



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Trisha Bower and Rebecca Colvin) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Elim on September 25<sup>th</sup>, 2013. Marlin Paul, Landfill Operator, and Judith Daniels, IGAP Coordinator participated in the site visit. The following narrative is a brief description of our findings during the September inspection.

### WEAR Sites

- **Landfill, 64.64609/-162.22386 (Active)** – This permitted, Class III landfill is located 2 miles northeast of the community accessed by a maintained gravel road. The landfill is located on a mountain past the rock quarry in an elevated area. It has been continuously permitted since 2000 and is fully fenced. It is a trench and fill landfill with a separately fenced and locked septage cell. In addition to septage, it accepts municipal waste and construction and demolition waste. There is also a functioning burn unit at the landfill. Inactive areas of the landfill had been covered and revegetated by the full-time operator. White goods have all fluids and CFCs removed and are staged in an inactive area of the landfill before disposal. Elim has a waste collection program; however, some residents self-haul to the landfill. It is approximately 515 feet from Norton Bay.



- **1970s Landfill, 64.616713/-162.266119 (Retired)** – This is a historic landfill that was operated until around 1980 when the current landfill was constructed. It is located between the runway and the school, west of the town on the outskirts of the community. It is presumed to contain municipal waste and construction and demolition debris. The area was well vegetated, and small berms around the site were the only indication the area was used as a landfill. It is located approximately 520 feet from Norton Bay.



- **Old AVEC Tank Farm, 64.616556/-162.263100 (Active)** – This former tank farm and power generation site is an active Contaminated Site (File ID 600.57.001). It was in operation until 2002 when the new AVEC Tank Farm was completed. At the time of the inspection, the site was fully fenced, and the fuel tanks and all structures had been removed. Some tanks were stored along the shore for shipment out of the community and others had been cut up and taken to the landfill for disposal or reuse. It was reported the nine diesel tanks were removed the winter of 2012. No sampling has been conducted at this site to determine any levels of contamination. It is approximately 350 feet from Norton Bay.



- **Old City Shop, 64.618112/-162.260603 (Active)** – The old city shop is located on the north end of the community, adjacent to the armory building. It is an active Brownfield site with the Contaminated Sites Program (File ID 600.57002). A *Property Assessment and Cleanup Plan* was completed in 2010. The site consists of a historic landfill that was closed in 1980, then it became the city's equipment shop and fire station. It currently functions as the city shop and storage and disposal area for broken equipment, vehicles, used oil, and lead acid batteries. The report states debris from mining cleanup activities were also left at this site. At the time of the inspection, two vertical fuel tanks had been removed from the southeast section of the site, leaving a heavily stained bermed area. Adjacent to this area were multiple 55-gallon drums with unknown contents and a small, green horizontal tank for used oil storage. It is approximately 790 feet from Norton Bay.



- **AVEC Tank Farm, 64.609825/-162.275044 (Active)** – This tank farm was constructed in 2002 through a Denali Commission project. It is owned and operated by AVEC. It consists of 6-27,000 gallon diesel tanks that are single-wall. They are located in a wooden, lined dike for secondary containment. The site is entirely fenced and locked. It is approximately 780 feet from Norton Bay on a large hill.

