



Project Spotlights: San Diego Flow Control Facility

GENERAL CONTRACTOR

JF Shea Construction, Inc.

COMPLETION DATE

Summer 2020

CATEGORIES

Abandonment, Load-Reduction &
Value Engineering



ABOUT THE PROJECT

JF Shea Construction, Inc. was contracted by the San Diego Water Authority to rework the San Diego #28 Flow Control Facility. This project had several underground pipes to be taken out of service. Plans called to fill the pipes with a low-sack sand slurry. These mixes needed additional mix water to be made flowable, and that extra water causes separation to occur (sand would fall to the bottom and water would rise to the top), maintaining a void.

THE SOLUTION

Cell-Crete's Engineered Fill Division submitted Class II material, a very pumpable mix that does not separate. The picture to the left demonstrates the ability of this material to fill a large diameter pipe void-free. Cell-Crete's abandonment material is being used to backfill the pipe. This abandonment of the underground pipes currently in place would help save the costs of removal in the overall project.

