

APPENDIX A

Water Quality Certification Amendment for the Carver Falls Project Issued By the Vermont Department of Environmental Conservation Issued June 29, 2012

Based on its review of the applicant's proposal and the above findings, the Department concludes that the modifications at the Carver Falls Hydroelectric Project will comply with the Vermont Water Quality Standards and will be in compliance with sections 301, 302, 303, 306, and 307 of the Federal Clean Water Act, 33 U.S.C. §1251 et seq., as amended, and other appropriate requirements of state law. In making this determination, the Department amends the original certification to modify the following condition:

B. Flow Management. Except as allowed in Condition C below, the facility shall be operated in a true run-of-the-river mode where instantaneous flows below the tailrace shall equal instantaneous inflow to the impoundment at all times. When the facility is not operating, all flows shall be spilled at the dam. Both units shall be shut down and all flows shall be released at the dam when inflow is less than 30 cfs plus the bypass flow release as given below. Bypass flows shall be maintained in accordance with the following table.

Period	Bypass Flow Release (cfs)
May 16 – March 31	18.5
April 1 – May 15	50

The bypass flow release is the value listed above or instantaneous inflow, if less.

Bypass conservation flows, except for uncontrolled leakage, shall be released as full crest spillage over the south spillway section. Except during the aesthetic flow release periods noted below, any portion of the flow that would exceed 1.0 inch of spillage may be routed through a gate. The full crest spillage requirement does not apply during the period November through March.

Aesthetics flow releases consisting of no less than 2.5 inches of spillage (or inflow, if less) over the south spillway shall be provided on Memorial Day, Independence Day, Labor Day, Columbus Day and every Sunday during the months of July and August. The flow release shall commence at 9:00 a.m. and continue through the daylight hours.

All other conditions in the original December 5, 2008 water quality certification issued for the project remain in effect.