



**Project**  
Shoreside Petroleum Seward Tank Farm  
**Client**  
Shoreside Petroleum, Inc.  
**Location**  
Seward, Alaska

### Project Scope:

Great Northern Engineering was contracted by Shoreside Petroleum of Alaska to design a new four tank API 650 bulk fuel tank farm located adjacent to the Seward seawall. The project was a multi-year Scope of Work which was broken up into several Design-build phases. GNE teamed with T-Bailey & Harmon Construction to complete the work. Final storage capacity of the new tank farm is nearly 100,000 barrels. Product storage includes ULSD, Jet-A, gasoline, Avgas, and heating oil.

### Project Detail:

- Phase I: Completed inspections of the existing onsite piping and rail lines, and provided updated as-builts to support the future Work.
- Phase II: Completed the design for twin 10-inch product offloading pipelines, connecting the tank farm to the marine header.
- Phase III: Completed a soils and geotechnical investigation of the proposed site for the new containment, tank farm, pump house, infrastructure and other new facilities.
- Phase IV: Completed the design for the new Shoreside Tank Farm in Seward. The design included all site prep and secondary containment, foundations, four new API 650 fuel storage tanks, piping, structural steel, pump house, and all other necessary infrastructure to complete the Work.
- Phase V: Completed the design for a Vapor Combustion Unit (VCU).
- Future Phases will include a Tanker Truck Loading Rack (TTLR), Rail Car Loading Rack (RCLR), an extension to the existing marshalling yard, and possible expansion to the Phase IV Tank Farm.

