CDBG Progress Report
City of Larsen Bay
Grant Number: 850552
Period: 4/1/2010 – 6/30/2010

Project Activity:

The hydro upgrade project in Larsen Bay is now complete. The rural utility technicians traveled to Larsen Bay during the last week in May 2010 for two weeks and completed the following tasks:

- Replaced the turbine shaft bearings
- Replace turbine shaft seals
- Completed SCADA programming
- Installed, programmed and tested CCTV cameras
- Installed and tested dam level sensor
- Establish communication link between the dam and the turbine building
- Tested hydro turbine for leaks and proper operation
- Placed hydro turbine online
- Trained locals on operation of the hydro powerhouse

Reference the photographs on page 2 taken May 2010.

AEA will continue to provide on call telephone and remote SCADA support for the operation of the hydro. A rural utility worker may be available for travel to Larsen Bay for technical support on a limited basis dependent upon continued funding of the Technical Assistance Program.

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dam camera.jpg

exterior turbine building.jpg

inside turbine housing.jpg

intake structure.jpg

new switchgear.jpg

pelton wheel.jpg

spillway.jpg

turbine bearings.jpg