

Project Scope:

Great Northern Engineering designed a bulk fuel storage facility at NOSI's operations base in Deadhorse. This facility consisted of six 200,000-gallon storage tanks. GNE provided a complete set of drawings and specifications to make the tank farm ready for construction.

Project Detail:

- Containment design to protect the environment.
- Utilized the existing piping and valves off of the tanks.
- Designed foundations for the 200,000 gallon tanks.
- Designed a truck loading and unloading containment pad.
- Provided designs for a small, skid mounted building that would house the tank controllers.
- Designed piping, pumping, and controls for truck unloading and loading.
- Provided electrical designs for the tank farm.
- Included emergency shutdown and alarm systems.
- Provided controls and instrumentation design for safe operation.

