

## 2005 Olympic Regional Development Authority Whiteface Mountain – Pump House No. 1 Frazil Ice Mitigation and Pumping Improvements



The initial project included the construction of a building addition that would house dual flow band screening equipment that was designed to remove frazil ice from river water used for snow making purposes. Design will begin in the near future on adding a new wet well pump chamber to the existing building that will allow for expansion of snow making at the Whiteface Ski Area. Engineering and Planning services provided for the initial project include:

- ◆ Preliminary Engineer's Letter Report
- ◆ Environmental Review Assistance
- ◆ Final Design and Specifications
- ◆ Construction Administration

The major components of the project included:

- ◆ Pre-cast wet well
- ◆ Two (2) Dual Band Screening Machines, including system controls
- ◆ Construction of a Building over the new wet well

The completed screening system provides water without frazil ice to the pumps. This has allowed a safer work environment and a decrease in downtime for the pumps.

Reference:

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