



Alaska Department Environmental Conservation (ADEC) Solid Waste Program (Elizabeth Stergiou and Jacob Timmons) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Atka, July 10th, 2012. The following narrative is a brief description of our findings during our July inspection.

WEAR Sites

- **Airport Barrel Dump, 52.215348/-174.209082 (Abandoned)** – This site is 800 feet east of Korovin Lake and near the airstrip. The nearest source of erosion is a creek 190 feet to the east. The site includes 17 barrels. Stressed vegetation was found at the site around some of the barrels. The site is generally flat and the soil was sandy with high organic content.



- **Beach Dune Vehicle Boneyard, 52.221357/-174.200484 (Active)** – This site is located 1,300 feet east of the airport between the road to the landfill and the ocean. The nearest source of erosion is the Pacific Ocean 100 feet away. The site includes more than 40 vehicles, some with fuel still inside. The dunes behind the site are actively eroding. The soil around the site is fine sand colonized by beach grass.



- **Bonfire C&D, 52.223755/-174.19791 (Active)** –This site is located 2,000 feet east of the airport off of the road going to the landfill. The nearest source of erosion is the Pacific Ocean 20 feet away. The site includes mostly construction and demolition (C&D) waste but also includes some household waste, batteries, electronics, motor oil, and a pesticide sprayer. Residents use wood from this site to make bonfires on the beach. The site is on a bluff overlooking the ocean between two rocky outcroppings. The soil around the site is fine sand.



- **Creosote Pilings near Crab Pot Storage, 52.235545/-174.177803 (Abandoned)** – This site is located near the crab pot storage area 1,700 feet northwest of the dock. The site is 240 feet away from the Pacific Ocean, which is the nearest source of erosion. The site consists of creosote pilings. There were dead and stressed vegetation found around the pilings. A thick creosote odor was observed in the vicinity.



- **Dock Creosote Pilings, 52.232573/-174.170799 (Abandoned)** –This site is located 140 feet southeast of the dock. It is 40 feet north of actively eroding coastline. This site consists of creosote pilings. Dead and stressed vegetation were found near the pilings. A thick creosote odor was observed around the pilings.



- **Dock Lake Barrels and Compressed Gas Tanks, 52.230727/-174.201166 (Inactive)** –This site is located 450 feet west of Dock Lake. It is 1,970 feet from the Pacific Ocean, the nearest source of erosion. This site contains approximately 150 barrels and 8 compressed gas tanks. Most of the tanks are on top of a concrete pad. The soil around the site is sandy with high organic content. Stressed and dead vegetation was found in the area. Stained soil and blackened plants were observed where petroleum products had run off of the pad. Approximately ninety percent of the pad was stained by petroleum. A strong, distinct petroleum odor was observed around the site.



- **Fenceline Vehicle Boneyard, 52.225733/-174.196623 (Active)** –This site is located 1,000 feet south of the landfill. It is 90 feet from the Pacific Ocean, the nearest source of erosion. This site contains approximately 16 vehicles, 6 Conex refrigerator units, 3 day tanks, barrels, metal siding, and miscellaneous metal and plastic waste. Some stressed vegetation was found around this site.



- **Korovin Lake Barrel Dump, 52.234716/ -174.205161 (Inactive)** –This site is located 800 feet east of Korovin Lake. It is 3,500 feet from the Pacific Ocean, the nearest source of erosion. This site contains approximately 140 barrels on a concrete pad. The pad was completely saturated with petroleum. A strong, distinct petroleum odor was observed around the site. Dead and stressed vegetation were found where petroleum products had run off of the pad.



- **Landfill, 52.22862/-174.194808 (Active)** –This unpermitted site is located north of the airport, about 500 feet southwest of Dock Lake. It is 190 feet from the Pacific Ocean, the nearest source of erosion. Unauthorized dumping and open burning without separation was observed. Additionally, improper storage of hazardous waste such as paint and batteries was found.



- **Old Tanks North of Gravel Pit, 52.206696/ -174.200838 (Abandoned)** –This site is located 600 feet southeast of current city tank farm. It is 70 feet from the Pacific Ocean, the nearest source of erosion. This site contains 6 upright tanks, 4 horizontal tanks, 2 day tanks, a truck tank, and more than ten barrels. All were reported as being empty of fuels. Most of the barrels were partially buried. The sea and a small, nearby stream both pose as erosion risks. Small patches of dead vegetation were found in the area.



- **Old Town Power Plant, 52.199102-174.198137 (Abandoned)** –This site is located in the middle of the old town, about 300 feet northeast of the church. It is 60 feet from a creek, the nearest source of erosion, and 250 feet from the Pacific Ocean. This site contains 6 upright tanks and one day tank. Sheen was observed in a small pool of standing water between the upright tanks and the day tank. Sheen was also found in small amounts of water around the tanks. Dead and stressed vegetation were seen around the sheen pool and some of the tanks. Moss had grown in between the upright tanks, but was saturated with petroleum.



- **South Old Fuel Tanks, 52.197315/-174.198507 (Inactive)** –This site is located less than 300 feet south of the old town. It is 20 feet from the Pacific Ocean, the nearest source of erosion. This site contains 5 upright, empty tanks that were moved here from an unknown location. Riprap has been set up to protect against erosion. Some soil had a petroleum odor. Vegetation near this soil was stressed or dead.

