

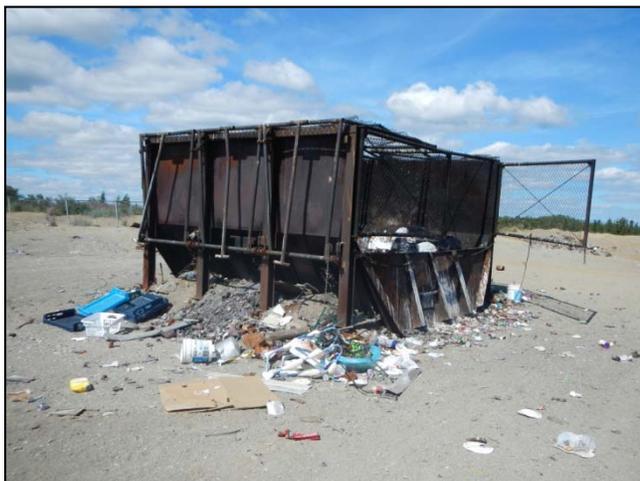
CIAP WEAR Trip Report
Newhalen (population 178)
July 24, 2013



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Kit Persson and Jamie Gorman) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Newhalen on July 24th, 2013. The following narrative is a brief description of our findings during the July inspection.

WEAR Sites

- **Landfill, 59.731888/-154.892355 (Active)** – This unpermitted landfill has been operating since its construction in 1983. The site is fully fenced with a locking gate that is secured during closed hours. The facility operates on a self-haul basis and, as of the time of inspection, employs RALO and HAZWOPER trained operators. Most burnable waste is incinerated in a Summit burn box and special waste is separated and stored onsite. However, necessary equipment for the removal of CFCs from white goods was unavailable, and batteries and used oil were poorly stored. The 5.5-acre landfill is located half a mile north of Newhalen and 2,000 feet east of erosion reported along the banks of the Newhalen River.



- **Crowley Contaminated Soil, 59.719562/-154.891769 (Active)** – This site is an active landfarm to remediate contaminated soil under the Contaminated Sites Program. The site consists of two listings Crowley Jet A Fuel Tank 471 Newhalen Tank Farm (File ID 2619.38.002) and Newhalen Bulk Fuel Storage (File ID 2619.38.001). The site is associated with numerous historic spills and a former tank farm. The site dates back to a 1983 spill reported in relation to Newhalen’s old utility tank farm. There are several data gaps in the history of this site that don’t allow for identification of all spills; however, additional free product was discovered near the 1983 spill during sewer cleaning operations in August 1999. Later, on October 30, 2008, there was a jet fuel spill totalling approximately 13,630 gallons from Crowley Jet A Fuel Tank 471. The majority of the spill was recovered from secondary containment but 2,777 gallons were suspected to have breached the containment. The tank farm has since been decommissioned with the site consisting mostly of the 2.9-acre landfarm at the time of inspection. Soil staining, 55-gallon drums, piles of dirty rags, and metal debris were identified along the perimeter of the landfarm. The site is located adjacent to the current Newhalen Tank Farm, on its lakeward side, and is 1,000 feet from Iliamna Lake.



➤ **Newhalen Tank Farm, 59.719967/-154.89269 (Active)** – This tank farm was constructed in 2012 as a part of the Alaska Energy Authority’s Bulk Fuel Upgrade Program. This tank farm upgrade is located on land owned by the City of Newhalen. It was constructed in the same location as the previous tank farm. It has a 63,000 gallon total capacity from three horizontal tanks which are labeled for diesel use. The engineered site is fully fenced with no signs of disturbance to the surrounding soil or vegetation. The tanks are located 1,600 feet from Iliamna Lake.

