

Project Scope:

Great Northern Engineering was contracted by Delta Western to design a new six-tank bulk fuel tank farm at the Port of Anchorage. The project was a multi-year Scope of Work which was broken up into several Design-build phases. GNE teamed with Roger Hickel Contracting to complete the work. Final storage capacity of the new tank farm will exceed 300,000 barrels.

Project Detail:

- Provided the Site Prep Phase which included a soils and geotechnical evaluation of the site to determine site conditions and future site prep / structural requirements for Phase I.
- Worked with Delta Western and several government agencies to mitigate contaminated soils and site conditions;
- Provided Phase I design which included the terminal facility and Tanker Truck Loading Rack (TTLR).
- Provided Phase II design which included civil, site prep, drainage, secondary containment, all connections to POAVY, a Vapor Combustion Unit (VCU), and initial 50,000-barrel tankage.
- Providing Phase III design which includes a concrete-injection soil stabilization design, secondary containment, and two additional 50,000-barrel storage tanks;
- Future Phase IV design will include a Rail Car Loading Rack (RCLR), tankage for an additional 150,000-barrels, and all required infrastructure and battery limit connections.

