



THE STATE  
of **ALASKA**  
GOVERNOR SEAN PARNELL

Department of  
Environmental Conservation

DIVISION OF SPILL PREVENTION & RESPONSE  
Contaminated Sites Program

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File No: 630.38.001

March 5, 2013

Pat Roth  
611 CES/CEVR  
10471 20<sup>th</sup> Street, Suite 302  
JBER, Alaska 99506-2200

Re: Cleanup Complete Determination for the North River Radio Relay Station (RRS)  
Area B Site SS004, Unalakleet, Alaska

Dear Mr. Roth;

The Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program has completed a review of the environmental records associated with the Area B Site SS004 (the site) located at the North River RRS. Based on the information provided to date, ADEC has determined that the contaminant concentrations remaining on site do not pose an unacceptable risk to human health or the environment, and this site will be closed.

This decision is based on the administrative record for the Site, which is located in the offices of ADEC in Anchorage, Alaska. This letter summarizes the decision process used to determine the environmental status of the Site and provides a summary of the regulatory issues considered in the Cleanup Complete Determination.

**Introduction**

Site Name and Location

North River Radio Relay Station Area B SS004  
Unalakleet, Alaska 99684

Name and Mailing Address of Contact Party

Path Roth  
United States Air Force  
611 CES/CEVR  
10471 20<sup>th</sup> Street, Suite 302  
JBER, Alaska 99506-2200

Database Record Key and File Number

ADEC RecKey: 200232X115201

File: 630.38.001

Hazard ID: 4366

Regulatory authority under which the site is being cleaned up

18 Alaska Administrative Code (AAC) 75

**Background**

The site is adjacent to a permitted and closed construction/demolition (C/D) landfill and was discovered in 2002 when two full and two leaking drums were found on the hillside. Samples were collected and analyzed for diesel-range organics (DRO), benzene, toluene, ethylbenzene, and xylenes (BTEX) and polychlorinated biphenyls (PCB). Contaminants of potential concern identified were DRO and PCBs. The initial estimate of impacted soil was 2,500 cubic yards. Additional sampling was conducted in 2007 and it was observed that excavation activities had taken place since the 2002 sampling event. The 2007 sample results identified the remaining contaminants of concern to be DRO and residual-range organics (RRO).

Groundwater was not encountered at the site and it is not believed that groundwater is present as the site is underlain by shallow bedrock and is on a slope. Therefore, the most stringent and applicable Method 2 cleanup levels are for the ingestion and direct contact pathways.

**Characterization Activities**

In 2011, seven cubic yards of soil were removed from Area B and placed in an unlined landfarm adjacent to the site over the closed C/D landfill. Confirmation samples were collected from the excavation and results were below site specific cleanup levels for DRO (non-detect to 2,760 mg/kg) and RRO (10.8 mg/kg to 1,640 mg/kg). Multi-increment samples were collected from the landfarm in 2012. Analytical results showed DRO was still present above cleanup levels at 11,000 mg/kg. The landfarm was tilled again and samples were collected. Results for both DRO and RRO were below cleanup levels, with detections of DRO up to 5,810 mg/kg.

**Contaminants of Concern**

During initial investigations at this site, soil samples were analyzed for DRO, PCBs and BTEX. A second investigation was conducted in 2007. Based on these analyses and knowledge of the source area, the following COCs were identified:

- Diesel Range Organics
- Residual Rand Organics

**Cleanup Levels**

The default soil cleanup levels for this site are established in 18 AAC 75.341, Method Two, Table B2, Ingestion:

<u>Contaminant</u>	<u>Site Cleanup Level (mg/kg)</u>
DRO	10,250
RRO	10,000

### **ADEC Decision**

The cleanup actions to date have served to excavate and treat contaminated soil from the site. Based on the information available, ADEC has determined no further assessment or cleanup action is required. There is no longer a risk to human health or the environment, and this site will be designated as "Cleanup Complete" on the ADEC database.

Although a Cleanup Complete Determination has been granted, ADEC approval is required for transport of soil offsite according to 18 AAC 75.325(i). ADEC has approved the use of the landfarmed soil to construct a new landfarm on the C/D landfill. It should be noted that movement or use of potentially contaminated soil in a manner that results in a violation of 18 AAC 70 water quality standards is unlawful.


This determination is in accordance with 18 AAC 78.380(d) and does not preclude ADEC from requiring additional assessment and/or cleanup action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

### **Appeal**

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.19 – 18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. Informal review requests must be delivered to the Division Director, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 15 days after receiving the department's decision reviewable under this section. Adjudicatory hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 30 days after the date of issuance of this letter, or within 30 days after the Department issues a final decision under 18 AAC 15.185. If a hearing is not requested within 30 days, the right to appeal is waived.

If you have any questions about this closure decision, please contact the ADEC project manager, Meghan Dooley, at (907) 269-3056 or [Meghan.dooley@alaska.gov](mailto:Meghan.dooley@alaska.gov).

Sincerely,



John Halverson  
Environmental Program Manager

Cc: Larry Beck, BLM