



**Upper Peninsula Power Company**

700 North Adams Street  
P.O. Box 19001  
Green Bay, WI 54307-9001  
[www.uppco.com](http://www.uppco.com)

July 31, 2013

FERC Project No. 2506

Ms. Kimberly D. Bose, Secretary  
The Federal Energy Regulatory Commission  
888 First Street NE  
Washington, DC 20426

Dear Secretary Bose:

Notice of a Potential Deviation from Water Quality Standards

Pursuant to Article 415 of the Project License and the Water Quality Monitoring Plan for Escanaba Dam 4, UPPCO is monitoring dissolved oxygen and temperature in the Escanaba River downstream of the Dam #4 powerhouse. As described in the License and the Water Quality Monitoring Plan, UPPCO is monitoring dissolved oxygen on a real-time basis to ensure that stream flows downstream of Dam No. 4, as measured immediately downstream, maintain a DO concentration of 7.0 mg/l when 1) river discharges are greater than or equal to the 95<sup>th</sup> percent exceedance flow and 2) when the facility is not augmenting flow. Data is collected at one-hour intervals continuously during the months of July and August. Please note that the water quality monitoring equipment has an accuracy of +/- 0.1 mg/l, per the manufacturer. Per the monitoring plan, UPPCO is correcting the dissolved oxygen monitoring data for calibration drift assuming a linear degradation of meter accuracy. Therefore, readings below 6.9 mg/l are potential deviations from the water quality standard. There is no water quality standard for temperature at the project.

Monitoring data collected between July 16<sup>th</sup> and July 22<sup>nd</sup> was reviewed and corrected for calibration drift. After correcting the data, there are 7 hourly readings of 6.9 mg/l, all of which occurred on July 19<sup>th</sup>. The likely cause of the lower dissolved oxygen readings is warm water temperatures. During the week of July 15<sup>th</sup>, air temperatures were in the 80's to low 90's. Water temperatures also increased with daily maximum temperatures above 80°F from the 15<sup>th</sup> through the 19<sup>th</sup>. The daily average water temperature on the 19<sup>th</sup> was 79.5°F, with a daily maximum temperature of 82°F. Dissolved oxygen and temperature data collected through July 22<sup>nd</sup> is attached for your review.

Please note that the Boney Falls reservoir is currently drawn down to support work on the embankments. As a result, the water level in the reservoir is below the spillway elevation and UPPCO

Ms. Kimberly Bose, Secretary

July 31, 2013

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is not able to release aeration flow to mitigate low DO levels. Additionally, less cold water is available to be released downstream of the facility to mitigate higher water temperatures.

UPPCO provided notice of the potential deviations to the Michigan Department of Natural Resources (MDNR), Michigan Department of Environmental Quality (MDEQ), and the U.S. Fish and Wildlife Service (FWS) by e-mail on July 25<sup>th</sup>. A copy of the correspondence is attached. Should you have any questions or concerns, please do not hesitate to call Mr. Mark Metcalf at (920) 433-1833.

Sincerely,



Terry P. Jensky

Vice President - Generation Assets

Wisconsin Public Service Corporation

Enc: July 25, 2013 E-mail Notification with Water Quality Monitoring Data

cc:	Gil Snyder, WPSC - D2	Robert Meyers, UPPCO - UISC
	Shawn Puzen, IBS - D2	Gary Kohlhepp - MDEQ
	Joan Johaneck, WPSC - D2	Mitch Koetje - MDEQ
	Dave Giesler, IBS - D2	Burr Fisher - FWS
	John Myers, IBS - D2	Kyle Kruger - MDNR
	Keith Moyle, UPPCO - UISC	John Zygaj, FERC - CRO
	Virgil Schlorke, UPPCO- UISC	Dianna Klemans - MDEQ
	Koren Carpenter - MDEQ	

**Metcalf, Mark W**

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**From:** Metcalf, Mark W  
**Sent:** Thursday, July 25, 2013 8:58 AM  
**To:** 'Burr Fisher '; 'Kruger, Kyle'; 'Koetje, Mitch (DEQ)'; 'Kohlhepp, Gary (DEQ)'; 'Klemans, Diana (DEQ)'; 'Carpenter, Koren'  
**Cc:** Meyers, Robert J; Schlorke, Virgil E; Puzen, Shawn C; Nuthals, James D  
**Subject:** RE: Water Quality Monitoring - Escanaba Dam 4  
**Attachments:** Dam 4 WQ data 07 2013.pdf

Good morning,

Pursuant to Article 415 of the Project License and the water quality monitoring plan for Escanaba Dam 4, UPPCO is monitoring dissolved oxygen and temperature in the Escanaba River downstream of the Dam #4 powerhouse. As described in the License and the water quality monitoring plan, UPPCO is monitoring dissolved oxygen on a real-time basis to ensure that stream flows downstream of Dam No. 4, as measured immediately downstream, maintain a DO concentration of 7.0 mg/l when 1) river discharges are greater than or equal to the 95<sup>th</sup> percent exceedance flow and 2) when the facility is not augmenting flow. Data is collected at one-hour intervals continuously during the months of July and August. Please note that the water quality monitoring equipment has an accuracy of +/- 0.1 mg/l, per the manufacturer. Per the monitoring plan, UPPCO is correcting the dissolved oxygen monitoring data for calibration drift assuming a linear degradation of meter accuracy. Therefore, readings below 6.9 mg/l are potential deviations from the water quality standard. There is no water quality standard for temperature at the project.

Monitoring data collected between July 16<sup>th</sup> and July 22<sup>nd</sup> has been reviewed and corrected for calibration drift. There are no potential deviations from water quality standards to note. After correcting the data, there are 7 hourly readings of 6.9 mg/l, all of which occurred on July 19<sup>th</sup>. The likely cause of the lower dissolved oxygen readings is warm water temperatures. During the week of July 15<sup>th</sup>, air temperatures were in the 80's to low 90's. Water temperatures also increased with daily maximum temperatures above 80°F from the 15<sup>th</sup> through the 19<sup>th</sup>. The daily average water temperature on the 19<sup>th</sup> was 79.5°F, with a daily maximum temperature of 82°F. Dissolved oxygen and temperature data collected through July 22<sup>nd</sup> is attached for your review.

Please note that the Boney Falls reservoir is currently drawn down to support work on the embankments. As a result, the water level in the reservoir is below the spillway elevation and UPPCO is not able to release aeration flow to mitigate low DO levels. Additionally, less cold water is available to be released downstream of the facility to mitigate higher water temperatures.

Please feel free to contact me if you have questions on the monitoring data.

Thanks,  
Mark

**Mark Metcalf**

**Environmental Consultant - Air & Water | Integrys Business Support, LLC**

920-433-1833 (Green Bay)

920-617-6046 (De Pere)

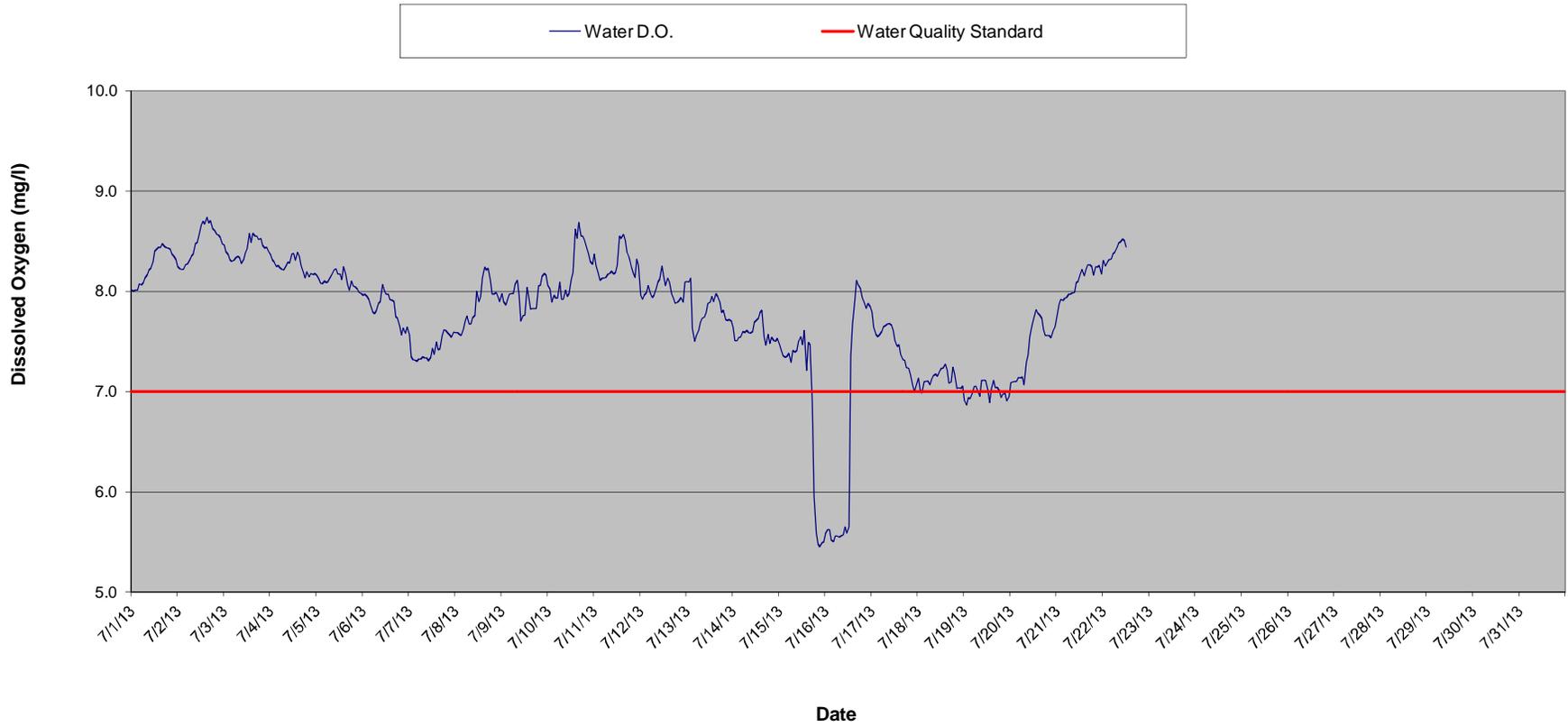
920-606-8432 *cell*

920-433-4916 *fax*

[mwmetcalf@integrysgroup.com](mailto:mwmetcalf@integrysgroup.com)

[www.integrysgroup.com](http://www.integrysgroup.com)

### Escanaba Dam 4 Dissolved Oxygen Summary - July 2013



Escanaba Dam 4 - July 2013 Dissolved Oxygen Monitoring Data

Time HHMMSS	07/01/13	07/02/13	07/03/13	07/04/13	07/05/13	07/06/13	07/07/13	07/08/13	07/09/13	07/10/13	07/11/13	07/12/13	07/13/13	07/14/13	07/15/13	07/16/13
0	8.0	8.2	8.5	8.4	8.2	8.0	7.6	7.6	8.0	8.1	8.4	8.0	8.1	7.6	7.5	5.6
10000	8.0	8.2	8.4	8.3	8.1	8.0	7.3	7.6	7.9	8.0	8.3	7.9	8.1	7.5	7.4	5.6
20000	8.0	8.2	8.4	8.3	8.1	8.0	7.3	7.6	7.9	7.9	8.2	8.0	8.1	7.5	7.4	5.6
30000	8.0	8.2	8.3	8.2	8.1	7.9	7.3	7.6	7.9	8.0	8.1	8.0	7.6	7.5	7.3	5.5
40000	8.1	8.3	8.3	8.3	8.1	7.9	7.3	7.6	8.0	7.9	8.1	8.1	7.5	7.5	7.4	5.5
50000	8.1	8.3	8.3	8.2	8.1	7.8	7.3	7.7	8.0	7.9	8.1	8.0	7.6	7.6	7.4	5.6
60000	8.1	8.3	8.3	8.2	8.1	7.8	7.3	7.8	8.0	8.1	8.1	7.9	7.6	7.6	7.3	5.6
70000	8.1	8.4	8.4	8.2	8.1	7.8	7.3	7.7	8.1	7.9	8.2	8.0	7.7	7.6	7.4	5.6
80000	8.2	8.4	8.3	8.3	8.2	7.9	7.3	7.7	8.1	7.9	8.2	8.0	7.7	7.6	7.4	5.6
90000	8.2	8.5	8.3	8.3	8.2	7.9	7.3	7.7	8.0	8.0	8.2	8.1	7.7	7.6	7.4	5.6
100000	8.2	8.5	8.3	8.3	8.2	8.1	7.3	7.8	7.7	8.0	8.2	8.1	7.8	7.6	7.5	5.7
110000	8.3	8.6	8.4	8.4	8.2	8.0	7.3	8.0	7.8	8.0	8.2	8.3	7.9	7.7	7.6	5.6
120000	8.4	8.7	8.4	8.4	8.2	8.0	7.4	7.9	7.8	8.1	8.3	8.2	7.9	7.7	7.5	5.7
130000	8.4	8.7	8.6	8.3	8.1	8.0	7.4	8.0	8.0	8.2	8.6	8.1	8.0	7.7	7.6	7.3
140000	8.4	8.7	8.5	8.4	8.2	7.9	7.5	8.1	7.9	8.6	8.5	8.1	7.9	7.8	7.2	7.7
150000	8.4	8.7	8.6	8.3	8.2	7.9	7.4	8.2	7.8	8.5	8.6	8.1	8.0	7.8	7.5	7.9
160000	8.5	8.7	8.6	8.3	8.1	7.9	7.4	8.2	7.8	8.7	8.5	8.0	8.0	7.6	7.5	8.1
170000	8.4	8.7	8.6	8.2	8.0	7.7	7.6	8.2	7.8	8.6	8.4	7.9	7.9	7.5	6.9	8.1
180000	8.4	8.6	8.5	8.1	8.1	7.7	7.6	8.1	7.8	8.6	8.3	7.9	7.8	7.6	6.0	8.0
190000	8.4	8.6	8.5	8.2	8.1	7.7	7.6	8.0	8.1	8.5	8.3	7.9	7.8	7.5	5.6	7.9
200000	8.4	8.6	8.5	8.1	8.0	7.6	7.6	8.0	8.1	8.4	8.2	7.9	7.7	7.5	5.5	7.9
210000	8.4	8.6	8.4	8.2	8.0	7.6	7.6	8.0	8.2	8.4	8.1	7.9	7.7	7.5	5.5	7.8
220000	8.3	8.5	8.4	8.2	8.0	7.6	7.5	8.0	8.2	8.3	8.3	7.9	7.7	7.5	5.5	7.9
230000	8.3	8.5	8.4	8.2	8.0	7.6	7.6	7.9	8.2	8.3	8.3	8.1	7.7	7.5	5.5	7.8
Daily Max	8.5	8.7	8.6	8.4	8.2	8.1	7.6	8.2	8.2	8.7	8.6	8.3	8.1	7.8	7.6	8.1
Daily Min	8.0	8.2	8.3	8.1	8.0	7.6	7.3	7.6	7.7	7.9	8.1	7.9	7.5	7.5	5.5	5.5
Average	8.3	8.5	8.4	8.3	8.1	7.8	7.4	7.9	8.0	8.2	8.3	8.0	7.8	7.6	6.9	6.6

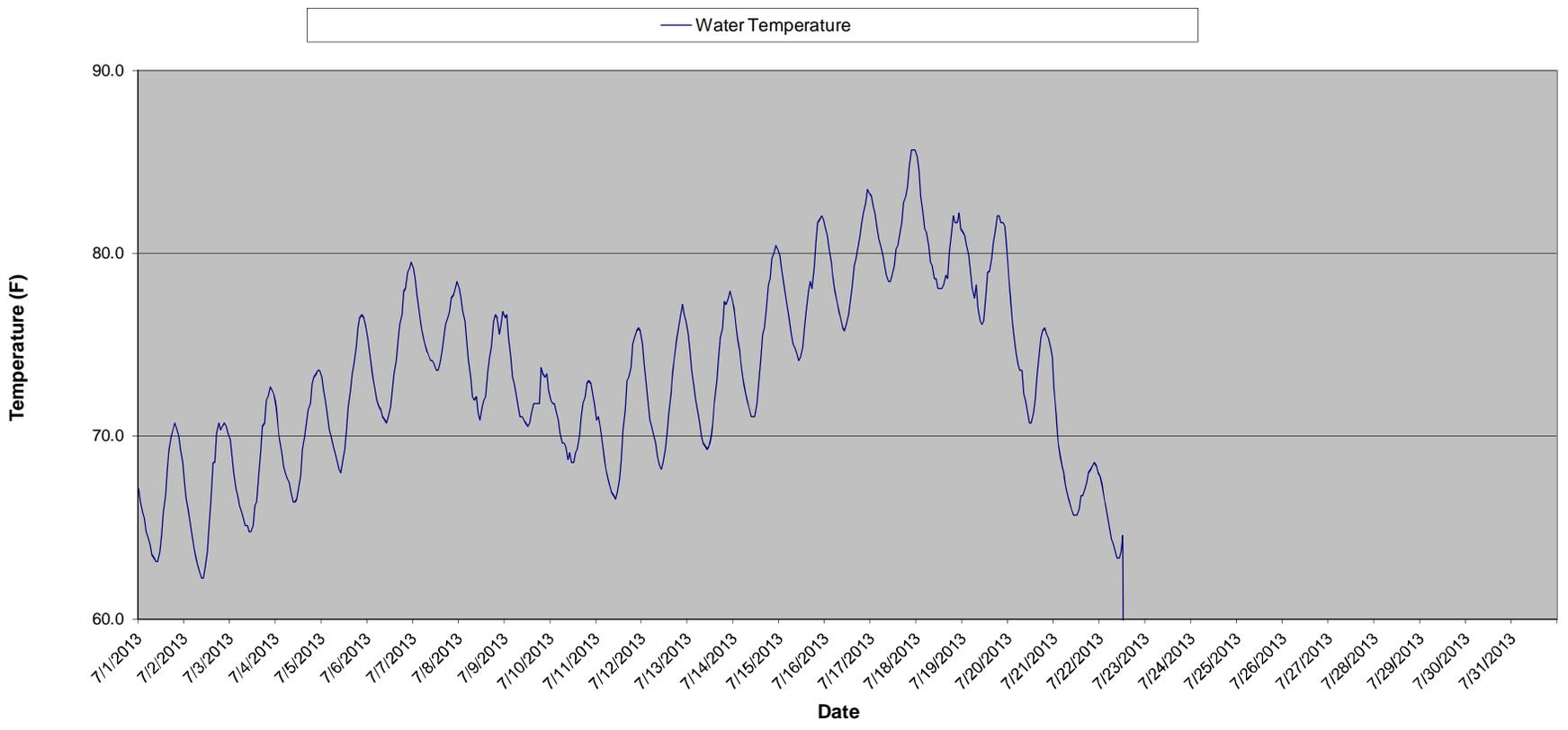
License Minimum Dissolved Oxygen: 7.0 mg/l

Equipment malfunction - Data not representative of actual conditions.

Escanaba Dam 4 - July 2013 Dissolved Oxygen Monitoring Data

Time HHMMSS	07/17/13	07/18/13	07/19/13	07/20/13	07/21/13	07/22/13	07/23/13	07/24/13	07/25/13	07/26/13	07/27/13	07/28/13	07/29/13	07/30/13	07/31/13
0	7.8	7.1	6.9	7.1	7.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10000	7.6	7.0	6.9	7.1	7.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20000	7.6	7.0	6.9	7.1	7.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30000	7.5	7.1	6.9	7.1	7.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40000	7.6	7.1	7.0	7.1	7.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000	7.6	7.1	7.0	7.1	7.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60000	7.6	7.1	7.1	7.1	8.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70000	7.7	7.1	7.0	7.1	8.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80000	7.7	7.2	7.0	7.3	8.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90000	7.7	7.2	7.1	7.4	8.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000	7.7	7.1	7.1	7.5	8.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110000	7.6	7.2	7.1	7.7	8.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120000	7.5	7.2	7.0	7.7	8.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130000	7.5	7.2	6.9	7.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140000	7.5	7.3	7.0	7.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150000	7.4	7.2	7.1	7.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160000	7.3	7.1	7.0	7.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170000	7.3	7.1	7.0	7.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180000	7.2	7.2	7.0	7.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190000	7.2	7.2	6.9	7.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200000	7.2	7.0	7.0	7.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210000	7.1	7.0	7.0	7.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220000	7.0	7.0	6.9	7.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230000	7.1	7.1	7.0	7.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Daily Max	7.8	7.3	7.1	7.8	8.3	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Daily Min	7.0	7.0	6.9	7.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average	7.5	7.1	7.0	7.4	8.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Escanaba Dam 4 Water Temperature - July 2013



Escanaba Dam 4 - July 2013 Temperature Monitoring Data

HHMMSS	07/01/13	07/02/13	07/03/13	07/04/13	07/05/13	07/06/13	07/07/13	07/08/13	07/09/13	07/10/13	07/11/13	07/12/13	07/13/13	07/14/13	07/15/13	07/16/13
0	67.1	67.5	69.8	71.6	73.2	75.4	79.2	78.1	76.5	72.0	70.9	75.0	75.6	77.0	79.9	81.3
10000	66.4	66.6	68.9	70.7	72.5	74.7	78.6	77.5	76.6	71.8	71.1	73.9	74.7	76.1	79.2	81.0
20000	65.8	65.8	68.0	69.8	72.0	73.9	77.7	76.8	75.4	71.8	70.5	73.0	73.6	75.4	78.4	80.2
30000	65.5	65.3	67.1	69.1	71.1	73.0	76.8	76.3	74.3	71.2	69.6	71.8	72.7	74.7	77.7	79.5
40000	64.8	64.6	66.7	68.4	70.3	72.5	76.1	75.2	73.2	70.9	68.9	70.9	72.0	73.8	77.0	78.6
50000	64.4	64.0	66.2	68.0	70.0	72.0	75.6	74.1	72.9	70.2	68.2	70.5	71.4	73.0	76.5	77.9
60000	64.0	63.3	65.8	67.6	69.4	71.6	75.0	73.2	72.1	69.6	67.6	70.0	70.7	72.3	75.6	77.4
70000	63.5	63.0	65.5	67.5	69.1	71.4	74.7	72.1	71.6	69.6	67.3	69.6	70.0	72.0	75.0	76.8
80000	63.3	62.6	65.1	66.9	68.7	71.1	74.5	72.0	71.1	69.4	66.9	68.9	69.6	71.6	74.8	76.5
90000	63.1	62.2	65.1	66.4	68.2	70.9	74.1	72.1	71.1	68.7	66.7	68.4	69.4	71.1	74.5	75.9
100000	63.1	62.2	64.8	66.4	68.0	70.7	74.1	71.2	70.9	69.1	66.6	68.2	69.3	71.1	74.1	75.7
110000	63.7	62.8	64.8	66.6	68.5	71.1	73.9	70.9	70.7	68.5	66.9	68.5	69.4	71.1	74.3	76.1
120000	64.6	63.7	65.1	67.3	69.3	71.6	73.6	71.6	70.5	68.5	67.6	69.3	70.0	71.8	74.8	76.6
130000	65.8	65.1	66.2	67.8	70.3	72.5	73.6	72.0	70.7	69.1	68.7	70.2	70.7	72.9	75.9	77.4
140000	66.7	66.4	66.4	69.3	71.6	73.4	73.9	72.1	71.2	69.3	70.3	71.2	72.0	73.9	76.8	78.1
150000	68.2	68.5	68.0	70.0	72.5	74.1	74.7	73.6	71.8	70.0	71.4	72.3	73.0	75.6	77.9	79.3
160000	69.3	68.5	69.1	70.7	73.4	75.2	75.4	74.3	71.8	71.1	73.0	73.6	74.3	75.9	78.4	79.7
170000	70.0	70.2	70.5	71.4	73.9	76.1	76.1	74.8	71.8	71.8	73.2	74.3	75.4	76.8	78.1	80.2
180000	70.3	70.7	70.7	71.8	74.8	76.6	76.5	76.3	71.8	72.1	73.8	75.4	75.9	78.3	79.2	81.0
190000	70.7	70.3	72.0	72.9	75.9	77.9	76.8	76.6	73.8	72.9	75.0	75.9	77.4	78.6	80.6	81.7
200000	70.3	70.5	72.1	73.2	76.5	78.1	77.5	76.5	73.4	73.0	75.4	76.5	77.2	79.7	81.7	82.2
210000	70.0	70.7	72.7	73.4	76.6	79.0	77.7	75.6	73.2	72.9	75.7	77.2	77.5	80.1	81.9	82.8
220000	69.3	70.5	72.5	73.6	76.5	79.2	78.1	76.1	73.4	72.3	75.9	76.6	77.9	80.4	82.0	83.5
230000	68.5	70.2	72.3	73.6	76.1	79.5	78.4	76.8	72.5	71.8	75.7	76.3	77.5	80.2	81.9	83.3
Daily Max	70.7	70.7	72.7	73.6	76.6	79.5	79.2	78.1	76.6	73.0	75.9	77.2	77.9	80.4	82.0	83.5
Daily Min	63.1	62.2	64.8	66.4	68.0	70.7	73.6	70.9	70.5	68.5	66.6	68.2	69.3	71.1	74.1	75.7
Average	66.6	66.5	68.1	69.7	72.0	74.2	75.9	74.4	72.6	70.7	70.7	72.4	73.2	75.1	77.8	79.3

Monthly average temp (F): 60.7



Escanaba Dam 4 - July 2013 Temperature Monitoring Data

HHMMSS	07/17/13	07/18/13	07/19/13	07/20/13	07/21/13	07/22/13	07/23/13	07/24/13	07/25/13	07/26/13	07/27/13	07/28/13	07/29/13	07/30/13	07/31/13
0	83.1	85.3	81.1	78.6	72.5	67.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
10000	82.6	84.6	81.0	77.5	71.1	67.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
20000	82.2	83.1	80.4	76.3	69.6	66.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
30000	81.3	82.2	79.9	75.2	69.1	66.2	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
40000	80.8	81.3	79.0	74.5	68.4	65.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
50000	80.4	81.1	78.1	73.9	68.0	64.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
60000	79.9	80.4	77.5	73.6	67.3	64.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
70000	79.3	79.5	78.3	73.6	66.7	64.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
80000	78.8	79.3	77.0	72.3	66.4	63.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
90000	78.4	78.6	76.3	72.0	66.0	63.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
100000	78.4	78.6	76.1	71.2	65.7	63.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
110000	78.8	78.1	76.3	70.7	65.7	63.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
120000	79.3	78.1	77.7	70.7	65.7	64.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
130000	80.2	78.1	79.0	71.2	66.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
140000	80.4	78.3	79.0	72.0	66.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
150000	81.1	78.8	79.7	73.2	66.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
160000	81.7	78.6	80.6	74.5	67.1	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
170000	82.8	80.1	81.1	75.4	67.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
180000	83.1	81.1	82.0	75.7	68.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
190000	83.7	82.0	82.0	75.9	68.2	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
200000	84.7	81.7	81.7	75.6	68.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
210000	85.6	81.7	81.7	75.4	68.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
220000	85.6	82.2	81.5	74.8	68.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
230000	85.6	81.3	80.4	74.3	68.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
Daily Max	85.6	85.3	82.0	78.6	72.5	67.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
Daily Min	78.4	78.1	76.1	70.7	65.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
Average	81.6	80.6	79.5	74.1	67.7	49.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0

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