

Mohawk Valley Water Authority
One Kennedy Plaza
Utica, NY 13502
Telephone (315) 792-0301
Fax (315) 792-4722
www.mvwa.us



Secretary
 Federal Energy Regulatory Commission
 888 First Street, NE
 Washington, DC 20426

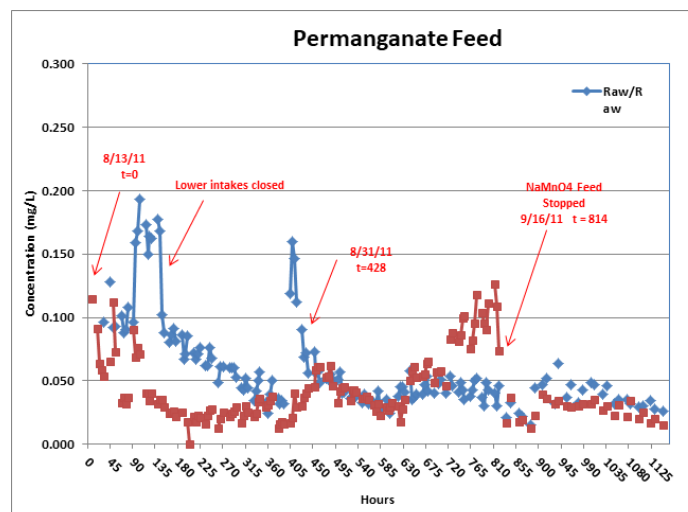
RE: Jarvis Project (P-3211-009)

Dear Secretary:

The Mohawk Valley Water Authority (MVWA) is the drinking water supplier for approximately 130,000 residents of the greater Utica area. The water source for the MVWA's customers is the Hinckley Reservoir. MVWA intakes are located approximately 440' from the Jarvis intakes at the Hinckley Dam on Hinckley Reservoir.

The MVWA is concerned about the effect of the Jarvis project's intake on Hinckley Reservoir. We are requesting a study of the hydrologic effects of varying release rates on water quality within the reservoir with particular attention to water quality characteristics at the Hinckley Dam near the MVWA intakes. This should minimally include a study of thermal stratification, dissolved oxygen, iron/manganese concentrations, color, total organic carbon, and turbidity.

In July and August 2011, the MVWA experienced a major discolored water event caused by high manganese levels in our source water, Hinckley Reservoir. The MVWA began a permanganate feed on August 13, 2011 and closed the lowest reservoir intakes on August 18, 2011. The raw water manganese levels dropped after the intakes were closed (see chart). The feed was taken off-line on September 16, 2011.



The MVWA is also requesting a study of the concentrations of algal toxins, specifically microcystin, nodularin, anatoxin-a, and cylindrospermopsin, at various reservoir levels. This is also due to the concern that the Jarvis intake is causing water quality issues and stratification of the reservoir. For this study, we are recommending study time frame of two consecutive sampling seasons (April-October).

If you have any questions regarding these study requests, please contact our Director of Water Quality, Philip Tangorra (ptangorra@mvwa.us) or (315) 792-0319.

Sincerely,

Richard D. Goodney, P.E.

MVWA Director of Engineering

Document Content(s)

MVWA Study Request Jarvis FERC.PDF.....1-2