

CIAP WEAR Trip Report
Scammon Bay (population 518)
July 8, 2013



Alaska Department Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Jacob Timmons) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Scammon Bay, July 8th, 2013. The following narrative is a brief description of our findings during our July inspection.

WEAR Sites

- **Landfill, 61.833152/-165.55747 (Active)** – This unpermitted landfill was constructed around 1998 and operates as an area fill design with waste spread over 3 acres. It operates a homemade burn unit that is riddled with holes from use, not regularly emptied, and is full of partially burned waste. Waste is open burned on the ground as well and is not separated before burning. The landfill is fenced, but it is in disrepair and falling down in places. Residents self-haul waste to the landfill, which is open to the public. There is municipal waste, construction and demolition waste and some honeybucket waste in the landfill. The site is located on a hillside half a mile from the school and over a mile from the Kun River.



- **AVEC Tank Farm, 61.843163/-165.58197 (Active)** – This site is the existing AVEC tank farm, which has been in place since the 1970s. It was being upgraded during the site visit through a Denali Commission project. A new cell with secondary containment was under construction adjacent to the current tank farm. There are six 10,000 gallon tanks on site, and thirteen 10,000 gallon tanks were moved from the new tank farm location to allow for its construction. They are now sitting near the airstrip. Within a fenced area, tanks are resting on wooden pallets in cell lined with sand bags. The tank farm supplies fuel to the power plant for the community. It is located 1,200 feet from the Kun River.



- **Corporation Tank Farm, 61.843567/-165.587337 (Active)** – This tank farm is owned by the Askinuk Village Corporation and was constructed around 1998. It contains seventeen fuel tanks including two unused tanks. It is located on the east end of the community near the boat dock area. The site is fenced and contained within a lined, raised, earthen berm. The tanks lie within a known flooding area with the Kun River 710 feet away.



- **Water Treatment Plant, 61.841479/-165.583187 (Active)** – This site is the water treatment plant including four fuel tanks and a 5 foot tall stockpile of contaminated soil on a black liner. There are two green vertical tanks, one small white tank, and a smaller rusted tank. The contaminated soil is from a spill around the water treatment plant. Not much information was known on the site other than it was not a recent spill. The liner is inadequate for containing any contaminants, as water can run through the soil, off the liner, and into the ground. It is located 1,700 feet from the Kun River.



- **Old School Tanks, 61.840728/-165.582398 (Abandoned)** – This site includes three old vertical fuel tanks without secondary containment. They are no longer in use since around 2005 when the new school was constructed. They are owned by the Lower Yukon School District. Although it is up on a hillside 2,000 feet from the Kun River, this site has erosion issues from runoff. It is 82 feet from a nearby stream.



- **School Tank Farm, 61.839632/-165.568884 (Active)** – This site is the new school's tank farm which was constructed in 2005. It is owned and operated by the Lower Yukon School District (LYSD) and is located on the far east end of the community. It includes two 30,000 gallon diesel tanks and one 18,000 gallon jet fuel tank. All three tanks are double-walled. It is located high on the hillside and 3,400 feet from the Kun River.

