

# BIBLE HILL PUMP STATION CLAREMONT, NEW HAMPSHIRE



*Exterior View of the New Bible Hill Pump Station*

In 2004 the City of Claremont, NH initiated final design with Dufresne Group (DG) for the replacement of the existing Bible Hill water booster station. The booster station upgrade was recommended in the preliminary engineering report completed by DG.

The existing pump station was housed in an antiquated brick and block shed without emergency power. The location of the new pump station was optimized for routine access and system hydraulics.

Construction of the pump station began in May 2007 with substantial completion in November 2007.

## KEY FEATURES

- Skid-mounted dual vertical centrifugal pumps and control.
- 80 KW emergency power generator.
- Radio telemetry connection to the water treatment facility for continuous system data collection.
- Water system hydraulics characteristics were modeled using the computer model developed and calibrated by DG.