

January 5, 2015

Mr. Nick Utrup
U.S. Fish and Wildlife Service
Wisconsin/Minnesota Ecological Services Field Office
4101 American Boulevard East
Bloomington, MN 55425

Subject: 2014 Water Quality Monitoring Report
Big Falls (P-2390-01), Thornapple (P-2475) & Turtle-Flambeau (P-2390-02)

Dear Mr. Utrup:

Enclosed is the 2014 Water Quality Sampling Report for Big Falls and Thornapple flowages. The samples were taken in late July and August from the deepest point of each reservoir immediately upstream of the boat restraining barrier. No sampling was conducted this spring due to high river flows. Although there is some variability in the parameters analyzed, for the most part, the results have been relatively consistent. In order to reduce the size of the report, I have included results for the past five years as recommended by the WDNR. At that time, NSPW and the WDNR agreed that providing the data since monitoring began was unnecessary.

Annual water quality monitoring for the Turtle Flambeau Flowage is conducted by the Citizens Lake Monitoring Program and the results are published on the WDNR's website. The link is <http://dnr.wi.gov/lakes/clmn/Stations.aspx?location=26>. Should citizen monitoring be discontinued in the future, NSPW shall provide replacement services as stipulated in the 2008 Big Falls Water Quality Certification.

Should you have any questions concerning this report, you may contact me at (715) 737-1353 or by e-mail at matthew.j.miller@xcelenergy.com. Please provide me with any comments that you may have by **January 30, 2015**.

Sincerely,



Matthew J. Miller
Hydro Licensing Specialist

Enclosure: 2014 Water Quality Monitoring Report

c: Cheryl Laatsch – WDNR (via e-mail)
Project Files