

WATER QUALITY CERTIFICATION AMENDMENT

(P.L. 92-500, Section 401)

In the matter of: Comtu Falls Corporation
Howard Hill Road, Box 466
Cavendish, Vermont 05142
Application for Amendment to Comtu Falls
Hydroelectric Facility Water Quality
Certification

The Water Quality Division of the Vermont Department of Water Resources and Environmental Engineering (the Department) has reviewed the information submitted by Comtu Falls Corporation (the applicant) by letter dated August 31, 1983 and finds:

1. The applicant operates an existing run-of-the-river facility at Comtu Falls in Springfield. That facility was certified by the Department on August 23, 1982. The facility has a single 250 kw turbine-generator unit with a low-end hydraulic capacity of about 105 cfs.

2. The applicant proposes to install a second turbine-generator unit (150 kw). The low-end hydraulic capacity of the second unit will be 40 cfs. When stream flow drops below 44 cfs (the capacity of second unit plus 0.5 inch spillage over the dam), the facility will shut down and spill all inflows.

3. No construction in the river proper is required.

4. The applicant collected additional water quality data during July and August, 1983. The dissolved oxygen levels upstream and downstream of the facility exceeded the minimum standards for Type II waters, 6 mg/l. The 7Q10 flow at the site has been estimated at 23 cfs. It is not expected that this

change to the project will cause substandard dissolved oxygen levels.

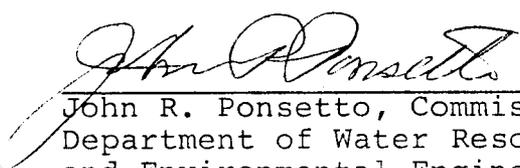
CONDITIONS

Based on its review and findings, the Department hereby amends the Comtu Falls Water Quality Certification by changing condition A to read:

A. An instantaneous stream flow of no less than 0.5 inch of water shall be discharged over the full length of the dam crest at all times when available from inflow to the impoundment. When instantaneous inflows fall below 44 cfs, all inflows to the impoundment shall be passed over the dam. The facility shall be operated in a strict run-of-the-river mode, with instantaneous outflows equalling instantaneous inflows.

and adding condition E:

E. If, at any time in the future, the Department finds that operation of this facility causes substandard water quality in the Black River, the Department may require changes to the operational procedure as necessary in order to insure that the standards are not violated.


John R. Ponsetto, Commissioner
Department of Water Resources
and Environmental Engineering

Dated at Montpelier, Vermont
this 11th day of Oct., 1983.

JRC/rh