

Project Title

Scott Petroleum Biodiesel Plant

Greenville, MS

Mission

Engineer and design a terminal to store and handle feed stocks to and from new 20 mm gallon per year Biodiesel production facility.

Project

Engineered, designed, constructed and commissioned an 8.4 million gallon terminal facility to support the production of B100 (Biodiesel fuel) and the storage and handling of feedstocks, methanol and #2 diesel fuel. Terminal features include:

- 8.4 million gallons of tankage
- 24\7 Driver loaded truck rack complete with blenders
- State of the art terminal automation system
- Marine dock access with 2,000 barrel per hour unloading rates on Lake Ferguson
- Rail car loading and unloading system for diesel and feedstocks
- Steam and electric heat tracing systems

Project Highlights

Provided interface with biodiesel plant engineers.

Designed and constructed 2 mile pipelines from the terminal to the dock located on Lake Ferguson – Branch off the Mississippi River.

Specified and designed a state of the art multi-purpose truck rack.

Designed and procured an 8 position rail car loading and unloading rack complete with automated loading and blending system.

Developed all response plans including the ICP, SPCC, ERAP and Hazcomm Plans.

Developed plans for: Homeland and DOT Security Plans; USCG Operations.

Services

Engineering and Design

Project Management

Manual Development

