	10.7
9/19/2014	13:00:00	56.1	7.31	233	9.6	10.7
9/19/2014	13:30:00	56.1	7.31	233	9.56	10.7

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/19/2014	14:00:00	56.1	7.32	233	9.61	10.7
9/19/2014	14:30:00	56.1	7.32	234	9.61	10.6
9/19/2014	15:00:00	56.2	7.32	233	9.59	10.7
9/19/2014	15:30:00	56.2	7.32	233	9.58	10.6
9/19/2014	16:00:00	56.1	7.32	233	9.56	10.7
9/19/2014	16:30:00	56.1	7.32	233	9.59	10.6
9/19/2014	17:00:00	56.1	7.32	233	9.56	10.6
9/19/2014	17:30:00	56.1	7.32	233	9.56	10.7
9/19/2014	18:00:00	56	7.32	233	9.54	10.6
9/19/2014	18:30:00	56.1	7.32	234	9.49	10.6
9/19/2014	19:00:00	56.1	7.32	235	9.49	10.6
9/19/2014	19:30:00	56.1	7.32	233	9.51	10.6
9/19/2014	20:00:00	56	7.31	234	9.51	10.6
9/19/2014	20:30:00	56	7.31	234	9.53	10.6
9/19/2014	21:00:00	56.1	7.31	235	9.52	10.6
9/19/2014	21:30:00	56.1	7.32	234	9.56	10.6
9/19/2014	22:00:00	56.2	7.32	235	9.56	10.6
9/19/2014	22:30:00	56.2	7.33	235	9.53	10.6
9/19/2014	23:00:00	56.2	7.33	234	9.58	10.6
9/19/2014	23:30:00	56.2	7.32	235	9.59	10.6
9/20/2014	0:00:00	56.2	7.33	236	9.58	10.6
9/20/2014	0:30:00	56.1	7.33	236	9.58	10.6
9/20/2014	1:00:00	56.1	7.33	236	9.57	10.6
9/20/2014	1:30:00	56.1	7.32	237	9.65	10.6
9/20/2014	2:00:00	56.1	7.33	236	9.6	10.6
9/20/2014	2:30:00	56.2	7.33	236	9.65	10.6
9/20/2014	3:00:00	56.4	7.34	237	9.63	10.6
9/20/2014	3:30:00	56.5	7.34	237	9.59	10.6
9/20/2014	4:00:00	56.5	7.34	236	9.6	10.6
9/20/2014	4:30:00	56.5	7.34	236	9.63	10.6
9/20/2014	5:00:00	56.6	7.34	237	9.63	10.6
9/20/2014	5:30:00	56.6	7.34	237	9.59	10.6
9/20/2014	6:00:00	56.6	7.34	237	9.61	10.6
9/20/2014	6:30:00	56.7	7.34	238	9.62	10.6
9/20/2014	7:00:00	56.7	7.34	237	9.64	10.6
9/20/2014	7:30:00	56.7	7.34	237	9.63	10.6
9/20/2014	8:00:00	56.8	7.35	237	9.6	10.6
9/20/2014	8:30:00	56.9	7.35	237	9.61	10.6
9/20/2014	9:00:00	57.3	7.4	245	9.68	10.6
9/20/2014	9:30:00	57.2	7.37	237	9.58	10.6
9/20/2014	10:00:00	57.3	7.38	237	9.56	10.6
9/20/2014	10:30:00	57.4	7.38	237	9.59	10.6
9/20/2014	11:00:00	57.5	7.39	239	9.62	10.6
9/20/2014	11:30:00	57.8	7.4	239	9.64	10.6
9/20/2014	12:00:00	58	7.41	239	9.64	10.6
9/20/2014	12:30:00	58.2	7.42	238	9.66	10.6

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/20/2014	13:00:00	58.4	7.43	239	9.64	10.6
9/20/2014	13:30:00	58.4	7.43	239	9.6	10.6
9/20/2014	14:00:00	58.5	7.43	240	9.61	10.6
9/20/2014	14:30:00	58.5	7.43	239	9.6	10.6
9/20/2014	15:00:00	58.6	7.44	240	9.58	10.6
9/20/2014	15:30:00	58.7	7.44	240	9.59	10.6
9/20/2014	16:00:00	58.6	7.43	240	9.54	10.6
9/20/2014	16:30:00	58.6	7.43	239	9.53	10.6
9/20/2014	17:00:00	58.7	7.43	240	9.5	10.6
9/20/2014	17:30:00	58.7	7.42	241	9.53	10.6
9/20/2014	18:00:00	58.8	7.42	241	9.46	10.6
9/20/2014	18:30:00	58.7	7.42	240	9.46	10.6
9/20/2014	19:00:00	58.7	7.42	241	9.47	10.6
9/20/2014	19:30:00	58.7	7.41	240	9.45	10.6
9/20/2014	20:00:00	58.6	7.41	242	9.39	10.6
9/20/2014	20:30:00	58.6	7.4	242	9.4	10.6
9/20/2014	21:00:00	58.6	7.41	242	9.38	10.6
9/20/2014	21:30:00	58.6	7.4	241	9.37	10.6
9/20/2014	22:00:00	58.6	7.4	243	9.38	10.6
9/20/2014	22:30:00	58.6	7.4	242	9.4	10.6
9/20/2014	23:00:00	58.6	7.4	242	9.42	10.6
9/20/2014	23:30:00	58.5	7.4	242	9.41	10.6
9/21/2014	0:00:00	58.6	7.4	242	9.42	10.6
9/21/2014	0:30:00	58.6	7.41	243	9.44	10.6
9/21/2014	1:00:00	58.6	7.41	244	9.43	10.6
9/21/2014	1:30:00	58.6	7.4	243	9.5	10.6
9/21/2014	2:00:00	58.6	7.41	243	9.48	10.6
9/21/2014	2:30:00	58.5	7.4	243	9.49	10.6
9/21/2014	3:00:00	58.5	7.41	243	9.47	10.6
9/21/2014	3:30:00	58.5	7.4	244	9.48	10.6
9/21/2014	4:00:00	58.5	7.4	244	9.47	10.6
9/21/2014	4:30:00	58.5	7.4	243	9.45	10.5
9/21/2014	5:00:00	58.5	7.4	245	9.52	10.6
9/21/2014	5:30:00	58.5	7.4	243	9.51	10.6
9/21/2014	6:00:00	58.5	7.4	244	9.52	10.5
9/21/2014	6:30:00	58.5	7.4	244	9.47	10.5
9/21/2014	7:00:00	58.5	7.39	244	9.49	10.5
9/21/2014	7:30:00	58.5	7.39	244	9.47	10.5
9/21/2014	8:00:00	58.4	7.39	244	9.5	10.5
9/21/2014	8:30:00	58.5	7.4	244	9.49	10.6
9/21/2014	9:00:00	58.5	7.4	245	9.55	10.6
9/21/2014	9:30:00	58.6	7.4	245	9.39	10.5
9/21/2014	10:00:00	58.6	7.41	245	9.42	10.5
9/21/2014	10:30:00	58.7	7.41	245	9.44	10.5
9/21/2014	11:00:00	58.7	7.41	242	9.41	10.5
9/21/2014	11:30:00	58.7	7.42	243	9.45	10.5

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/21/2014	12:00:00	58.7	7.42	243	9.41	10.5
9/21/2014	12:30:00	58.7	7.42	244	9.37	10.5
9/21/2014	13:00:00	58.7	7.42	244	9.39	10.5
9/21/2014	13:30:00	58.8	7.43	244	9.42	10.5
9/21/2014	14:00:00	58.9	7.43	244	9.43	10.5
9/21/2014	14:30:00	59	7.44	244	9.42	10.5
9/21/2014	15:00:00	59.1	7.44	244	9.38	10.5
9/21/2014	15:30:00	59.1	7.44	244	9.37	10.5
9/21/2014	16:00:00	59.1	7.44	248	9.44	10.5
9/21/2014	16:30:00	59.1	7.44	247	9.4	10.5
9/21/2014	17:00:00	59.1	7.44	249	9.41	10.5
9/21/2014	17:30:00	59	7.44	247	9.35	10.5
9/21/2014	18:00:00	59	7.43	248	9.37	10.5
9/21/2014	18:30:00	58.9	7.43	247	9.35	10.5
9/21/2014	19:00:00	58.8	7.43	248	9.34	10.5
9/21/2014	19:30:00	58.7	7.42	247	9.36	10.5
9/21/2014	20:00:00	58.7	7.42	248	9.35	10.5
9/21/2014	20:30:00	58.6	7.41	248	9.37	10.5
9/21/2014	21:00:00	58.5	7.41	247	9.32	10.5
9/21/2014	21:30:00	58.4	7.4	247	9.31	10.5
9/21/2014	22:00:00	58.4	7.39	247	9.3	10.5
9/21/2014	22:30:00	58.3	7.38	246	9.3	10.5
9/21/2014	23:00:00	58.2	7.38	248	9.36	10.5
9/21/2014	23:30:00	58.1	7.38	248	9.39	10.5
9/22/2014	0:00:00	58.1	7.38	248	9.4	10.5
9/22/2014	0:30:00	58	7.37	248	9.37	10.5
9/22/2014	1:00:00	57.9	7.37	248	9.44	10.5
9/22/2014	1:30:00	57.9	7.36	248	9.37	10.5
9/22/2014	2:00:00	57.8	7.36	248	9.44	10.5
9/22/2014	2:30:00	57.7	7.36	248	9.39	10.5
9/22/2014	3:00:00	57.7	7.35	247	9.42	10.5
9/22/2014	3:30:00	57.6	7.35	248	9.37	10.5
9/22/2014	4:00:00	57.6	7.35	249	9.37	10.5
9/22/2014	4:30:00	57.6	7.35	250	9.42	10.5
9/22/2014	5:00:00	57.5	7.35	250	9.41	10.5
9/22/2014	5:30:00	57.5	7.34	251	9.41	10.5
9/22/2014	6:00:00	57.5	7.34	251	9.4	10.5
9/22/2014	6:30:00	57.4	7.34	252	9.41	10.5
9/22/2014	7:00:00	57.4	7.35	253	9.47	10.5
9/22/2014	7:30:00	57.3	7.35	253	9.48	10.5
9/22/2014	8:00:00	57.4	7.35	254	9.49	10.5
9/22/2014	8:30:00	57.5	7.36	256	9.49	10.5
9/22/2014	9:00:00	57.5	7.35	254	9.23	10.5
9/22/2014	9:30:00	57.6	7.36	256	9.26	10.5
9/22/2014	10:00:00	57.8	7.37	257	9.31	10.5
9/22/2014	10:30:00	57.9	7.37	257	9.28	10.5

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/22/2014	11:00:00	58.1	7.38	257	9.3	10.5
9/22/2014	11:30:00	58.1	7.38	257	9.27	10.5
9/22/2014	12:00:00	58.2	7.38	256	9.28	10.5
9/22/2014	12:30:00	58.3	7.38	257	9.28	10.5
9/22/2014	13:00:00	58.4	7.39	257	9.31	10.5
9/22/2014	13:30:00	58.6	7.4	258	9.29	10.5
9/22/2014	14:00:00	58.7	7.41	258	9.3	10.5
9/22/2014	14:30:00	58.9	7.41	260	9.27	10.5
9/22/2014	15:00:00	59	7.42	259	9.27	10.5
9/22/2014	15:30:00	59.2	7.43	261	9.29	10.5
9/22/2014	16:00:00	59.2	7.43	259	9.26	10.4
9/22/2014	16:30:00	59.1	7.42	260	9.26	10.5
9/22/2014	17:00:00	59	7.44	259	9.15	10.4
9/22/2014	18:00:00	58.9	7.75	258	9.08	12.2
9/22/2014	18:30:00	58.7	7.74	261	9.09	12.2
9/22/2014	19:00:00	58.4	7.72	261	9.09	12.1
9/22/2014	19:30:00	58.3	7.7	262	9.13	12.1
9/22/2014	20:00:00	58.1	7.67	263	9.09	12.1
9/22/2014	20:30:00	58.1	7.66	264	9.14	12.1
9/22/2014	21:00:00	57.9	7.64	263	9.11	12.1
9/22/2014	21:30:00	57.8	7.63	265	9.16	12.1
9/22/2014	22:00:00	57.7	7.61	265	9.14	12.1
9/22/2014	22:30:00	57.7	7.6	267	9.17	12.1
9/22/2014	23:00:00	57.6	7.6	265	9.19	12.1
9/22/2014	23:30:00	57.6	7.59	266	9.21	12.1
9/23/2014	0:00:00	57.6	7.58	265	9.24	12.1
9/23/2014	0:30:00	57.5	7.57	266	9.2	12.1
9/23/2014	1:00:00	57.5	7.57	265	9.27	12
9/23/2014	1:30:00	57.4	7.56	266	9.22	12
9/23/2014	2:00:00	57.4	7.55	266	9.2	12
9/23/2014	2:30:00	57.4	7.55	267	9.24	12
9/23/2014	3:00:00	57.3	7.54	265	9.24	11.9
9/23/2014	3:30:00	57.3	7.54	267	9.27	11.9
9/23/2014	4:00:00	57.3	7.53	266	9.27	11.9
9/23/2014	4:30:00	57.3	7.53	266	9.29	11.9
9/23/2014	5:00:00	57.2	7.53	266	9.32	11.9
9/23/2014	5:30:00	57.2	7.52	266	9.34	11.8
9/23/2014	6:00:00	57.2	7.52	266	9.33	11.9
9/23/2014	6:30:00	57.1	7.51	266	9.34	11.8
9/23/2014	7:00:00	57.1	7.51	266	9.39	11.8
9/23/2014	7:30:00	57.1	7.51	265	9.4	11.8
9/23/2014	8:00:00	57.1	7.51	265	9.41	11.8
9/23/2014	8:30:00	57.2	7.51	266	9.43	11.8
9/23/2014	9:00:00	57.3	7.52	265	9.45	11.8
9/23/2014	9:30:00	57.5	7.51	267	9.31	11.8
9/23/2014	10:00:00	57.6	7.52	266	9.31	11.8

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/23/2014	10:30:00	57.7	7.52	267	9.32	11.8
9/23/2014	11:00:00	57.9	7.53	266	9.34	11.8
9/23/2014	11:30:00	58.2	7.53	266	9.32	11.8
9/23/2014	12:00:00	58.5	7.54	267	9.36	11.8
9/23/2014	12:30:00	58.7	7.54	267	9.34	11.8
9/23/2014	13:00:00	59	7.56	267	9.34	11.8
9/23/2014	13:30:00	59	7.55	267	9.33	11.8
9/23/2014	14:00:00	59.1	7.56	268	9.3	11.8
9/23/2014	14:30:00	59.3	7.56	268	9.32	11.8
9/23/2014	15:00:00	59.2	7.56	267	9.31	11.8
9/23/2014	15:30:00	59.2	7.56	268	9.29	11.8
9/23/2014	16:00:00	59.2	7.55	268	9.26	11.8
9/23/2014	16:30:00	59	7.55	267	9.28	11.8
9/23/2014	17:00:00	58.9	7.54	267	9.24	11.7
9/23/2014	17:30:00	58.9	7.53	267	9.23	11.8
9/23/2014	18:00:00	58.9	7.53	268	9.18	11.7
9/23/2014	18:30:00	58.7	7.52	267	9.16	11.7
9/23/2014	19:00:00	58.6	7.51	267	9.16	11.7
9/23/2014	19:30:00	58.6	7.51	268	9.18	11.7
9/23/2014	20:00:00	58.5	7.5	269	9.16	11.7
9/23/2014	20:30:00	58.4	7.5	268	9.16	11.7
9/23/2014	21:00:00	58.3	7.49	268	9.11	11.7
9/23/2014	21:30:00	58.2	7.48	266	9.07	11.7
9/23/2014	22:00:00	58.2	7.47	267	9.1	11.7
9/23/2014	22:30:00	58.1	7.47	267	9.11	11.7
9/23/2014	23:00:00	58.1	7.47	268	9.16	11.7
9/23/2014	23:30:00	58.1	7.47	267	9.18	11.6
9/24/2014	0:00:00	58.1	7.47	268	9.19	11.7
9/24/2014	0:30:00	58.1	7.47	269	9.22	11.6
9/24/2014	1:00:00	58.1	7.47	268	9.24	11.6
9/24/2014	1:30:00	58.1	7.47	268	9.29	11.6
9/24/2014	2:00:00	58.1	7.48	268	9.32	11.6
9/24/2014	2:30:00	58.1	7.48	269	9.32	11.6
9/24/2014	3:00:00	58	7.48	268	9.32	11.6
9/24/2014	3:30:00	58	7.48	268	9.33	11.6
9/24/2014	4:00:00	57.9	7.47	266	9.35	11.6
9/24/2014	4:30:00	58	7.47	268	9.34	11.6
9/24/2014	5:00:00	57.9	7.47	266	9.39	11.5
9/24/2014	5:30:00	58	7.47	268	9.36	11.6
9/24/2014	6:00:00	57.9	7.47	266	9.36	11.5
9/24/2014	6:30:00	57.9	7.47	266	9.32	11.6
9/24/2014	7:00:00	57.9	7.47	266	9.33	11.5
9/24/2014	7:30:00	58	7.47	265	9.35	11.5
9/24/2014	8:00:00	58	7.47	265	9.42	11.5
9/24/2014	8:30:00	58.1	7.48	266	9.41	11.5
9/24/2014	9:00:00	58.2	7.49	265	9.47	11.5

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Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/24/2014	9:30:00	58.4	7.5	268	9.45	11.5
9/24/2014	10:00:00	58.4	7.5	265	9.41	11.5
9/24/2014	10:30:00	58.5	7.5	266	9.42	11.4
9/24/2014	11:00:00	58.5	7.5	266	9.4	11.5
9/24/2014	11:30:00	58.5	7.5	265	9.43	11.4
9/24/2014	12:00:00	58.7	7.51	266	9.41	11.5
9/24/2014	12:30:00	58.7	7.5	265	9.4	11.4
9/24/2014	13:00:00	58.8	7.51	265	9.41	11.4
9/24/2014	13:30:00	58.9	7.51	265	9.37	11.4
9/24/2014	14:00:00	58.9	7.51	265	9.39	11.4
9/24/2014	14:30:00	58.8	7.51	266	9.37	11.4
9/24/2014	15:00:00	58.7	7.5	266	9.36	11.4
9/24/2014	15:30:00	58.6	7.5	266	9.3	11.4
9/24/2014	16:00:00	58.5	7.49	267	9.27	11.4
9/24/2014	16:30:00	58.4	7.48	268	9.24	11.4
9/24/2014	17:00:00	58.3	7.47	267	9.21	11.4
9/24/2014	17:30:00	58.3	7.47	269	9.23	11.4
9/24/2014	18:00:00	58.2	7.47	266	9.19	11.4
9/24/2014	18:30:00	58.2	7.46	266	9.15	11.4
9/24/2014	19:00:00	58.1	7.45	266	9.17	11.4
9/24/2014	19:30:00	58	7.45	265	9.16	11.4
9/24/2014	20:00:00	57.9	7.45	267	9.18	11.4
9/24/2014	20:30:00	57.9	7.44	268	9.16	11.4
9/24/2014	21:00:00	57.7	7.44	266	9.23	11.4
9/24/2014	21:30:00	57.7	7.44	266	9.24	11.4
9/24/2014	22:00:00	57.7	7.45	266	9.33	11.4
9/24/2014	22:30:00	57.8	7.45	266	9.26	11.4
9/24/2014	23:00:00	57.9	7.45	266	9.3	11.4
9/24/2014	23:30:00	58.1	7.45	267	9.28	11.4
9/25/2014	0:00:00	58.2	7.45	266	9.25	11.4
9/25/2014	0:30:00	58.2	7.46	266	9.28	11.4
9/25/2014	1:00:00	58.3	7.46	266	9.24	11.4
9/25/2014	1:30:00	58.3	7.46	266	9.27	11.4
9/25/2014	2:00:00	58.4	7.45	267	9.25	11.4
9/25/2014	2:30:00	58.4	7.45	267	9.28	11.4
9/25/2014	3:00:00	58.4	7.45	266	9.26	11.4
9/25/2014	3:30:00	58.4	7.45	266	9.28	11.4
9/25/2014	4:00:00	58.5	7.45	266	9.32	11.4
9/25/2014	4:30:00	58.5	7.45	266	9.27	11.4
9/25/2014	5:00:00	58.5	7.45	267	9.3	11.4
9/25/2014	5:30:00	58.5	7.45	266	9.33	11.4
9/25/2014	6:00:00	58.5	7.45	266	9.31	11.4
9/25/2014	6:30:00	58.4	7.44	266	9.3	11.4
9/25/2014	7:00:00	58.4	7.44	266	9.32	11.4
9/25/2014	7:30:00	58.4	7.44	265	9.32	11.4
9/25/2014	8:00:00	58.4	7.45	265	9.38	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
9/25/2014	8:30:00	58.5	7.46	267	9.4	11.4
9/25/2014	9:00:00	58.6	7.47	266	9.39	11.4
9/25/2014	9:30:00	58.7	7.48	266	9.42	11.4
9/25/2014	10:00:00	58.8	7.49	266	9.47	11.3
9/25/2014	10:30:00	58.9	7.48	267	9.44	11.3
9/25/2014	11:00:00	59	7.49	268	9.5	11.3
9/25/2014	11:30:00	59.2	7.5	266	9.48	11.4
9/25/2014	12:00:00	59.4	7.51	268	9.49	11.3
9/25/2014	12:30:00	59.4	7.51	266	9.47	11.3
9/25/2014	13:00:00	59.4	7.51	266	9.44	11.3
9/25/2014	13:30:00	59.4	7.51	266	9.45	11.3
9/25/2014	14:00:00	59.4	7.51	267	9.4	11.3
9/25/2014	14:30:00	59.4	7.51	268	9.42	11.3
9/25/2014	15:00:00	59.3	7.51	266	9.4	11.3
9/25/2014	15:30:00	59.2	7.51	266	9.36	11.3
9/25/2014	16:00:00	59.1	7.5	265	9.35	11.3
9/25/2014	16:30:00	58.9	7.49	266	9.39	11.3
9/25/2014	17:00:00	58.8	7.49	266	9.36	11.3
9/25/2014	17:30:00	58.8	7.48	270	9.27	11.3
9/25/2014	18:00:00	58.5	7.47	265	9.21	11.3
9/25/2014	18:30:00	58.3	7.46	266	9.18	11.3
9/25/2014	19:00:00	58.2	7.45	264	9.16	11.3
9/25/2014	19:30:00	58.2	7.44	264	9.16	11.3
9/25/2014	20:00:00	58.1	7.44	265	9.14	11.3
9/25/2014	20:30:00	58.1	7.44	266	9.12	11.2
9/25/2014	21:00:00	58.1	7.43	264	9.12	11.2
9/25/2014	21:30:00	58.2	7.43	266	9.14	11.2
9/25/2014	22:00:00	58.3	7.44	265	9.15	11.2
9/25/2014	22:30:00	58.7	7.45	266	9.23	11.2
9/25/2014	23:00:00	58.9	7.46	266	9.22	11.2
9/25/2014	23:30:00	59.2	7.48	267	9.2	11.2
9/26/2014	0:00:00	59.3	7.48	266	9.21	11.2
9/26/2014	0:30:00	59.4	7.48	268	9.2	11.2
9/26/2014	1:00:00	59.5	7.48	266	9.16	11.2
9/26/2014	1:30:00	59.5	7.48	267	9.2	11.2
9/26/2014	2:00:00	59.5	7.47	266	9.15	11.2
9/26/2014	2:30:00	59.5	7.47	268	9.22	11.2
9/26/2014	3:00:00	59.5	7.47	267	9.19	11.2
9/26/2014	3:30:00	59.5	7.46	266	9.16	11.2
9/26/2014	4:00:00	59.5	7.46	266	9.14	11.2
9/26/2014	4:30:00	59.5	7.46	267	9.16	11.2
9/26/2014	5:00:00	59.4	7.45	268	9.14	11.2
9/26/2014	5:30:00	59.4	7.45	267	9.19	11.2
9/26/2014	6:00:00	59.4	7.45	267	9.18	11.2
9/26/2014	6:30:00	59.4	7.45	266	9.16	11.2
9/26/2014	7:00:00	59.4	7.45	268	9.22	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
9/26/2014	7:30:00	59.4	7.45	266	9.18	11.2
9/26/2014	8:00:00	59.4	7.45	267	9.2	11.2
9/26/2014	8:30:00	59.5	7.46	266	9.24	11.2
9/26/2014	9:00:00	59.6	7.46	267	9.17	11.2
9/26/2014	9:30:00	59.8	7.46	266	9.17	11.2
9/26/2014	10:00:00	59.9	7.48	267	9.22	11.2
9/26/2014	10:30:00	60.1	7.48	266	9.27	11.2
9/26/2014	11:00:00	60.2	7.49	267	9.28	11.2
9/26/2014	11:30:00	60.5	7.52	269	9.46	11.2
9/26/2014	12:00:00	60.4	7.5	268	9.25	11.2
9/26/2014	12:30:00	60.4	7.5	267	9.28	11.2
9/26/2014	13:00:00	60.5	7.5	268	9.24	11.1
9/26/2014	13:30:00	60.4	7.5	267	9.23	11.1
9/26/2014	14:00:00	60.4	7.49	269	9.22	11.1
9/26/2014	14:30:00	60.3	7.49	267	9.19	11.1
9/26/2014	15:00:00	60.3	7.48	268	9.17	11.1
9/26/2014	15:30:00	60.1	7.48	267	9.17	11.1
9/26/2014	16:00:00	60	7.48	268	9.14	11.1
9/26/2014	16:30:00	60	7.48	271	9.13	11.1
9/26/2014	17:00:00	59.8	7.47	267	9.1	11.1
9/26/2014	17:30:00	59.8	7.47	268	9.06	11.1
9/26/2014	18:00:00	59.6	7.46	267	9.04	11.1
9/26/2014	18:30:00	59.5	7.45	268	9.06	11.1
9/26/2014	19:00:00	59.4	7.45	268	9.05	11.1
9/26/2014	19:30:00	59.5	7.45	269	9.03	11.1
9/26/2014	20:00:00	59.4	7.44	267	9.04	11.1
9/26/2014	20:30:00	59.4	7.44	267	8.99	11.1
9/26/2014	21:00:00	59.4	7.44	267	9.01	11.1
9/26/2014	21:30:00	59.5	7.44	269	9	11.1
9/26/2014	22:00:00	59.6	7.44	268	9	11.1
9/26/2014	22:30:00	59.7	7.45	269	8.99	11.1
9/26/2014	23:00:00	59.9	7.45	270	9.06	11.1
9/26/2014	23:30:00	59.9	7.45	269	9.06	11.1
9/27/2014	0:00:00	60	7.46	269	9.12	11.1
9/27/2014	0:30:00	60.1	7.46	268	9.06	11.1
9/27/2014	1:00:00	60.2	7.47	270	9.11	11.1
9/27/2014	1:30:00	60.2	7.47	268	9.1	11.1
9/27/2014	2:00:00	60.3	7.47	270	9.07	11.1
9/27/2014	2:30:00	60.2	7.46	269	9.04	11.1
9/27/2014	3:00:00	60.2	7.46	269	9.04	11.1
9/27/2014	3:30:00	60.2	7.46	269	9.05	11.1
9/27/2014	4:00:00	60.2	7.46	271	9.06	11.1
9/27/2014	4:30:00	60.3	7.46	271	9.05	11.1
9/27/2014	5:00:00	60.2	7.45	270	9.01	11.1
9/27/2014	5:30:00	60.2	7.45	269	9.01	11.1
9/27/2014	6:00:00	60.2	7.45	268	9.03	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
9/27/2014	6:30:00	60.2	7.45	270	9.06	11.1
9/27/2014	7:00:00	60.1	7.45	269	9.05	11.1
9/27/2014	7:30:00	60.2	7.45	270	9.04	11.1
9/27/2014	8:00:00	60.2	7.46	269	9.06	11.1
9/27/2014	8:30:00	60.3	7.46	270	9.08	11.1
9/27/2014	9:00:00	60.5	7.48	269	9.15	11.1
9/27/2014	9:30:00	60.7	7.49	272	9.18	11.1
9/27/2014	10:00:00	60.8	7.5	270	9.17	11.1
9/27/2014	10:30:00	61	7.51	271	9.2	11.1
9/27/2014	11:00:00	61.1	7.51	270	9.2	11.1
9/27/2014	11:30:00	61.3	7.52	271	9.19	11.1
9/27/2014	12:00:00	61.4	7.52	272	9.2	11.1
9/27/2014	12:30:00	61.5	7.53	271	9.18	11.1
9/27/2014	13:00:00	61.5	7.52	270	9.15	11.1
9/27/2014	13:30:00	61.5	7.52	270	9.1	11.1
9/27/2014	14:00:00	61.5	7.51	272	9.11	11.1
9/27/2014	14:30:00	61.5	7.52	270	9.08	11.1
9/27/2014	15:00:00	61.5	7.52	271	9.09	11.1
9/27/2014	15:30:00	61.5	7.52	270	9.03	11.1
9/27/2014	16:00:00	61.5	7.52	272	9.06	11.1
9/27/2014	16:30:00	61.4	7.51	270	9.05	11.1
9/27/2014	17:00:00	61.4	7.51	272	9.04	11.1
9/27/2014	17:30:00	61.2	7.5	270	9	11.1
9/27/2014	18:00:00	61	7.49	272	8.98	11.1
9/27/2014	18:30:00	60.8	7.47	270	8.95	11.1
9/27/2014	19:00:00	60.7	7.47	272	8.9	11.1
9/27/2014	19:30:00	60.5	7.46	270	8.92	11.1
9/27/2014	20:00:00	60.5	7.46	271	8.93	11.1
9/27/2014	20:30:00	60.5	7.46	270	8.89	11.1
9/27/2014	21:00:00	60.6	7.47	272	8.93	11.1
9/27/2014	21:30:00	60.6	7.46	272	8.94	11.1
9/27/2014	22:00:00	60.7	7.46	271	8.93	11.1
9/27/2014	22:30:00	60.7	7.47	270	8.88	11.1
9/27/2014	23:00:00	60.8	7.47	270	8.89	11.1
9/27/2014	23:30:00	60.8	7.47	271	8.89	11.1
9/28/2014	0:00:00	60.8	7.46	271	8.96	11.1
9/28/2014	0:30:00	60.8	7.46	273	8.93	11.1
9/28/2014	1:00:00	60.8	7.45	270	8.9	11.1
9/28/2014	1:30:00	60.8	7.45	272	8.9	11.1
9/28/2014	2:00:00	60.8	7.45	271	8.9	11.1
9/28/2014	2:30:00	60.9	7.45	271	8.9	11.1
9/28/2014	3:00:00	60.9	7.46	272	8.92	11.1
9/28/2014	3:30:00	60.9	7.45	271	8.89	11.1
9/28/2014	4:00:00	60.9	7.45	271	8.94	11.1
9/28/2014	4:30:00	60.9	7.45	272	8.91	11.1
9/28/2014	5:00:00	60.9	7.45	271	8.91	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
9/28/2014	5:30:00	60.9	7.45	273	8.93	11.1
9/28/2014	6:00:00	60.9	7.45	271	8.89	11.1
9/28/2014	6:30:00	60.9	7.45	273	8.93	11.1
9/28/2014	7:00:00	60.9	7.45	271	8.9	11.1
9/28/2014	7:30:00	61	7.45	273	8.93	11.1
9/28/2014	8:00:00	61	7.45	271	8.95	11.1
9/28/2014	8:30:00	61.2	7.46	272	9.01	11.1
9/28/2014	9:00:00	61.3	7.46	272	8.99	11.1
9/28/2014	9:30:00	61.4	7.47	272	9.01	11.1
9/28/2014	10:00:00	61.7	7.49	271	9.03	11.1
9/28/2014	10:30:00	61.9	7.5	272	9.07	11.1
9/28/2014	11:00:00	62.2	7.51	272	9.12	11.1
9/28/2014	11:30:00	62.5	7.53	272	9.11	11.1
9/28/2014	12:00:00	62.6	7.54	272	9.11	11.1
9/28/2014	12:30:00	62.7	7.55	272	9.07	11.1
9/28/2014	13:00:00	62.8	7.55	274	9.08	11.1
9/28/2014	13:30:00	62.9	7.55	272	8.99	11.1
9/28/2014	14:00:00	63	7.55	274	8.99	11.1
9/28/2014	14:30:00	63.1	7.55	272	8.99	11.1
9/28/2014	15:00:00	63.1	7.54	274	8.97	11.1
9/28/2014	15:30:00	63.1	7.53	275	8.9	11.1
9/28/2014	16:00:00	63	7.52	274	8.87	11.1
9/28/2014	16:30:00	62.9	7.51	273	8.9	11.1
9/28/2014	17:00:00	62.7	7.5	273	8.88	11
9/28/2014	17:30:00	62.6	7.5	273	8.87	11
9/28/2014	18:00:00	62.5	7.49	273	8.89	11.1
9/28/2014	18:30:00	62.4	7.48	275	8.85	11.1
9/28/2014	19:00:00	62.3	7.48	273	8.87	11
9/28/2014	19:30:00	62.5	7.48	275	8.86	11
9/28/2014	20:00:00	62.4	7.47	273	8.82	11
9/28/2014	20:30:00	62.3	7.47	273	8.77	11
9/28/2014	21:00:00	62.2	7.46	273	8.74	11
9/28/2014	21:30:00	62.1	7.45	273	8.76	11.1
9/28/2014	22:00:00	62	7.45	273	8.71	11
9/28/2014	22:30:00	62	7.45	274	8.79	11
9/28/2014	23:00:00	61.9	7.44	273	8.74	11.1
9/28/2014	23:30:00	61.9	7.44	275	8.78	11
9/29/2014	0:00:00	61.8	7.44	273	8.77	11
9/29/2014	0:30:00	61.8	7.44	275	8.76	11
9/29/2014	1:00:00	61.7	7.44	274	8.78	11
9/29/2014	1:30:00	61.8	7.44	276	8.76	11
9/29/2014	2:00:00	61.7	7.44	274	8.77	11
9/29/2014	2:30:00	61.7	7.44	276	8.75	11
9/29/2014	3:00:00	61.7	7.43	275	8.77	11
9/29/2014	3:30:00	61.7	7.43	277	8.75	11
9/29/2014	4:00:00	61.6	7.43	276	8.75	11

Water Quality Monitoring Data September 16-30, 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
9/29/2014	4:30:00	61.7	7.43	278	8.8	11
9/29/2014	5:00:00	61.7	7.44	277	8.77	11
9/29/2014	5:30:00	61.6	7.44	276	8.77	11
9/29/2014	6:00:00	61.6	7.44	277	8.74	11
9/29/2014	6:30:00	61.6	7.43	276	8.77	11
9/29/2014	7:00:00	61.6	7.43	277	8.75	11
9/29/2014	7:30:00	61.7	7.44	279	8.77	11
9/29/2014	8:00:00	61.8	7.45	278	8.79	11
9/29/2014	8:30:00	61.8	7.45	276	8.79	11
9/29/2014	9:00:00	61.8	7.45	275	8.79	11
9/29/2014	9:30:00	61.9	7.45	276	8.81	11
9/29/2014	10:00:00	62	7.46	278	8.81	11
9/29/2014	10:30:00	61.9	7.46	276	8.82	11
9/29/2014	11:00:00	61.9	7.46	276	8.85	11
9/29/2014	11:30:00	61.9	7.47	275	8.88	11
9/29/2014	12:00:00	61.9	7.47	277	8.88	11
9/29/2014	12:30:00	61.9	7.47	276	8.88	11
9/29/2014	13:00:00	61.9	7.47	277	8.81	11
9/29/2014	13:30:00	61.9	7.47	278	8.82	11
9/29/2014	14:00:00	61.8	7.47	276	8.8	11
9/29/2014	14:30:00	61.8	7.46	279	8.79	11
9/29/2014	15:00:00	61.7	7.46	275	8.8	11
9/29/2014	15:30:00	61.8	7.47	277	8.86	11
9/29/2014	16:00:00	61.7	7.46	275	8.83	11
9/29/2014	16:30:00	61.7	7.51	279	9.21	11
9/29/2014	17:00:00	61.6	7.51	280	9.18	11
9/29/2014	17:30:00	61.5	7.5	279	9.04	11
9/29/2014	18:00:00	61.4	7.49	280	9.02	10.9
9/29/2014	18:30:00	61.2	7.48	279	8.9	11
9/29/2014	19:00:00	61.1	7.47	280	8.9	10.9
9/29/2014	19:30:00	60.9	7.46	279	8.92	11
9/29/2014	20:00:00	61.2	7.44	277	8.72	10.9
9/29/2014	20:30:00	61.3	7.44	278	8.82	10.9
9/29/2014	21:00:00	61.3	7.45	279	8.84	11
9/29/2014	21:30:00	61.2	7.45	278	8.8	10.9
9/29/2014	22:00:00	61.1	7.44	278	8.83	10.9
9/29/2014	22:30:00	61	7.44	277	8.8	10.9
9/29/2014	23:00:00	61	7.44	280	8.81	10.9
9/29/2014	23:30:00	60.9	7.43	277	8.76	10.9
9/30/2014	0:00:00	60.9	7.43	279	8.76	10.9
9/30/2014	0:30:00	60.8	7.43	278	8.76	10.9
9/30/2014	1:00:00	60.8	7.43	279	8.79	10.9
9/30/2014	1:30:00	60.7	7.42	278	8.75	10.9
9/30/2014	2:00:00	60.7	7.42	279	8.74	10.9
9/30/2014	2:30:00	60.6	7.42	278	8.75	10.9
9/30/2014	3:00:00	60.5	7.42	278	8.72	10.9

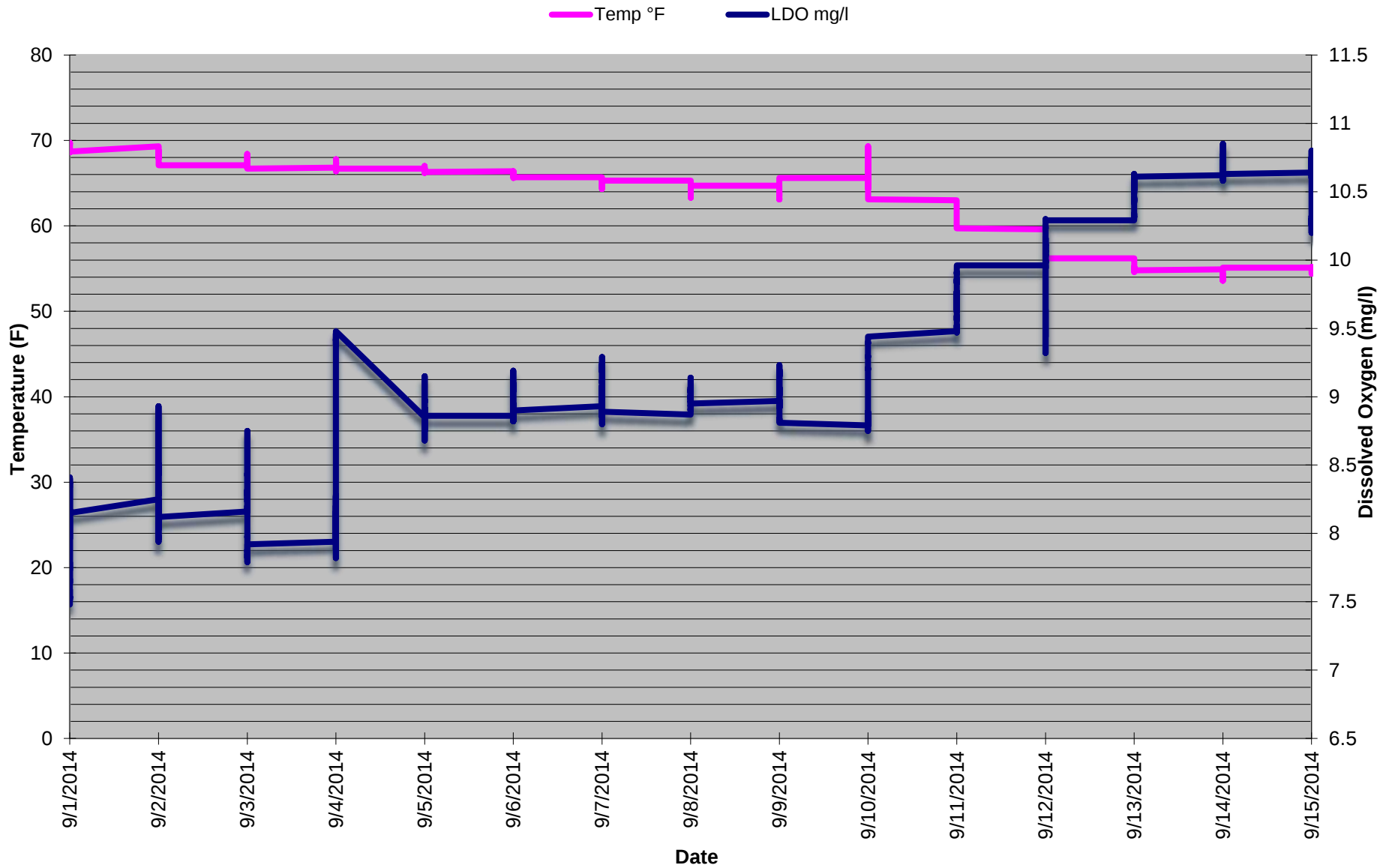
Water Quality Monitoring Data September 16-30, 2014
Oconto Falls Lower P-2689
License Article # 404

Date M/D/YYYY	Time HH:MM:SS	Temp °F	pH Units	SpCond µS/cm	LDO mg/l	IBatt Volts
9/30/2014	3:30:00	60.5	7.42	277	8.74	10.9
9/30/2014	4:00:00	60.4	7.42	278	8.73	10.9
9/30/2014	4:30:00	60.4	7.41	278	8.71	10.9
9/30/2014	5:00:00	60.3	7.4	278	8.72	10.9
9/30/2014	5:30:00	60.3	7.4	278	8.69	10.9
9/30/2014	6:00:00	60.2	7.4	279	8.68	10.9
9/30/2014	6:30:00	60.2	7.39	279	8.63	10.9
9/30/2014	7:00:00	60.1	7.39	278	8.59	10.9
9/30/2014	7:30:00	60	7.38	280	8.62	10.9
9/30/2014	8:00:00	59.9	7.38	279	8.63	10.8
9/30/2014	8:30:00	59.8	7.38	280	8.66	10.9
9/30/2014	9:00:00	59.6	7.38	278	8.71	10.8
9/30/2014	9:30:00	59.5	7.39	281	8.84	10.8
9/30/2014	10:00:00	59.4	7.4	280	8.65	10.8
9/30/2014	10:30:00	59.4	7.38	279	8.67	10.8
9/30/2014	11:00:00	59.3	7.39	278	8.69	10.8
9/30/2014	11:30:00	59.3	7.39	279	8.74	10.8
9/30/2014	12:00:00	59.2	7.39	279	8.72	10.8
9/30/2014	12:30:00	59.2	7.39	280	8.73	10.8
9/30/2014	13:00:00	59.1	7.38	278	8.72	10.8
9/30/2014	13:30:00	59	7.38	279	8.74	10.8
9/30/2014	14:00:00	59.1	7.43	287	9.28	10.8
9/30/2014	14:30:00	59.1	7.45	283	9.47	10.8
9/30/2014	15:00:00	59	7.45	281	9.46	10.8
9/30/2014	15:30:00	59.1	7.46	281	9.45	10.8
9/30/2014	16:00:00	59.1	7.46	282	9.38	10.8
9/30/2014	16:30:00	59	7.45	282	9.33	10.8
9/30/2014	17:00:00	58.8	7.4	1	9.99	10.8
9/30/2014	17:30:00	58.6	7.37	282	8.82	10.8
9/30/2014	18:00:00	58.2	7.36	280	8.85	10.8
9/30/2014	18:30:00	58	7.36	282	8.87	10.8
9/30/2014	19:00:00	57.9	7.36	279	8.87	10.8
9/30/2014	19:30:00	57.8	7.35	280	8.86	10.8
9/30/2014	20:00:00	57.7	7.35	279	8.85	10.8
9/30/2014	20:30:00	57.6	7.34	280	8.87	10.8
9/30/2014	21:00:00	57.5	7.34	280	8.88	10.8
9/30/2014	21:30:00	57.5	7.33	281	8.9	10.8
9/30/2014	22:00:00	57.5	7.33	282	8.9	10.8
9/30/2014	22:30:00	57.4	7.33	280	8.9	10.8
9/30/2014	23:00:00	57.5	7.33	281	8.92	10.8
9/30/2014	23:30:00	57.4	7.33	280	8.88	10.8
Average		58.29	7.41	251.94	9.35	11.00
High		63.1	7.75	287	10.4	12.20
Low		54.5	7.24	1.00	8.59	10.40

Water Quality Monitoring Data
Month of September 2014

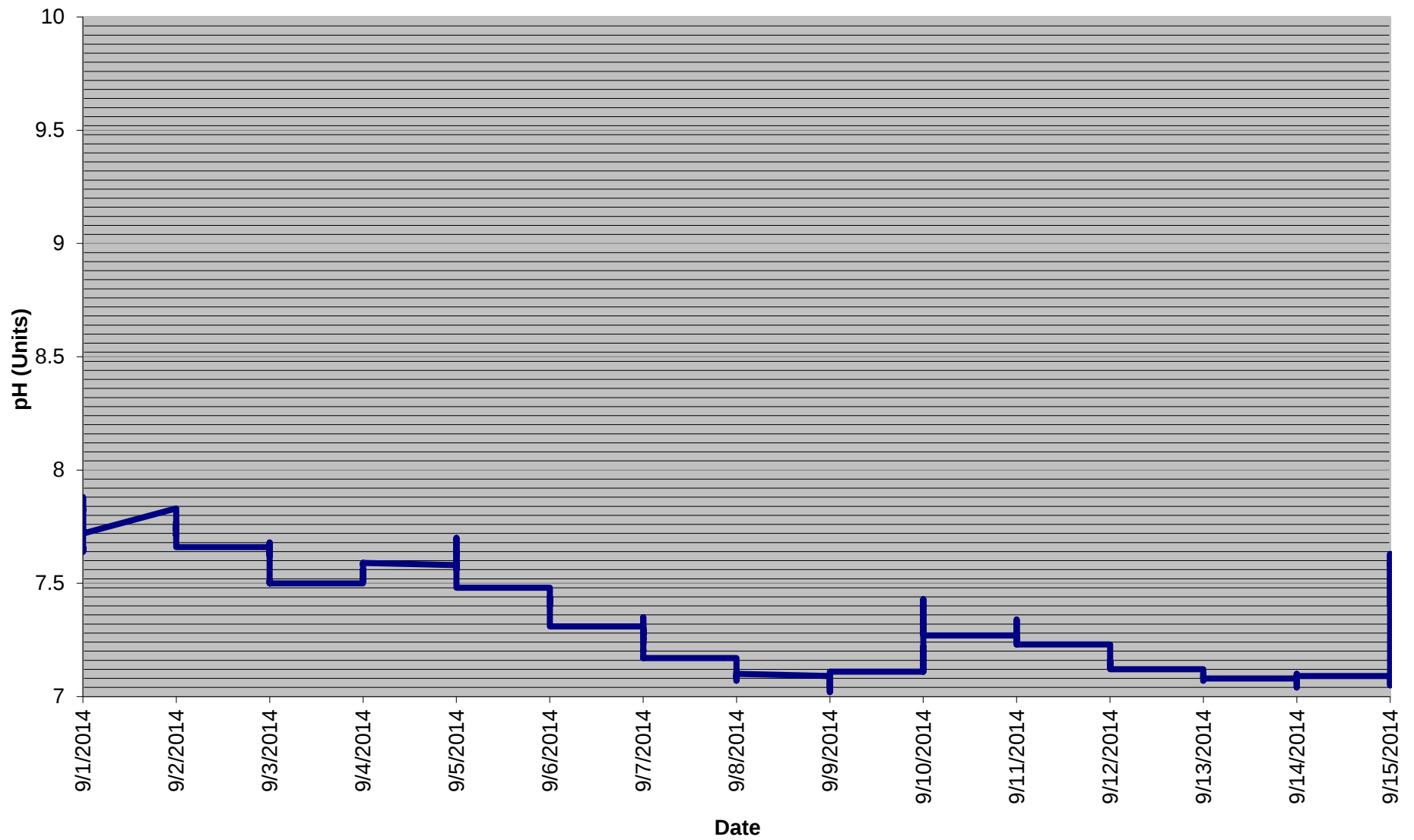
APPENDIX D
TAILWATER SAMPLING GRAPH

Oconto Falls Lower FERC #2689
Tailwater
Sept 01-15, 2014
Temperature and Dissolved Oxygen

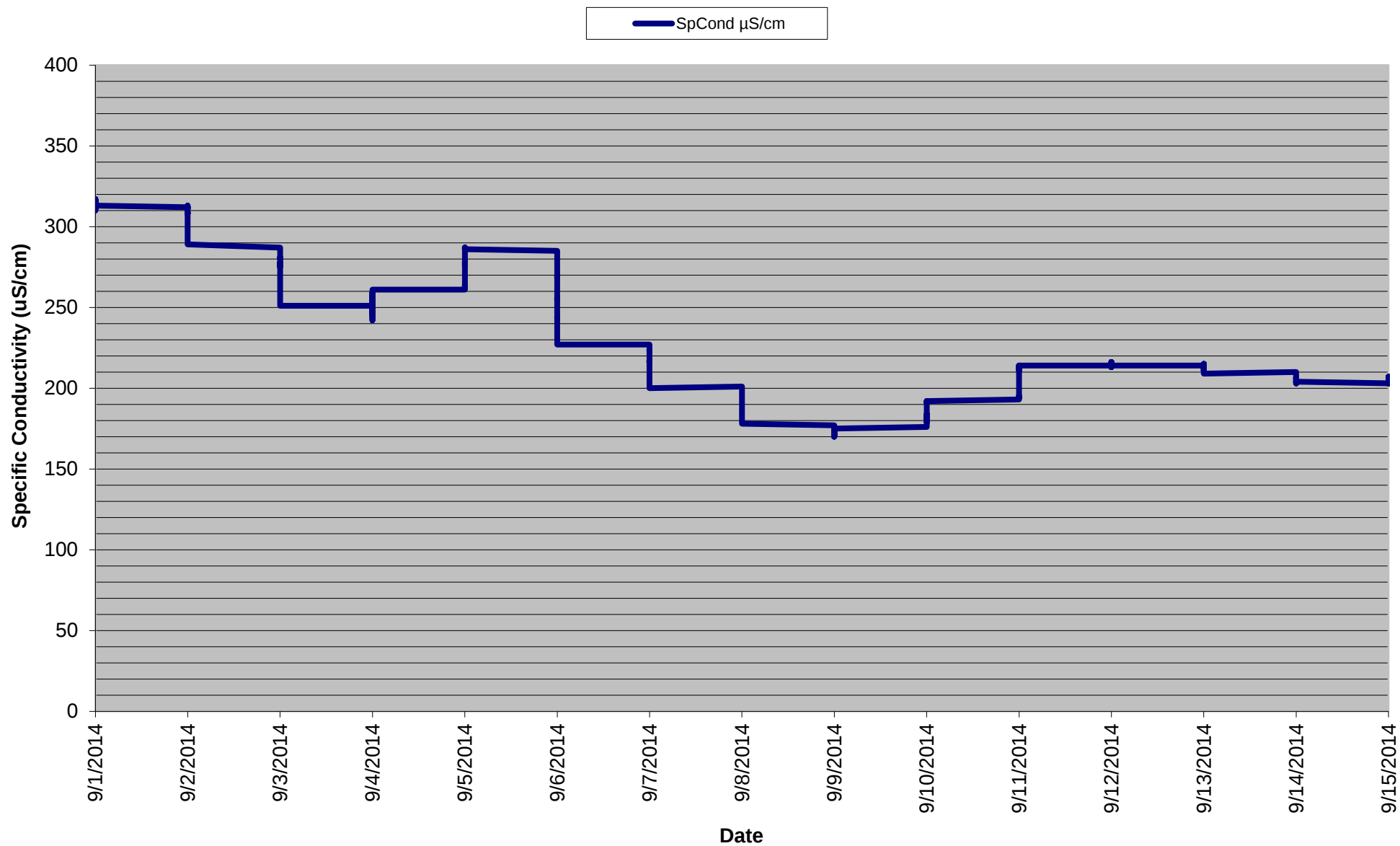


Oconto Falls Lower FERC #2689
Tailwater
Sept 01-15, 2014
pH

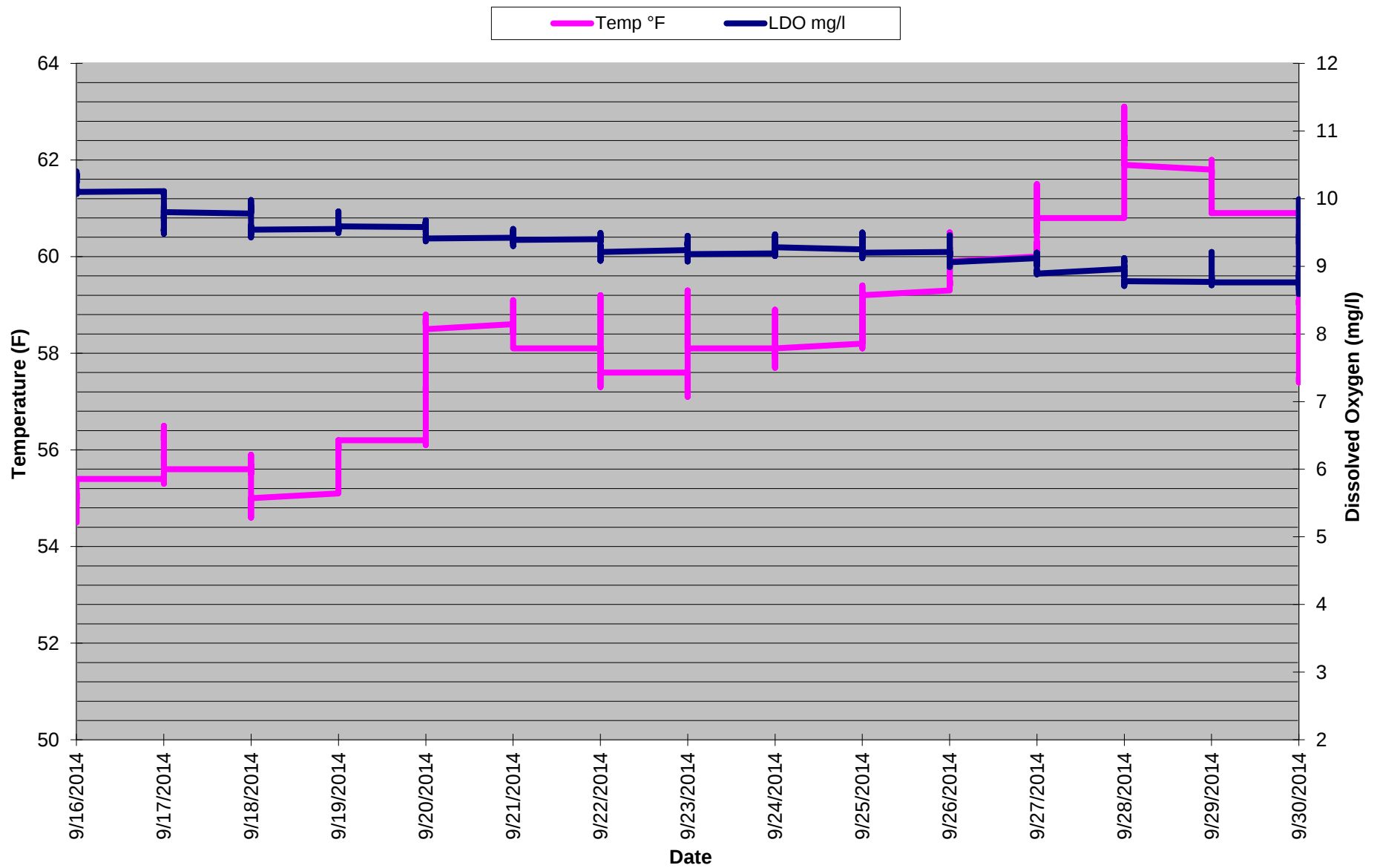
pH (Units)



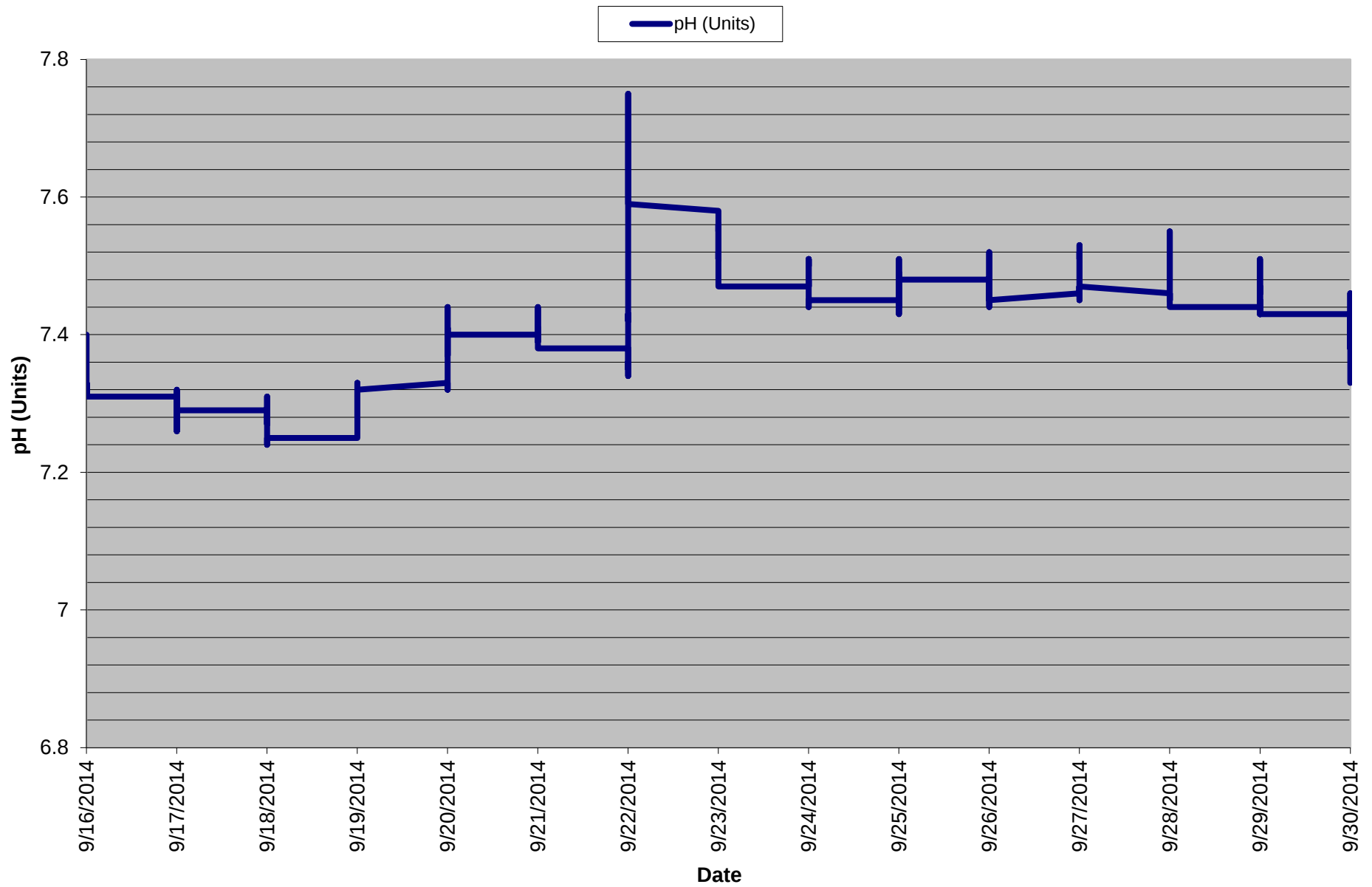
Oconto Falls Lower FERC #2689
Tailwater
Sept 01-15, 2014
Specific Conductivity



Oconto Falls Lower FERC #2689
Tailwater
Sept 16-30, 2014
Temperature and Dissolved Oxygen



Oconto Falls Lower FERC #2689
Tailwater
Sept 16-30, 2014
pH



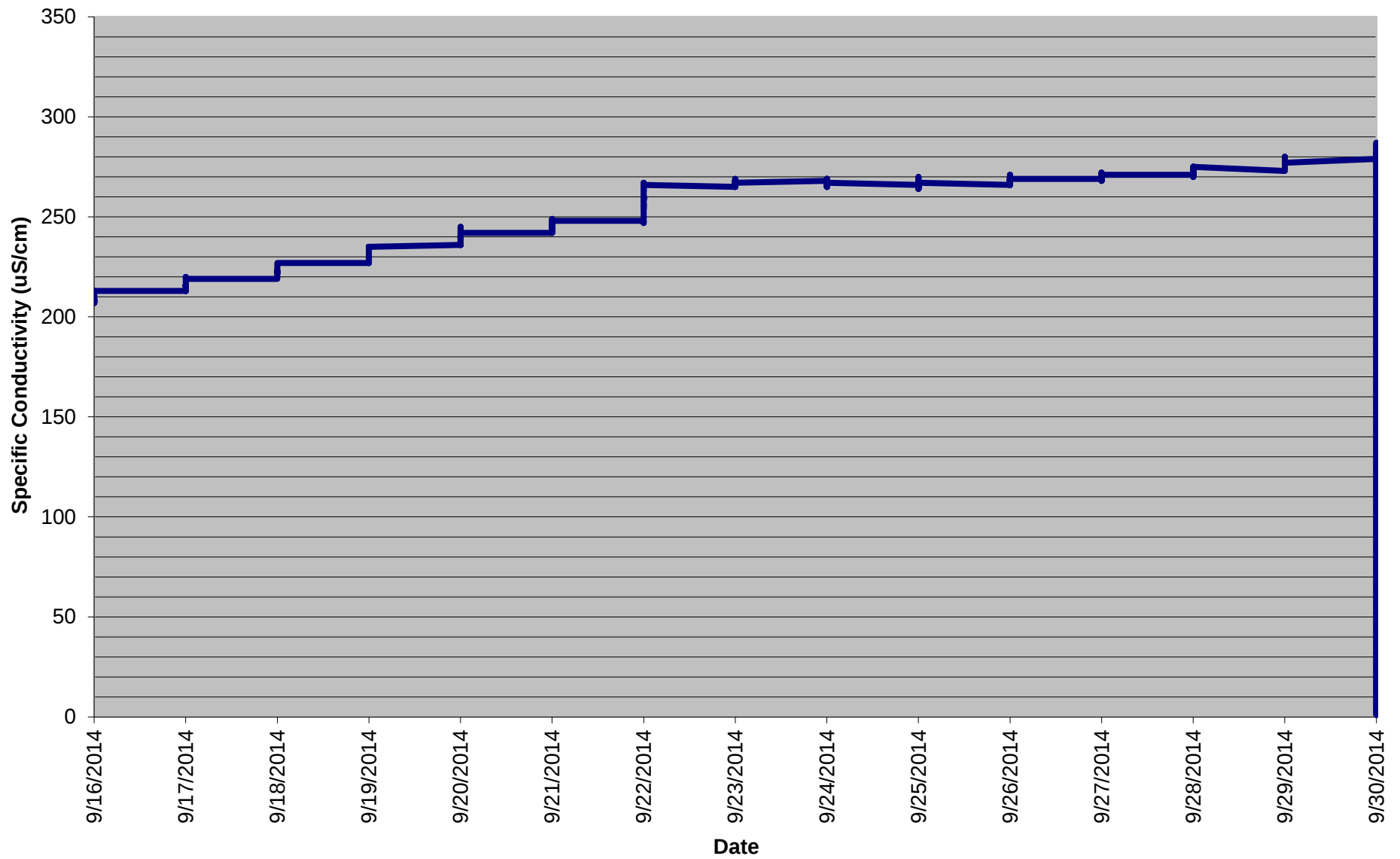
Oconto Falls Lower FERC #2689

Tailwater

Sept 16-30, 2014

Specific Conductivity

— SpCond (uS/cm)



Water Quality Monitoring Data
Month of September 2014