



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Trisha Bower and Kym Bronson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Kaktovik, August 28th, 2014. Tom Nicolos, the North Slope Borough Airports and Landfills Manager, helped coordinate our visit. The following narrative is a brief description of our findings during the August inspection.

WEAR Sites

- **Landfill, 70.111198/-143.634774 (Active)** — This 8 acre site includes a permitted landfill and two sewage lagoons. Both are operated by the North Slope Borough (NSB) Public Works Department and are in the process of being decommissioned and incorporated into the new airstrip apron. The landfill was contracted to be closed by 2014, but it is unlikely that the contractor is going to meet this deadline due to delays with completing the new landfill. The landfill accepts municipal waste and construction and demolition debris. The NSB allows only waste from Kaktovik residents to be placed in the landfill. Waste from special projects may be allowed if the project submits an application to the NSB, and it is approved by NSB and ADEC. ADEC approval is also required in the NSB application process for polluted soil and other special wastes. The landfill has been in operation since the 1980s. This facility is located approximately 1,150 feet from the Kaktovik Lagoon and approximately 8,000 feet from the Beaufort Sea.



- **Barter Island LRRS Hanger, 70.135543/-143.589814 (Active)** – This is a half-acre, active known Contaminated Site (File ID 350.38.008) due to petroleum and PCB contamination. The hanger building is owned by the US Air Force and is currently being used for dry storage of assorted equipment, vehicles, and supplies. It is located on the north side of the current runway, which is northeast of the community. Various cleanup activities have occurred over the years: 3 cubic yards of PCB contaminated soil were removed in 2006; the floor in the West Mechanical Room was remediated for PCBs, and some concrete flooring was removed and shipped out of the community for disposal in 2008. This site is a compliance site for the Barter Island Long Range Radar Station (LRRS). This site is approximately 200 feet from the Beaufort Sea.



- **Barter Island LRRS Refueling Area, 70.135791/-143.591294 (Active)** – This is a known Contaminated Site (File ID 350.38.009) due to petroleum contamination. The site is owned and cleanup is being managed by the US Air Force. It previously contained numerous ASTs, drums, connexes, and sheds. The southside of the Refueling area is currently used as a third-party fuel storage area and an aircraft fueling and maintenance area. The area is under long-term monitoring. This site is approximately 225 feet from the Beaufort Sea.



- **Community Tank Farm, 70.132158/-143.618185 (Active)** – The community tank farm is a 1.5 acre site that is regulated by the ADEC Terminals and Tank Farm Section. It is owned and operated by the North Slope Borough (NSB) and has a total capacity of 1,078,014 gallons of fuel. The site contains four vertical tanks and two horizontal tanks within fenced, secondary containment. It is also a Contaminated Site (File ID 350.38.005) due to petroleum contamination found in 1993. It contains of a fuel header and pipeline connected to the fuel tanks. Gravel covers most of the area around the facility with a small amount of tundra and surface water along the perimeter. The tank farm was upgraded in 1994. This site is approximately 725 feet from the Beaufort Sea and 260 feet from Kaktovik Lagoon.

