



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Stephen Price and David Carlson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Hooper Bay on July 7th, 2014. The following narrative is a brief description of our findings during the July inspection.

WEAR Sites

- **Crowley Tank Farm, 61.533954/-166.100955 (Active)** – This site is located just before the entrance to the landfill and sewage lagoon. It is operated by Crowley Fuel Services and is owned by the City of Dillingham. There are a total of 5 fuel tanks with diesel and gasoline with a total capacity of 406,000 gallons. These tanks have been in service since the early 2000's. The tank farm is fully fenced inside a round, steel corrugated secondary containment wall. There were no signs of leaks or stressed vegetation. There is also a community fueling station located outside the fenced tank farm area. The tanks are located 300 feet from the landfill and 1,800 feet from the nearest river.



- **Landfill, 61.53553/-166.10176 (Active)** — The landfill is located next to the sewage lagoon at the north end of town. This unpermitted, 5 acre landfill is operated as an area-fill by the City of Hooper Bay. It accepts municipal waste, honeybucket waste, and construction and demolition debris. The landfill is fully fenced, but the gates remain open for self-haul. Half of the town is not connected to water or sewer, so the landfill receives honeybucket waste. Honeybucket waste is self-hauled to the landfill and disposed of wherever is most convenient. This waste is intermingled with other wastes. Birds and dogs rummage through the landfill. The burn unit is not used because intermingled waste blocks all paths to it. Open burning occurs at the landfill, and the boardwalk within the landfill has caught on fire previously. There is currently a Landfill Operator hired for waste collection and managing the landfill; however there is no heavy equipment to manage it. There is a 1.4 acre metals pile located outside the landfill fencing. The landfill is located approximately 1,000 feet from a subsistence area and 2,200 feet from the closest river.



- **City Tank Farm, 61.533116/-166.102427 (Active)** – This site is located adjacent from Crowley Tank Farm. The tank farm was constructed in 2010 and is owned by the City of Dillingham. There are three tanks in total each with a capacity of 27,000 gallons. There is no visible secondary containment for the site. Each tank is mounted on skids which are supported on wooden blocks within a fenced area. There were no signs of leaks or stressed vegetation. The tanks are 2,000 feet from the closest river.



- **AVEC Tank Farm, 61.530657/-166.102344 (Active)** – This site is centrally located within the town. The AVEC tank farm has been in use since the 1970s. This site includes 27 vertical tanks with a total capacity of 211,644 gallons of diesel. Each tank is supported on timbers. The tank farm is fully fenced and has an earthen berm of sandbags surrounding the tanks. New sandbags had recently been added to the berm. It was reported that flooding reaches all the way to the tank farm, but has not exceeded the berm around the tanks. It is 8,400 feet from an eroding area.



- **School Tank Farm, 61.521347/-166.097495 (Active)** – This site is located at the southernmost point in town, just off of Hooper Bay. The new school and tanks were built in 2005. The tank farm is fully fenced and is owned by the Lower Yukon School District. It consists of five, 27,000 gallon tanks for a total capacity of 135,000 gallons. There is no visible secondary containment for this site. The school tanks are located 55 feet from the school and 900 feet from Hooper Bay.



- **Former School Tank Farm, 61.531217/-166.100971 (Abandoned)** – This former tank farm is located across from the AVEC tank farm in the parking lot near the store. It is the tank farm for the old school and was in operation from the 1970s-2005 when the new school and new tank farm were constructed. It originally contained 12 fuel tanks. This site currently contains two inactive fuel tanks. Each tank is approximately 8,000 gallon capacity. The tanks have no fence and are in the open. The tanks are disconnected, empty and are raised off of the ground on wooden pallets. There is no visible secondary containment; however, a small earthen berm is present. This site is 1,100 feet from Napareayak Slough.

