

# WATER TREATMENT FACILITY CONSTRUCTION SERVICES

TOWN OF MONTPELIER, VERMONT



For over two decades the City of Montpelier planned construction of a surface water treatment facility to produce potable drinking water from the Berlin Pond source. After numerous site relocations during preliminary design, the construction of a state of the art 4.0 million gallon per day water treatment facility was initiated in 1998.

DG provided construction consulting services during the 620 calendar day construction period, which concluded in June 2000. These services included:

- Engineering Services Negotiations
- On-Site Construction Observation
- Process Engineering Consultation
- Operator Training
- Facility Startup/Demonstration of Operational Readiness
- Operation and Maintenance Manual Development
- Source Protection Plan Development
- On-going Operational Assistance

## KEY FEATURES:

- \$400,000 reduction in engineering fees.
- Significant construction issues including a small site, 30,000 CY of ledge blasting and excavation, extensive yard piping with sizes up to 48 inches in diameter.
- Continuous on-site demonstration of operational readiness consultation.
- Customized operator training.