

**Native Village of Port Heiden
Public Record Update
Sites where response actions were conducted in FY 2022 or are planned in FY 2023
November 14, 2023**

| Site Name and Identification | Latitude | Longitude | Acreage | Owner at Time of Cleanup | Type | Site Status and Information | Site Suitable for Reuse? |
|--|-----------|-------------|---------|--------------------------|-----------|---|--|
| Fort Morrow FUDS | 56.94545 | -158.622635 | 350 | US Govt | Military | Active WWII Army Air Corps Base construction included cantonment buildings, hospital, docking facilities. Contaminants have included asbestos, PCBs, diesel, asphalt, transformers. Cleanup performed by USACE 1990-1992. PCB-contaminated soil excavated, military buildings and debris landfilled, drums emptied and landfilled. FUDS cleanup work was not completed due to cost overruns. In July - September 2019, USACE contractor conducted field work based on draft work plan which was not approved by ADEC. The issue was remedied. CERCLA RI Report approved in July 2020. In 2021, FUDS conducted a Phase III Remedial Investigation report delineating and characterizing contamination in soil and groundwater. A 2022 landfill inspection found that some of the vegetation and signage was in poor condition. | No (Additional work required) |
| ADOT & PF Port Heiden Airport, Block 1A, Lot 100 | 56.958523 | -158.637275 | 0.52 | ADOT & PF | Petroleum | Active - ADEC Built during WWII. Original facility (a repair facility and hangar for fighter and bomber aircraft) was removed in 1970s and replaced by mail storage and maintenance garage built by Reeve Aleutian Airways. This structure and fuel storage tanks were removed in 2007. Petroleum contamination from UST and AST has been detected in soils and shallow groundwater aquifer. Located near berry picking areas and caribou feeding habitat. Soil borings were collected in July 2021 and contained diesel exceeding ADEC cleanup levels. In 2022, approximately 130 cubic yards of contaminated soil were excavated and landfarmed. Post-excavation samples were below cleanup levels. Groundwater monitoring will be conducted to determine whether the cleanup is complete. | No (Additional monitoring required) |
| Radio Relay Station (RRS) LF007 Landfill (aka North Landfill) | 56.98005 | -158.656562 | 2 | US Govt Air Force | Landfill | Active - ADEC PCB, PAH, dieldrin detected in soil above DEC cleanup levels. Delineations of surface and subsurface soil contamination are incomplete. More data needed. Contaminants include PCBs and petroleum. In 2022, PCB-contaminated soil was excavated from LF007 and disposed of offsite in a landfill in Oregon. Further remediation will be required to address remaining PCB-contaminated soil at LF007. | No (Additional work required) |
| RRS WP002 Black Lagoon POL Waste Disposal Pit No. 1 (AOC01) | 56.976736 | -158.658185 | 0.027 | US Govt Air Force | Military | Active Waste pond: petroleum, wastewater, and other liquid wastes discharged from composite building (garage) to bermed pond. Petroleum contaminated soil. Possible solvent contaminated soil. Excavation of contaminated soil in 2010, 2011, and 2013. PCE-contaminated soil excavated in 2014 and placed in a bioremediation treatment stockpile. In 2021, FUDS inspected the site and collected groundwater samples. Concentrations of manganese, TPH, and TCE exceeded human health cleanup levels. The inspection also determined that repair and replacement of some of the groundwater wells was necessary, and that signage is needed to alert users of site hazards. A groundwater remedy study was completed in January 2023 and concluded that current TCE trends in groundwater will not result in achieving the cleanup goals by 2035, and that DRO is increasing in one well and is expected to exceed cleanup levels. Therefore the report concludes an | No (Additional work required) |

**Native Village of Port Heiden
Public Record Update
Sites where response actions were conducted in FY 2022 or are planned in FY 2023
November 14, 2023**

| Site Name and Identification | Latitude | Longitude | Acreage | Owner at Time of Cleanup | Type | Site Status and Information | Site Suitable for Reuse? |
|---|-----------|-------------|----------------|--------------------------|----------------------|---|----------------------------------|
| | | | | | | <i>alternative approach is needed to actively remediate groundwater, rather than passive monitoring. A remediation work plan will be developed.</i> | |
| RRS Focus Area | 56.976653 | -158.65457 | 0.010 | US Govt Air Force | Military | Active - ADEC Area of stressed vegetation. Soil impacted with PCBs, DRO and RRO likely due to surface spills. Soils removed in April of 2016. Site added to database on 11/14/2019. See description of removal at OT001 adjacent to this site. | No (Additional work required) |
| RRS SS006 POL Pipeline | 56.924395 | -158.662166 | Approx 5 Miles | Reeve Aleutian Airways | Military / Petroleum | Active Fuel pipeline originally ran from POL tanks to the airport and then to the composite building. Fuel releases are associated with the pipeline. Section between former composite building and airport was dismantled. FUDS inspected the site and collected groundwater samples in 2021 (with a report completed in late 2022). Four of the wells require repair. TPH exceeded human health cleanup levels. | No (Additional work required) |
| RRS OT001 Composite Facility Includes RRS Contaminated Soil Removal Areas and RRS Antenna Pads | 56.976903 | -158.655556 | 3.700 | US Govt Air Force | Military | Active Composite building, drum storage area, four former White Alice Arrays, suspected debris burial site, four former USTs. Garage floor drain transported waste from this site to WP002 (Black Lagoon Outfall). Contaminants include PCBs, pesticides, and petroleum. Drums of PCBs and petroleum-contaminated soil were excavated from several areas near the RRS in the 1980s-1990s (north and east of composite bldg, west of Antenna No. 3, between Antenna Nos. 1 and 2). During the 2020 field season, several tons of PCB-contaminated soil were excavated and transported to an Oregon disposal facility. Groundwater is contaminated with Trichloroethene (TCE). PCB, dieldrin, heptachlor epoxide, and TCE were detected in the soil above cleanup levels. In 2021, FUDS inspected the site and collected groundwater samples. Concentrations of manganese, TPH, and TCE exceeded human health cleanup levels. The inspection also determined that repair and replacement of some of the groundwater wells was necessary. In 2022, approximately 2,800 tons of PCB-contaminated soil were excavated from OT001. Remaining concentrations are below the cleanup level of 1 mg/kg. ADEC approved no further action at the site (though they initially disapproved it, this was based on a misunderstanding of the confirmation sampling data). PCB removal is complete at this site, but further remediation will be required to address other contaminants. A groundwater remedy study was completed in January 2023 and concluded that current TCE trends in groundwater will not result in achieving the cleanup goals by 2035, and that DRO is increasing in one well and is expected to exceed cleanup levels. Therefore the report concludes an alternative approach is needed to actively remediate groundwater, rather than passive monitoring. A work plan for remediation will be developed. | No (Additional work required) |

**Native Village of Port Heiden
Public Record Update
Sites where response actions were conducted in FY 2022 or are planned in FY 2023
November 14, 2023**

| Site Name and Identification | Latitude | Longitude | Acreage | Owner at Time of Cleanup | Type | Site Status and Information | Site Suitable for Reuse? |
|--|----------|------------|---------|--------------------------|----------|--|----------------------------------|
| Port Heiden Former Military Landfill (near New Meshik Mall/Home) | 56.93446 | -158.64267 | 1.5 | City of Port Heiden | Landfill | Through interviews with elders, it has been established that landfill was used by the U.S. Army (1953) and included old vehicles, batteries, scrap metal, 55-gallon drums, and household trash. There are five (5) drinking water wells near the perimeter. Groundwater monitoring wells were installed in 2004 using Tribal Association Solid Waste & Emergency Response (TASWER) funding. Benzene, toluene, 1,3,5-Trimethylbenzene, tert-butylbenzene, 1,2,4-Trimethylbenzene, 4-isopropyltoluene, pentachlorophenol, and naphthalene have been detected in groundwater. Reconnaissance at this site was conducted under TRP FY 2022 to develop a workplan for characterization of this site to be conducted in TRP FY 2023. | No (Additional work required) |

Abbreviations and Acronyms

- ADEC - Alaska Department of Environmental Conservation
- ADOT & PF - Alaska Department of Transportation and Public Facilities
- FUDS - Formerly Used Defense Sites
- NVPH - Native Village of Port Heiden
- PAH – Polycyclic aromatic hydrocarbon
- PCB - Polychlorinated Biphenyls
- POL - Petroleum, Oil, Lubricants
- RRS - Radio Relay Station
- TCE – Trichloroethylene (aka trichloroethene)
- TPH – Total Petroleum Hydrocarbons
- TRP – Tribal Response Program