



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Rebecca Colvin) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Bethel on May 9th, 2013. Dave Stovner, Bethel Landfill Manager, participated in the site visit. The following narrative is a brief description of our findings during the May inspection.

WEAR Sites

- **Landfill, 60.810921/-161.762162 (Active)** – The City of Bethel manages the Bethel Class II landfill, permitted to accept municipal waste and construction and demolition debris. This unlined landfill is operated as an area fill landfill, is 19 acres in size and located 1.3 miles north of the Kuskokwim River. Operations at the site include: a collection program, heavy equipment for compacting and covering waste, and set hours when it is closed to the public. At the time of the inspection, there was a large, uncovered pile of construction and demolition debris that has been observed for multiple years' inspection reports. The Bethel landfill has a surplus of vehicles on site, but efforts in recent years to recycle and backhaul many of the vehicles have greatly reduced this stockpile.



- **Fuel Sales, 60.782646/-161.779861 (Active)** – This tank farm is located south of the community along the Kuskokwim River. It is owned and operated by Crowley Marine Services. It contains 15 fuel tanks with a total storage capacity of 14,658,000 gallons. Two of these fuel tanks are for emergency storage use only. All tanks are within lined, secondary containment and store gasoline and diesel. It is approximately 240 feet from the Kuskokwim River. Per the 2009 Baseline Erosion Assessment (BEA) by the Army Corps of Engineers, the majority of the riverbank is protected from future erosion by an 8,000 foot seawall installed in 1997. The seawall was strengthened by adding basketball sized rocks in 2007 in Phase I of an Army Corps of Engineers project.



- **Tank Farm, 60.785458/-161.781599 (Active)** – This tank farm is located south of the community, directly north of Crowley Fuel Sales. It is also owned and operated by Crowley Marine Services. It contains 5 tanks with a total storage capacity of 5,460,000 gallons of gasoline and diesel. The tank farm is within lined, secondary containment. It is approximately 740 feet from the Kuskokwim River, which has a seawall in place to prevent erosion.

