

# COMMONWEALTH DAIRY PUMP STATION

TOWN OF BRATTLEBORO, VERMONT



*Exterior View of the Commonwealth Pump Station*



*Interior View of the Commonwealth Pump Station*

In 2010 the Brattleboro Development Corporation initiated final design with Dufresne Group (DG) for the design of the new Commonwealth water booster station. The booster station was required to deliver water to the new Commonwealth Dairy yogurt factory.

The location of the new pump station was optimized for routine access and system hydraulics.

Construction of the pump station began in July 2010 and reached substantial completion in May 2011.

## KEY FEATURES:

- Skid-mounted jockey pump centrifugal booster pumps and dual 100 hp fire pumps.
- 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.