

WATER MAIN PROJECTS

TOWN OF MANCHESTER, VERMONT



Construction in Progress



Main Flushing

The Town of Manchester, like other Vermont towns, has been faced with the task of replacing aging water distribution infrastructure. Dufresne Group has provided the Manchester Water Department with engineering services since 1999. Dufresne Group has provided design and engineering during construction for over 26,300 linear feet of water main for the Town of Manchester.

Many of these projects were combined with other infrastructure replacement projects including sewer main replacement, storm drain replacement and road reconstruction. Dufresne Group assists the Manchester Water Department with capital planning for water main replacement and provides recommendations for prioritizing the aging water mains, as well as recommendations for combined infrastructure replacement projects where warranted.

Dufresne Group provides a water system design based on a hydraulic computer model of the water system in WaterGEM's® and completes the design drawings in AutoCAD Civil 3D® using the pipe network feature.

Dufresne Group has consistently provided the Town of Manchester with accurate water main construction costs and typically completes the design and construction within the original total project budget.

WATER MAIN PROJECTS:

- Applewood Lane
- Bond Street
- Cass Terrace
- Cottage Street
- Dillingham Avenue
- East Manchester Road
- Elm Street
- Elm Street Extension
- Franklin Avenue
- Highland Avenue
- Leland Drive
- Mountain View Terrace
- Poplar Lane
- Riverside Heights
- Route 11/30
- West Road
- Williams Street