Essential Power, LLC
c/o William P. Short III
44 West 62nd Street
P.O. Box 2371773
New York, New York 10023-7173

Re: LIHI Certification for Indian Orchard Hydroelectric Project, FERC #10678
Water Quality

Dear Mr. Short,

According to the 2010 303(d) list, the Chicopee River (MA36-24) is impacted by fecal coliform and is listed as a Category 5 water: “Waters Requiring a TMDL”. The Department believes that the Indian Orchard Hydroelectric Project and its operations neither cause nor contribute to the presence of fecal coliform both immediately up and downstream of or in the Project area.

The 1998 Chicopee River Water Quality Assessment Report presents the following for river segment MA36-24:

“No current data/information was available therefore all uses are not assessed at this time. The Aquatic Life Use, however, is on “Alert Status” due to the potential impacts of hydromodification resulting from the hydropower operations.

Additional data is needed to evaluate the effects of hydropower activities on streamflow conditions and habitat quality along this segment of the Chicopee River (e.g., frequency and magnitude of streamflow fluctuations, habitat loss, etc.).”

We have no record of a 401 Water Quality Certification issued for this facility.

If there are any questions, please call me at 508-767-2854.

October 31, 2012
Sincerely,

[Signature]

Robert Kubit, P.E.

Cc: Caleb Slater/MADFW