

Water Treatment Facility

Pawtucket, Rhode Island

Project Specifications

Contract amount: \$6,380,000

Total Project amount: \$60,000,000

Construction Manager: Earthtech, Inc.

Mechanical Engineer: Earthtech Inc.

Facility type: Water Treatment

Schedule: September 2005 – November 2008

Project Location: Pawtucket, RI

Services Provided

- HVAC
- Plumbing
- Process Piping
- Fire Protection
- Fabrication

Highlights / Achievements

40,000 man-hours working a fast track schedule

Over \$1,000,000 in large bore stainless steel piping

Installation of raw water pump station and inlet screens directly into adjacent river

Off site stainless steel pipe fabrication to help accelerate job schedule

Expertly engineered shop drawings assured accuracy of field poured concrete items



Project Overview

The Pawtucket Water Treatment Facility helps the Pawtucket Water Supply Board service a population of over 100,000 people in Pawtucket, Central Falls and the Valley Falls section of Cumberland. The new water treatment facility is capable of producing 26 million gallons of potable water each day utilizing a series of processes including clarifiers, filters and UV disinfection. Its raw water pump station and the treatment facility has standby power that will support 100% of the facilities electrical loads should it lose primary power.

Value Delivered

Arden's team of project managers, engineers, plumbers and pipefitters kept the project moving on schedule utilizing advanced mechanical design, fabrication and installation tools and techniques to help keep the project running smoothly and on budget. Arden's team is made of experts in water treatment and waste water treatment facilities. Construction managers and owners who know water treatment facilities know they will receive quality installation, training and service when they team with Arden Engineering Constructors.



DESIGN • CONSTRUCT • MAINTAIN

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