



MARINE INDUSTRY

"This was the first time I had worked with fiberglass reinforced sheet pile. Creative Pultrusions not only provided a great product, but also the support and knowledge required to get the job done. They assisted in value engineering and design so that we were able to eliminate the need for a galvanized C-Channel water system. This helped to reduce material costs and accelerated the installation of the flood walls. They worked with me to coordinate the delivery of the FRP sheet pile and SuperWale™ and provided it ahead of the quoted lead times which allowed JFC to stay on schedule. I look forward to the next opportunity to work with Creative again."

~Jason Newman
General Superintendent
J. Fletcher Creamer & Son, Inc.

Laurence Harbor Wastewater Facility Retaining Wall



Location

Old Bridge Township, NJ

Installation Date

June - December 2015

Profiles Utilized

SuperLoc® Series 1580,
Superwale™, Series 1580
FRP Cap

Installation Method

A.P.E. Model 10
Vibratory Hammer

Owner

Old Bridge Municipal
Utilities Authority

Contractor

J. Fletcher Creamer &
Son, Inc.

Sales Channel

Lee Composites, Inc.

HIGH STRENGTH

Stronger than steel.

CORROSION RESISTANT

Increased service
life and low maintenance.

LIGHTWEIGHT

70% Lighter than
steel.

Project Description

The Old Bridge Municipal Utilities Authority, located on Raritan Bay needed to protect the Laurence Harbor Wastewater Facility from future storm surge. SuperLoc® Series 1580 fiberglass reinforced sheet pile and SuperWale™ were selected to help accomplish this task. The project included driving 2 separate sheet pile walls as part of the 700 linear foot retaining wall and 650 linear foot anchor wall that both utilized the series 1580 and SuperWale™. The structure was later backfilled, a concrete walkway was poured on top and rip rap stone placed in front along the shoreline. An additional 765 linear foot flood control wall was driven closer to the facility as a second line of defense and then capped using FRP Channel.