



Project
Water Treatment Plant
Client
Teck Cominco Alaska, Inc.
Location
Red Dog Mine, Alaska

Project Scope:

Great Northern Engineering provided design, procurement and construction engineering services for all phases of the project. GNE field engineers worked onsite with the owner and various contractors during mill shut downs, winter construction, and during the start up and commissioning phase.

Project Detail:

- Prepared the basic engineering drawings to finalize the concept of the plant facility to serve as the basis for detailed design.
- Prepared all detailed designs and specifications for purchase of major equipment and construction contracts.
- Prepared cost estimates and weekly summary reports.
- Developed a plan and schedule for construction.
- Managed the environmental, health, and safety aspects of the construction activities.
- Coordinated on-site construction activities with operations.
- Prepared a package of vendor information and drawings depicting as-built conditions for turnover to operations.
- Issued field memos and clarifications as required.
- Reviewed constructability of the design.
- Prepared a control budget to monitor the costs and variances of the project.

