

american coating technologies

PO Box 294
East Aurora, NY 14052
Phone: (716) 572-5358
Fax: (716) 652-2255
art@amcoating.com
www.amcoating.com



SECONDARY CONTAINMENT

Service | Secondary containment, interior / exterior tank coating
Client | Superior Energy; Marcy, New York
ACT Product | ACT dry fall coating, Seamless Polyurea Liner

Project

Superior Energy tanks were taken out of service and the terminal was shut down. The existing secondary containment was constructed with earth and stone berm walls and then covered with four inches of asphalt.

Under direction of the Department of Environmental Conservation, Superior Energy was required to submit a complete engineering plan including an API 653 inspection and a myriad of items required to put the terminal back in service. American Coating Technologies was contacted to devise a plan which included a complete secondary containment liner, a primary containment liner, and the recoating of tanks and piping.

Superior Energy's decision to enact the plan devised by American Coating Technologies was based on two defining factors;

1. Our polyurea liner is installed seamless unlike a HDPE liner that requires yearly maintenance.
2. Our seamless polyurea liner does not require six inches of stone on top of the liner.

Solution

Our American Coating Polyurea Liner was installed seamless, and we used concrete parking chocks on top of the berm to prevent wind up lift. We sand blasted the tank interior, and applied 22 mil of our flexible epoxy as the primary containment liner. We finished the project by applying our surface tolerant dry fall primer and our dry fall aliphatic urethane. All of the work we performed was inspected and approved by the DEC.

