



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Kym Bronson and Kit Persson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Grayling on September 11th, 2013. Bernie Nicholi, IGAP Coordinator, participated in the site visit. The following narrative is a brief description of our findings during the September inspection.

WEAR Sites

- **Landfill, 62.920183/- 160.090325 (Active)** – This site is a self-haul landfill that was constructed around 2001 by the Alaska Department of Transportation. The site is approximately 2.7 acres, completely fenced, but the front gate was not locked and access appears to be unrestricted. The landfill is neat and orderly. A trench at the north end of the landfill contained general household waste, while non-burnable waste was piled on the opposite side of the landfill. Lead acid batteries are stored in an open fish tote near the entrance, next to plastic 5 gallon buckets of used oil. This site is high on a hill outside the flood plain and is over 5,000 feet from the Yukon River.



- **City Former Tank Farm, 62.906509/-160.065212 (Active)** – This former tank farm is an active Contaminated Site (File ID 2416.38.004) due to petroleum contamination. The total capacity of this site was 15,090 gallons. The tanks farm contained an unlined, earthen berm. All tanks were moved from this site around 1998 to the consolidated tank farm located 150 feet northeast. Site is located almost 600 feet from the Yukon River.



- **Consolidated Tank Farm, 62.906883/-160.064442 (Active)** – This site consists of two tank farms side-by-side. The tanks supply fuel for AVEC, City of Graying, Iditarod School District, and ANCSA Village Corporation. The northern tank farm contains 8 grey, vertical tanks owned by AVEC, and the southern tank farm contains 14 white, vertical tanks operated by the Grayling Fuel Co. Both were constructed around 1998 with new and refurbished tanks. There is a total of 22 tanks with a maximum capacity of 175,300 gallons of diesel and gasoline. The tank farm was raised about 10 feet on an earthen berm with a liner system for secondary containment. Vegetation was growing on the secondary containment. It is located approximately 390 feet west of the Yukon River, on the other side of a hill.



- **Iditarod School Former Tank Farm, 62.905388/-160.063198 (Active)** – This site is the location of the Iditarod Area School District former tank farm and is an active Contaminated Site (File ID 2416.38.001) due to petroleum contamination. Four of the original six tanks were moved to the consolidated tank farm in 1998. An 880-gallon red horizontal tank and a 10,000-gallon rail car tank remain, but were reported not to be in use in 2011. There were about 6 abandoned 55 gallon drums, contents unknown, at the site, and evidence of a wooden containment structure. It is located 120 feet west of the Yukon River.



- **Native Corporation Tank Farm, 62.905016/-160.062822 (Active)** – This former tank farm is an active Contaminated Site (File ID 2416.38.002). The total capacity of the tank farm was 21,452 gallons and it was owned by Hee-Yah-Lingde Native Corporation. All tanks were removed as of this site visit with no evidence found of a tank farm. There is a pile of soil at the site, but residents were not sure if the soil was contaminated or leftover from previous construction of new houses. It is located approximately 130 feet from the Yukon River.



- **Native Store Tank Farm, 62.905015/-160.065396 (Active)** – This former tank farm and underground tank site is an active Contaminated Site (File ID 2416.38.003). It is located approximately 60 feet east of the native store. The total capacity of the tank farm was 35,329 gallons. It consisted of seven tanks; five above ground and two underground tanks with no dike or liner. During the site visit we found piping in the ground, which may have led to an underground tank. A large tribal building was under construction 30 feet east of this site. It is located approximately 540 feet west of the Yukon River.



- **Runway Landfill, 62.892015/-160.070233 (Closed)** – This historic landfill was closed by Alaska Department of Transportation in conjunction with runway improvements around 2001. It appears to have been closed properly. There is no evidence of the waste underneath, nor any settling. The area is well vegetated and small trees are now growing. The landfill occupied approximately 1 acre. It is on a bluff, about 1,000 feet from the Yukon River.

