

CIAP WEAR Trip Report
Mountain Village (population 830)
September 19, 2012



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program and Contaminated Sites Program (Doug Huntman and Grant Lidren) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Mountain Village on September 19th, 2012. Anita Andrews, City Manager for Mountain Village, participated on the site visits. The following narrative is a brief description of our findings during the September inspection.

WEAR Sites

- **Landfill, 62.088182/-163.756986 (Active)** – The landfill is not well-managed and is overflowing from the site. Waste management practices include open burning, inadequate cover material and consolidation of waste, open dumping, and the mixing of prohibited and municipal waste. This is an area-fill landfill set atop a silty soil common to the area. The site is roughly 6.5 acres in size, and is located fairly high up on a hill. The City of Mountain Village operates the landfill which is 650 feet from the Yukon River.



- **AKARNG Mountain Village FSA, 62.085628/-163.729764 (Active)** – This Alaska Army National Guard site is an active Contaminated Site (File ID 2430.38.001). There was a heating oil spill from the building's tanks around 1998. Approximately 15 cubic yards of contaminated soil were removed from the site in 2002 and treated in Washington. Contamination remains at the site and work is ongoing. It is located approximately 480 feet from the Yukon River.



- **Elementary School Tank Farm, 62.089347/-163.728012 (Active)** – This former tank farm is part of a known active Contaminated Site (File ID 2430.38.002). Historic heating oil spills were discovered in 1993 near the elementary school. This former tank farm was impacted by the site and consisted of at least four fuel tanks located about 35 feet from the school. In 2011 the tanks were removed and capped with three feet of clean fill on top of a liner. A wooden platform for a basketball court was under construction during the 2012 site visit. It is being constructed so the goal posts are set outside the tank farm perimeter and do not penetrate the surface of the contaminated site or the liner. It is located approximately 1,800 feet from the Yukon River.



- **New School Tank Farm, 62.089523/-163.727602 (Active)** – This new tank farm consists of eight horizontal fuel tanks in a fenced area. It is located north of the old school tank farm and approximately 1,900 feet from the Yukon River.



- **Old Village Store, 62.085278/-163.722222 (Closed)** – This site was the location of the Azachorak Village Store. It was assessed as a Brownfield site under the Contaminated Sites Program (File ID 2430.57.001). The store was demolished and buried onsite in an ADEC approved monofill during November 2011. The site is located around 140 feet from the banks of the Yukon River.



- **Waste Oil Storage, 62.088198/-163.728651 (Active)** – This site contains many 55-gallon drums of used oil and other unidentified chemical substances. Some drums were intact, while others were open and/or leaking. They are in an earthen, lined secondary containment. However it was full of water and oily residue during the inspection. The water level in the containment area was about at the maximum level. It appeared the polluted water had overrun the containment in the past as evidenced by oily residue and impacted vegetation. This site receives regular foot traffic from residents including children using this as a shortcut to the school. It is located approximately 1,400 feet from the Yukon River.



- **LYSD Tanks, 62.084643/-163.730894 (Abandoned)** – This site is owned by the Lower Yukon School District. It has been abandoned since the 1980's. The site appears to contain one horizontal and seven vertical tanks in a fenced area. The tanks were disconnected from piping and tilting on their wooden platforms. The tanks are 85 feet from the banks of the Yukon River which are actively eroding. Some brush has been staged along the river banks as a form of erosion control.



- **AVEC Tank Farm, 62.0857/-163.729261 (Active)** – This tank farm is operated by AVEC for the village. There is a power plant and 27 fuel tanks in a fenced area. This half acre site is located approximately 400 feet from the Yukon River.

