



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: 2100.38.541

October 11, 2013

Andrew Mamrol
Alaska Air National Guard (ANG), 176th Wing
7252 Gibson Avenue
JBER, AK 99506

Re: Decision Document: ANG Kulis Fire Rescue Station Access Road,
Cleanup Complete Determination

Dear Mr. Mamrol

The Alaska Department of Environmental Conservation (ADEC) has reviewed the environmental records for the former Air National Guard (ANG) Kulis Fire Rescue Station Access Road. This decision letter memorializes the site history, cleanup actions, and standard conditions for long-term site management. No further remedial action is required.

Site Name and Location:

ANG Kulis Fire Rescue Station Access Road
Perimeter Road; Anchorage International Airport
Anchorage AK 99502

DEC Site Identifiers:

File No: 2100.38.541
Hazard ID: 26064

Name and Mailing Address of Contact Party:

Alaska Air National Guard (ANG), 176th Wing
7252 Gibson Avenue
JBER, AK 99506

Regulatory Authority for Determination:

18 AAC 75

Site Description and Background

During construction of a new access road north of the former Air National Guard Kulis Fire Rescue Station in November 2012, drums, debris, and petroleum-contaminated soil were found. After initial cleanup actions DRO and RRO remained above DEC cleanup levels. In June 2013 the oversight for the cleanup of the site was transferred from the Prevention and Emergency Response Program to the Contaminated Sites Program.

Contaminants of Concern

The following petroleum contaminants of concern, above approved cleanup levels, were identified during the course of the site investigations summarized in the Characterization and Cleanup Activities section of this decision letter.

- Gasoline Range Organics (GRO)
- Diesel Range Organics (DRO)
- Residual Range Organics (RRO)
- Benzene
- Toluene
- Ethylbenzene
- Xylenes

Cleanup Levels

The more restrictive of either the inhalation or ingestion cleanup levels apply to this site as established in 18 AAC 75.341 (d), Tables B1 and B2. Migration to groundwater soil cleanup levels are not applicable in this circumstance because groundwater is found at 70-80 feet below ground surface (bgs) and contamination was not found at depths greater than 10 feet bgs.

Table 1 – Approved Cleanup Levels

| Contaminant | Soil (mg/kg) |
|--------------|-----------------|
| GRO | 1400 |
| DRO | 10,250 |
| RRO | 10,000 |
| Benzene | 11 |
| Toluene | 220 |
| Ethylbenzene | 110 |
| Xylenes | 63 |

mg/kg = milligrams per kilogram

Characterization and Cleanup Activities

Site characterization under 18 AAC 75.335 conducted in 2013 included a geophysical survey of the site that identified fourteen locations with high metallic response that could represent a buried drum. Twenty-five boreholes were drilled and the soil sampled. DRO, RRO, benzene and toluene were found above cleanup levels. GRO was identified above cleanup levels during the cleanup.

Contaminated soil was excavated along with the metallic anomalies. The metal debris was non-hazardous and was sent off-site for reuse or disposal. Confirmation sampling at the limits of the excavation showed a maximum of 567 mg/kg GRO, 605 mg/kg DRO, 923 mg/kg RRO, 0.708 mg/kg benzene, 8.13 mg/kg toluene, 2.21 mg/kg ethylbenzene and 11.1 mg/kg xylenes remaining.

ADEC Decision

Remaining petroleum contamination in soil is below approved cleanup levels. This site will receive a "Closed" designation on the Contaminated Sites Database, subject to the following standard conditions.

Standard Conditions

1. Any proposal to transport soil or groundwater off-site requires ADEC approval in accordance with 18 AAC 78.600(h). A "site" [as defined by 18 AAC 75.990 (115)] means an area that is contaminated, including areas contaminated by the migration of hazardous substances from a source area, regardless of property ownership.
2. Movement or use of contaminated material in a manner that results in a violation of 18 AAC 70 water quality standards is prohibited.

This determination is in accordance with 18 AAC 75.380 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 15.195 – 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 questions about this closure decision, please feel free to contact me at (907) 269-0298.

Sincerely,



Deb Caillouet
Environmental Program Specialist