

CIAP WEAR Trip Report  
Nondalton (population 165)  
July 25, 2013



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Kit Persson and Jamie Gorman) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Nondalton on July 25<sup>th</sup>, 2013. The following narrative is a brief description of our findings during the July inspection.

**WEAR Sites**

- **Landfill, 59.960552/-154.873897 (Active)** – This site is a former gravel pit that Nondalton began using as a landfill in 2005, after closing the Old Dump Road Landfill. The Class III Landfill is permitted and uses a Summit burn unit to incinerate most waste. The burn unit is located within a fully-fenced and signed enclosure near the landfill’s entrance. The rest of the trench-and-fill landfill is unfenced, however, and has a four-wheeler road running through the site. Fish totes are used throughout the community for trash storage and collection and there are dumpsters located at the landfill for residents to dispose their waste. Fee-supported trash collection occurs once a week with the use of a hook truck. The landfill operator is RALO trained and compacts the landfill waste once a month. In the unfenced portion of the roughly 8.6 acre site, non-burnable waste is stored. There are separate piles for scrap metals, white goods, and C&D waste. The Nondalton Landfill is 1,550 feet from Sixmile Lake.



- **Old Dump Road Landfill, 59.983774/-154.853019 (Retired)** – This former landfill is located near the end of an access road, a half mile northwest of the airport. The site was in use from 1983-2005, when it was covered and closed. At the time of inspection, vegetative regrowth was seen around the perimeter of the site while the ground surface in the center remained mostly bare and gravelly. This lack of regrowth can most likely be attributed to the fact that community members drive vehicles up to the site for either parking or turn-around purposes. The site is 3 acres in size and is 3,970 feet from Sixmile Lake.



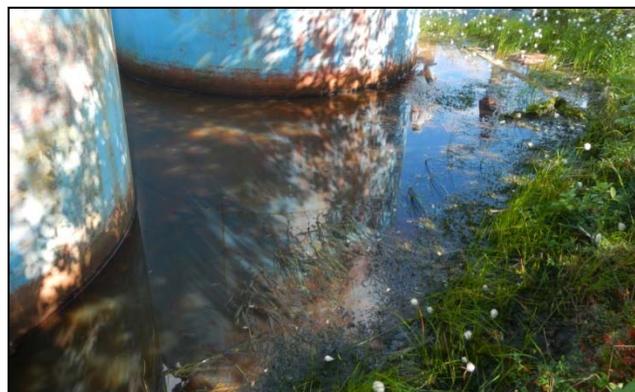
- **School Fuel Tanks, 59.966829/-154.857450 (Active)** – The Nondalton School Fuel Tanks are located adjacent to the school, on the southwestern end of town. The Nondalton School - Lake and Peninsula Borough School District owned tank farm has a total capacity of 15,400 gallons. There are three horizontal heating fuel tanks contained within a stacked heavy timber containment dike with fencing and a locking gate. The tanks have been in use from the 1990s until present and are 450 feet away from Sixmile Lake.



- **Drum Cache, 59.970533/-154.851000 (Abandoned)** – This site is associated with the construction of generators and a new tank for the water plant. The site is about 0.02 acres in size and is located in the middle of town. It consists of a slightly depressed region, covered in black textiles with heavy staining on top of the textile. Vegetation surrounding the perimeter of the site was noted as distressed during the inspection. Several 55-gallon drums were strewn about the site with contents unknown. The site is believed to have originated around 2005 and is 250 feet from Sixmile Lake.



- **School Former Fuel Tanks, 59.973874/-154.847746 (Abandoned)** – These four 8,000 gallon vertical tanks are located west of Main Street on the northern end of town. The tanks were abandoned when the Bureau of Indian Affairs (BIA) school that they served burned down over 20 years ago. The site is unfenced but the tanks sit on a lined, earthen berm dike. During the time of inspection, water was witnessed pooling within the containment. The tanks are empty and located 380 feet from Sixmile Lake.



- **Newhalen Lodge Fuel Tanks, 59.974326/-154.842055 (Active)** – While this lodge is named The Newhalen Lodge, it is located on the northernmost side of the town of Nondalton. This is a privately owned site on the edge of Sixmile Lake. The tanks were reported to have been in use for the past 15 years. There are 11 tanks contained within a fenced and locking enclosure with lined secondary containment. The tank farm’s total capacity is 10,000 gallons and holds both AVGAS and heating fuel. The 0.01 acre site is 50 feet from the lake, which is known to flood on occasion.



- **Airport Tanks, 59.978880/-154.836069 (Abandoned)** – These empty tanks are located at the airport. There are 10 tanks in total with the labeling “Out of Service, Do Not Fill, 10-1-02” and a total capacity of 80,500 gallons. The tanks were constructed by the City of Nondalton sometime in the early 1990s with the intent that they become storage for heating fuel and gasoline to be sold to local residences and businesses. However, the project was never completed. The site is unfenced and eight of the vertical tanks rest on a geotextile liner; two of the tanks are located outside of the containment. Roughly two inches of water were seen pooling within the containment at the time of inspection. Stacked alongside one of the tanks were several 55-gallon drums and miscellaneous buckets with contents unknown. The site is 0.15 acres in size and is located 1,230 feet from Sixmile Lake.

