

# Philadelphia Terminal Expansion



**PROJECT:** Philadelphia Terminal Expansion  
**CLIENT:** Kinder Morgan  
**LOCATION:** Philadelphia, PA  
**SERVICES:** Installation of piping, electrical, controls and all equipment related to the ethanol truck loading requirements from designated ethanol storage tanks within the facility

**DESCRIPTION:**

The Philadelphia Terminal is a liquid product storage facility for petroleum, chemical and denatured spirits products. This liquid terminal installation and expansion project distributes product utilizing two variable frequency drive (VFD)-controlled transfer pumps sending product to three truck spots equipped with mass flow meters, digital controls, and loading arm assemblies.

A new Toptech TMS 6 system was installed to allow for same day inventory and customer billing within 24 hours of the trucks being loaded. By employing this process, the customer will now have the ability to take full advantage of the previously installed rail unloading, while all ethanol tanks in the facility can have direct unloading from multiple rail spots, tank to tank transfer, and high volume transfer to the respective newly installed truck racks. With this new system, truck turnaround times will be drastically reduced.

River will also be completing the installation of a new truck entrance, guardhouse and road improvements for the logistical enhancements associated with the truck loading operation by mid-2009. The entire system, along with selected truck bay operation was programmed by River and automated through a vendor supplied system.

