

PAWTUCKET, RI WATER TREATMENT FACILITY

New Construction

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, RI.

The new water treatment facility is capable of producing 26 million gallons of potable water each day by utilizing a series of processes, including clarifiers, filters, and UV disinfection. Its raw water pump station and the treatment facility have standby power that will support 100% of the facility's electrical loads, should it lose primary power.



PROJECT SPECIFICATIONS

Contract Amount: \$6,380,000

Facility Type: Environmental

Schedule: September 2005 - November 2008

Location: Pawtucket, RI

SERVICES PROVIDED

New Construction
Fabrication
Plumbing

VALUE DELIVERED

Arden's team of project managers, engineers, plumbers, and pipe fitters kept the project on schedule utilizing advanced mechanical design, fabrication, and installation tools and techniques to stay on budget. Arden's team is comprised of experts in water treatment and waste-water treatment facilities. Construction managers and owners know they will receive quality installation, training, and service when they team with Arden Engineering Constructors, LLC.

HIGHLIGHTS/ACHIEVEMENTS

40,000 man hours

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

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

Off-site stainless steel pipe fabrication to help accelerate job schedule

CONTACT US

505 Narragansett Park Drive
Pawtucket, RI 02861
401-727-3500
www.ardeneng.com