



Case Study WATER

Location
Redwood City, California

Client
Silicon Valley Clean Water

Contractor
Barnard-Bessac Joint Venture

Year
2019

Project

Silicon Valley Clean Water Project

Silicon Valley Clean Water's (SVCW's) wastewater conveyance system serves over 200,000 people and businesses in the San Francisco Bay area.

What We Delivered



DIAMETER

10 & 11 Foot



PRESSURE

6 bar



METERS

17000 Feet



JOINTS

Double Bell
Couplers



DELIVERING

Waste water

SVCW joined a Progressive Design-Build agreement where the requirements of the project outlined a 100-year design life and a 10-year design life warranty. The team evaluated several design alternatives for a cost-effective, corrosive-resistant lining that will have maximum resiliency with minimal maintenance over the course of 100 years. Future Pipe Industries corrosion-resistant, durable pipe system, Fiberstrong™ was chosen for the project.

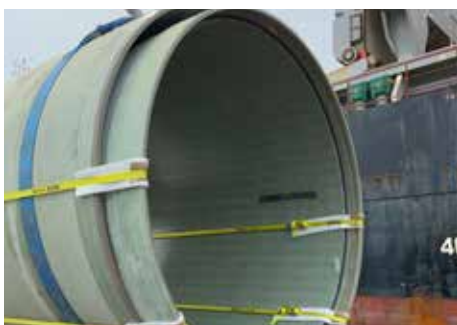
We have supplied 17,000 feet Fiberstrong™ FRP pipes and couplers across a mixture of 10- and 11-foot diameters. This will be the largest diameter fiberglass pipe to be used in a North America project to date. The pipes were manufactured at our Indonesia plant and delivered to the project site in Redwood City, California. It has been largest overseas shipment of fiberglass pipes with over 50,000 cubic meters of pipe delivered.

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SVCW's Regional Environmental Sewer Conveyance Upgrade (RESCU) will replace the failing 45-year-old existing system with a pipeline project which includes the design and construction of 3.3 miles of a 16-foot-diameter gravity pipeline tunnel.

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Gallery



Need
More Info?

Please get in touch with us
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