

**FEDERAL ENERGY REGULATORY COMMISSION  
Washington, D. C. 20426**

**OFFICE OF ENERGY PROJECTS**

Project No. 10854-006--Michigan  
Cataract Hydroelectric Project  
UP Hydro, LLC

Mr. Jason Kreuzscher  
Renewable World Energies  
P.O. Box 264  
Neshkoro, WI 54960

February 24, 2015

Subject: 2014 Water Quality Monitoring Report.

Dear Mr. Kreuzscher:

This letter acknowledges your 2014 Water Quality Monitoring Report, filed December 4, 2014 with the Federal Energy Regulatory Commission (Commission), pursuant to license Article 404, and the Commission's Order Approving Water Quality Monitoring Plan.<sup>1</sup> Your approved plan requires you to monitor water quality, May through September, once every 5 years for the duration of the license. You are required to conduct hourly monitoring of temperature and dissolved oxygen (DO) upstream and downstream of the project over a 24-hour period once per month during the sampling period, and take profile measurements of temperature and DO in the reservoir near the dam once per month during the sampling period.

Your report includes the results of hourly DO and temperature monitoring during a 24-hour period for the months of May through September 2014. Monitoring was conducted upstream of the Cataract Basin where Highway M35 crosses the Escanaba River and downstream of the confluence of the Cataract powerhouse tailrace and the natural river channel. Your report also includes the results of DO and temperature profiles conducted at the dam. According to your report, the Cataract powerhouse and penstock were out of service, and as a result, all water released from the basin was directed to the natural river channel.

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<sup>1</sup> 84 FERC ¶ 62, 238 (issued September 17, 1998).

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On October 22, 2014, you provided a copy of your report to the Michigan Department of Natural Resources and U.S. Fish and Wildlife Service. The agencies did not provide comments in response.

Your 2014 report fulfills your reporting requirement pursuant to Article 404. Your next monitoring report, for the 2019 monitoring season, will be due by December 31, 2019. Thank you for your cooperation. If you have any questions regarding this letter, please contact me at (202) 502-8171.

Sincerely,

Andrea Claros  
Ecologist  
Division of Hydropower Administration  
and Compliance

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