

AHTNA

Chevron Site Remediation *Dutch Harbor, Alaska* SECOR

Project Description

Ahtna was awarded a contract for the second phase of remediation in Dutch Harbor, Alaska. Ahtna removed the existing soils from an older bio-cell and built a temporary cell for the storage of these soils while the new cell was being constructed. A screen deck was imported to the island to remove the oversized materials from the soils that would hinder the bio-cell's performance. After the soils were screened, they were placed in the new cell and the venting and blower system were installed.

Ahtna was subsequently retained to build and assist in the design of a containment/cut off wall to redirect the flow of heavily contaminated groundwater. The excavation of the trench consisted of the removal of contaminated soils and screening and storage in the temporary cell.

The trench was lined with 20-mil liner to restrict and redirect the water. Gates were designed and built on the island and buried. This approach allowed escapement of the cleaned groundwaters and a place to absorb and catch the contaminants in the water. A catch basin and an oil/water separator were also integrated into the trench to assist in the cleaning of the surface and groundwaters.



Chevron Site Remediation, Dutch Harbor, AK. Ahtna's excavation of the trench consisted of the removal of contaminated soils and screening and storage in the temporary cell.



Chevron Site Remediation, Dutch Harbor, AK. Ahtna lined the trench with 20-mil liner to restrict and redirect water.



Chevron Site Remediation, Dutch Harbor, AK. This entire project was completed in the most severe weather conditions: snow, rain, and winds of 100 miles per hour.