

715 OAK PARK AVE
CORPUS CHRISTI, TEXAS 78408

11202 US HWY. 59 NORTH, STE B
VICTORIA, TEXAS 77905

11837 Fairmont Parkway
LA PORTE, TX 77571



BHP ENGINEERING & CONSTRUCTION, LP

RELEVANT PROJECT EXPERIENCE

Valero Three Rivers Tank Farm Survey

Performed a tank farm survey to determine dike wall containment volumes and regulatory compliance. Surveyed approximately 115 Acres of tank farm and calculated volumes of dike wall containment excluding tanks in volume area.

Engineering cost \$46,000

Flint Hills Tank Farm Survey (Jacobs)

Performed a tank farm survey to determine dike wall containment volumes and regulatory compliance. Surveyed approximately 5 Acres of tank farm and calculated volumes of dike wall containment excluding tanks in volume area.

Flint Hills R.O. Water Treatment Site Survey

Performed a site survey of an area in the Flint Hills Refinery in Corpus Christi, Texas to document all the underground interferences, obstructions, and existing pond area for closure to provide real estate for an R.O Water Treatment Facility.

Project cost \$8,000,000

Citgo Deep Sea Terminal Survey

Performed a tank farm survey to determine dike wall containment volumes and regulatory compliance. Surveyed approximately 40 acres of tank farm and calculated volumes of dike wall containment excluding tanks in volume area.

Engineering cost \$?

Citgo West Plant Petcoke Laser Scan

Performed a laser scan of the operating deck at the top of the Citgo West Plant coke drums to determine all interferences and clearances.

Engineering cost \$28,834

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Citgo East Plant Vacuum Heater Laser Scan

Performed a laser scan of a heater at the Citgo Refinery. The heater had sustained damage due to an explosion and fire. We used the laser scanner to evaluate the damage of the heater relative to its original design, and designed structural fixes to strengthen the structure.

Engineering cost \$20,000

Valero Corpus Christi H.O.C Laser Scan

Performed a laser scan of large diameter alloy piping in a very congested unit in preparation for a turn around. We scanned the unit, prepared 3D models of piping which was used for fabrication and perfect fit up. We were expected to be the item to take the longest, but because of our scan we were finished prior to other items being completed.

Engineering cost \$22,000

City of CC Wastewater Treatment Plant Imp.

Surveyed four treatment plants in the Corpus Christi area to locate all above ground and underground interferences for the purpose of installing tank chlorination systems.

Dow Chemical Bleach Tank Survey

Surveyed a site in the Dow, Seadrift facility to locate all above ground and underground interferences for the purpose of installing a bleach tank.

Encycle Survey

Surveyed a site in the Encycle, Corpus Christi facility to locate all above ground and underground interferences for the purpose of installing an underground firewater system in their tank farm.

Interstate Grain Railroad Yard

Surveyed approximately 2 miles of existing Union Pacific railroad right of way and Interstate Grain property for the design and installation of a 200 car rail yard to facilitate the loading of grain.