



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 the Village of Deering, July 23rd, 2012. Bonita Barr, the Village Tribal Administrator helped coordinate our visit. The following narrative is a brief description of our findings during the July inspection.

### WEAR Sites

- **Landfill, 66.084456/-162.754956 (Active)** — The landfill is a partially fenced area fill landfill. There is currently a Landfill Operator hired occasionally to manage the landfill. There is inadequate waste separation and diversion and limited recycling/backhaul in Deering. The majority of the community's waste is brought to the landfill by self-haulers. At the time of the inspection both of the IGAP positions were vacant, but they have since been filled and the new staff are using the 2011 inspection as a starting point for making improvements at the landfill. The current landfill is located approximately 1,200 feet inland from the Kotzebue Sound in an elevated area.



- **Tank Farm, 66.080126/-162.738236 (Active)** – The main tank farm is an engineered facility built in 2005 that includes secondary containment. It is located on a raised pad and is contained within a fenced area. The tank farm is approximately 150 feet from Kotzebue Sound and 1,350 feet from Smith Creek, a tributary of the Inmachuk River. It is protected by concrete pavers installed in the beach near the Kotzebue Sound. However they do not have any erosion control measures installed to prevent erosion from Smith Creek.



- **Old Tank Farm, 66.079865/-162.737887 (Inactive)** – The old tank farm is located approximately 180 feet from Kotzebue Sound. These are decommissioned tanks that are waiting to be salvaged or backhauled. From 2003-2005 funding was provided by the Denali Commission to construct the new tank farm and decommission this tank farm. It is also protected by concrete pavers installed in the beach near the Kotzebue Sound. However they do not have any erosion control measures installed to prevent erosion from Smith Creek.



- **Old Generator Building, 66.073944/-162.713710 (Inactive)** – There is a decommissioned generator building located centrally in Deering that was reported to be contaminated with fuel, but has not been characterized according to the Tribal Administrator. The building is located approximately 140 feet from Kotzebue Sound and is located adjacent to the teacher housing, the local store, and a resident's home. The building has been boarded up and is currently not being used.



- **Vehicle Collision Site, 66.063789/-162.757371 (Abandoned)** – It was reported that during the airport project, there was a serious vehicle collision involving two large military grade trucks. The contractor was using a convoy of these trucks to haul gravel on a one-lane road. They miscounted the trucks and allowed two trucks on the road at the same time heading towards each other. The vehicles collided in a head-on accident that resulted in injuries to the drivers and destruction of the vehicles. The vehicles caught fire and expelled most of their fluids directly on the ground less than 50 feet from the Inmachuk River.



- **Diesel Fuel Spill, 66.052925/-162.785989 (Abandoned)** – It was reported that during the airport project an outside contractor spilled diesel fuel while extracting gravel. The fuel was spilled 150 feet from the Inmachuk River. The contaminated soil was consolidated into several small piles on plastic sheeting. The outside contractor is now out of business according to the Tribal Administrator.

