

## Project Title

Ethanol Blending Facility

Atlanta, GA

## Mission

Engineer, design and construct an ethanol loading and unloading facility at an active gasoline terminal.

## Project

Engineered, designed, constructed and commissioned an ethanol project which included:

- Design, procurement and installation of a 10,000 gallon oil water separator complete with concrete containment
- Decommission and closure of an existing underground oil water separator
- Design and installation of a vapor recovery unit to replace a vapor destruction unit.
- Structural design of pipe supports, concrete containment pads for truck unloading bay, oil water separator containment and embankment support, VRU foundation.
- Upgrade and replacement of terminal automation system and relay panel.
- Design, procurement and installation of new 2000 amp motor control center and transformer.
- Design, installation and commissioning of nine sequential blender positions for 87, 93 and ethanol.
- Design and installation of an ethanol unloading and measurement rack.
- Design and refurbishment of a portable prover can complete with efficient evacuation pumping system.
- Design, procurement of upgraded pumps and motors to improve loading rates at all 18 positions to 600 gpm.
- Modified tank and piping to handle ethanol.



## Project Highlights

Secured all permits from the City of Atlanta and Georgia Department of Environmental Protection.

Complete project within a very tight timeline with no injuries.

Solved numerous other hidden problems at the terminal during the project.

## Services

Engineering and Design

Project Management

Commissioning Services

