



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Jacob Timmons) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Platinum on July 10th, 2014. The following narrative is a brief description of our findings during the July inspection.

WEAR Sites

- **Landfill, 58.988681/-161.797836 (Active)** – This half-acre, unpermitted landfill is located 1.5 miles southeast of town. It has been in operation since around 1992 and is managed on an “as needed” basis by the City of Platinum. The site is mostly fenced, but it is accessible to the public as there is no gate. There is no collection program and residents self-haul waste. The most serious issues identified include: waste spread throughout the site, open burning, and no sorting of wastes at the landfill. Additionally, the site is located close to an eroding water body, Kuskokwim Bay, only 80 feet away. This site is also effected by storm surges.



- **North Point Tanks, 59.049605/-161.822302 (Abandoned)** – This site, located at Platinum’s northern point, consists of three rusted, vertical tanks on wooden timbers that sit on top of a buried liner. The tanks have been abandoned, are no longer in use and are reportedly owned by Arviq Inc. Use at this site reportedly began around in 1984 and ended sometime after 2001. One tank has been moved off the timbers and has collapsed on itself. The nearest source of erosion, Kuskokwim Bay, is 50 feet away.



- **Arviq Inc. Tank Farm, 59.013573/-161.820229 (Active)** – This site is centrally located in town, near the Arviq Store. It is used for fuel storage and is the fueling station for Platinum community members. This site has been in use since 1987 and currently consists of two 10,000 gallon tanks (one gas, one stove oil), seven liquid gas tanks, and one 4,000 gallon propane tank without secondary containment. There is no liner or secondary containment visible. It is 240 feet from Smalls Slough.



- **CVRF Tank Farm, 59.047643/-161.819916 (Active)** – This site is a Coastal Villages Region Fund (CVRF) tank farm containing eight 20,000 gallon tanks within secondary containment and one 4,000 gallon diesel tank. The tank farm was constructed in 2009. The tanks are within a secondary containment area housed in a fenced, corrugated steel wall. This site can be found in the industrial area about 2.5 miles north of the community. The nearest source of erosion, Goodnews Bay, is 240 feet away.



- **Hanson Intermediate Tanks, 59.046225/-161.818637 (Active)** – This site includes two approximately 30,000 gallon diesel tanks used for temporary fuel storage. The tanks are not connected to any piping. It is located in an industrial area about 2.5 miles north of the community of Platinum. This site began use in 2004 and is owned by Hanson Industries. Goodnews Bay, the nearest source of erosion, lies 100 feet away.



- **Knik Fuel Tanks, 59.047853/-161.819356 (Active)** – This site, owned by Knik Construction Company Incorporated, is located in the industrial area about 2.5 miles north of the community of Platinum. It consists of two rectangular cuboid tanks, approximately 20,000 gallons each, within a yellow liner for secondary containment. This tank farm has been in use since 2009. The nearest source of erosion, Goodnews Bay, is 160 feet away.



- **School Tank Farm, 59.011574/-161.81716 (Active)** – This site is located adjacent to the school in the middle of town and is owned by the Lower Kuskokwim School District. The site includes three tanks with an approximate total capacity of 30,000 gallons. The two vertical tanks are supported on timbers. One vertical and one horizontal tank sit on individual liners within separate earthen berms, but the second vertical tank has no liner or earthen berm. The school's tank farm has been in use since the 1980s. All three tanks were connected, in use and contained within a locked, fenced area. Smalls Slough, the nearest source of erosion, is 240 feet away.



- **Boneyard, 58.987247/-161.777947 (Active)** – This 1 acre site is located 2.5 miles south of town, approximately 1 mile past the landfill via road. The scrapyards include lead acid batteries, propane tanks, 55 gallon drums with unknown contents, vehicles, generators, used oil filters, and mixed metals. Reportedly, this area has been in use as a scrapyards since 2004. The nearest source of erosion, Kuskokwim Bay, lies 3,600 feet away.



- **Tribe Tank, 59.012061/-161.818996 (Active)** – This site consists of a single, white 10,000 gallon, double-walled tank that is owned by Platinum Traditional Village. It can be found near the middle of town, about 250 feet west of the school. It has been in this location since around 2002. Smalls Slough, the nearest source of erosion, is 390 feet away.



- **Utilities Tank Farm, 59.012384/-161.818812 (Active)** – This site, constructed in 2012, includes two tanks with a total capacity of 44,000 gallons. It is owned by Platinum Commercial Company LLC. The tanks supply fuel that powers the utilities. The site is surrounded by a gravel berm with a yellow liner. The tanks are supported by timbers resting on the liner. The nearest source of erosion, Smalls Slough, lies 360 feet away.

