

CIAP WEAR Trip Report
Stony River (population 40)
September 16, 2014



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Sarah Durand) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Stony River, September 16th, 2014. The following narrative is a brief description of our findings during our September inspection.

WEAR Sites

- **MKEC Tank Farm, 61.78925/-156.58588 (Active)** — The tank farm was constructed in 2006 through a Denali Commission project. The site is owned and operated by the Middle Kuskokwim Electric Cooperative Inc. and consists of 2 double-walled diesel tanks: a 6,000 gallon tank and a 15,000 gallon tank. The tanks are elevated on metal pilings in an unlined, fenced area adjacent to the power plant to which they supply fuel. The former MKEC tank farm is less than 50 feet from this location and the two approximately 6,000 gallon diesel tanks remain onsite. This site is located approximately 530 feet from the Kuskokwim River.



- **Landfill, 61.791288/-156.585592 (Active)** – The landfill is an unpermitted facility owned and operated by the Village of Stony River. It operates as an area fill landfill with no fence. It is accessed by a maintained dirt road. The landfill does not burn waste as it is within 200 feet of residential homes. The landfill is actively maintained by heavy equipment operators from the village. As the community is relatively small, the landfill only accepts municipal waste and does not accept septage/honeybucket waste, construction and demolition debris or vehicles. There is no community water system in Stony River. Most homes have their own well and septic system. The landfill is located approximately 300 feet from the Kuskokwim River, and according to local residents the landfill floods almost every year.



- **Village Tank Farm, 61.78918/-156.58743 (Abandoned)** – This site includes 3 vertical fuel tanks approximately 6,000 gallons each: one diesel and two gasoline. They are owned by the Village of Stony River. The tanks are in an earthen berm with unknown secondary containment. They are no longer in use since 2006, and there is no plan for removal or reuse of them. The area surrounding the tanks has become overgrown with small trees and plants. The tanks are located approximately 770 feet from the Kuskokwim River.



- **Stony River School Tank 61.78618/-156.58852 (Active)** – This site contains a single 20,000 gallon, double-walled diesel tank owned and operated by the Kuspuk School District. The tank was constructed in 2006 and is elevated on metal pilings and fenced around the perimeter. The previous school tanks are adjacent to the new tank and are no longer in use. The small building near the new tank held a day tank that was used to transfer fuel. It was removed 6-7 years ago according to local residents, but it was overfilled repeatedly and fuel was spilled on the ground. Homes across the street have not been drinking their well water due to a diesel fuel smell in the water. This site was reported to ADEC Prevention and Emergency Response Program (PERP) for investigation. This site is located approximately 575 feet from the Kuskokwim River.

