



Targa Resources, Docks 4 and 2 Galena Park, Texas

Renovation

Demolish Dock 2A and the approach, remove designated breasting and mooring dolphins, dredge to -40 ft. to construct Dock 4, a pile-supported concrete structure with elevated steel platform, and perform a partial rebuild of the existing approach as a pile-supported concrete dock parking area for existing Dock 2 and new Dock 4.

SEC executed the Targa Resources-developed plan, performing all marine structure engineering design and coordination services for Docks 4 and 2.

SEC also provided design work for the installation of breasting and mooring to handle LG 64,000 DWT vessels up to 750 ft. in length and oversaw design and installation of a 20-ton deck-mounted pedestal crane, two 16 in. diameter loading arms, and platform accommodations for future 12 in. diameter loading arms.

Completed
March 2014

Nature of Responsibility

Gary Schneider, P.E., Principal in Charge of Design
Steve Walton, P.E., Designer of Record

Client Representative

Mark Flores, Project Manager
Targa Resources
Galena Park Marine Terminal
Houston Ship Channel
12801 American Petroleum Road
Galena Park, TX 77547

Schneider Engineering & Consulting
5430 W. Tyson Avenue
Tampa, Florida 33611
T: 813-835-2860