

Bartlett Carry Dam as Reported February 1994

Reconstruction of the Bartlett Carry Dam began in the fall of 1993. Work was proceeded by several years of permitting and design that at some times seems unending. The dam restoration project persevered, however, under the able leadership of Curt Stiles.

Before construction could begin, permit approvals had to be obtained from the Department of Environmental Conservation, the U.S. Army Corps of Engineers, the Town of Harrietstown, and the Adirondack Park Agency. Once the necessary approvals were obtained, access to the dam had to be created.

Access to the southern side of the dam was improved by opening an old logging road. Access to the north side of the dam was obtained by widening a path to the Bartlett Carry Club beach. Only a few trees had to be removed. Great care was taken on both sides of the dam to insure that the area could be restored as much as possible to its pre-existing condition once construction is complete.

The dam is being repaired in two stages. In late fall, a portable coffer dam was placed in front of the northern half of the dam, and the area was dewatered. Logs and debris were then removed from the upstream and downstream sides of the dam. Upon inspection, interior damage to the dam was found to be more extensive than realized and would have caused failure within three to five years.

In late November, concrete was pumped into forms built around the old dam. The portable coffer dam was removed and water began flowing over the new spillway on December 20.

The coffer dam has been moved to the southern side of the dam. The building of forms and pouring of concrete will continue throughout the winter. The reconstruction project is expected to be completed by spring.

Carl Hathaway has been our point man on the dma project. He has documented its progress well and keeps the USLA informed.

About the Design

A number of considerations and concessions were made in the design of the dam. First, it had been decided by the dam committee that the functions of the existing dam be maintained as closely as possible. The level of the new spillway is within inches of the old spillway, and is lower on the south side, as was the old spillway. The north spillway was designed with a series of steps to maintain the sound of falling water provided by the old dam.



The entire structure of the repaired dam is much more massive than the old dam. This was necessary to meet all of the rules and regulations of the permitting agencies.

Funding

Repair of the Bartlett Carry Dam is being funded almost entirely by private donations made to the Upper Saranac Lake Foundation. Senator Stafford has also provided a "legislative grant" of \$35,000. Nearly \$120,000 was spent for dam repair in 1993. An additional \$200,000 will be spent in 1994 to complete the project. Your continued financial support is needed to insure that the Foundation maintains sufficient funds to continue its mission.

