



Construction Management Services for Chemical and Petroleum Bulk Storage Facilities Upgrade In Coney Island

Working with Hazen and Sawyer, A.G. Consulting Engineering, PC provided Construction Supervision of work performed for the Upgrade of Petroleum and Chemical Bulk Storage Tank at the Coney Island WPCP. The scope of work under this contract was to provide all the necessary materials and equipment to upgrade chemical and petroleum bulk storage facilities. The principal items of work include:

Chemical Bulk Storage (CBS) Facilities:

- New chemical storage and feed/transfer facilities, including storage tanks, feed/transfer pumps.
- New truck unloading transfer pads and associated equipment including demolition of roadway pavement and other structures as shown on the Contract Drawings.
- Miscellaneous upgrades to all chemical storage tanks/areas plant-wide.

Demolition and removal of:

- Chemical systems including tanks, piping, pumps and associated appurtenances: to included potassium permanganate, sodium hypochlorite, and ferric chloride and defoamer storage tanks.
- Chemical off-loading boxes including piping and appurtenance for unloading the following hazardous materials: sodium hypochlorite, sodium hydroxide and ferric chloride.

Petroleum Bulk Storage (PBS) Facilities:

- Relocation of an existing lube oil storage tank including construction of a new secondary containment dike including all associated equipment and appurtenances.
- New cathodic protection for buried PBS tanks and piping including non-volumetric tightness testing of all tanks or piping before and after cathodic protection work.
- Replacement of inventory control system for buried PBS tanks.
- Miscellaneous upgrades including fill port replacement and spill containment.

Miscellaneous:

Supplying portable sump pumps and portable hose support assemblies; Emergency eyewash/showers; Instrumentation and controls; Configuration and connection of the system to the existing SCADA system optic link; Installation of water induction pumps, piping and hoses; All associated electrical work.

Location:

Brooklyn, NY

Owner:

Dept of Environmental Protection, Bureau of Wastewater Treatment

Services Provided:

Construction Management



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