

STATE OF ALASKA

SEAN PARNELL, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

43335 K-Beach Road, Suite 11
Soldotna, AK 99669
PHONE: (907) 262-5210
FAX: (907) 262-2294
<http://www.state.ak.us/dec/>

DIVISION OF SPILL PREVENTION AND RESPONSE CONTAMINATED SITES PROGRAM

File: 2245.26.007

January 7, 2010

Al Gilbert
State of Alaska DOT&PF
Building Maintenance
5848 East Tudor Road
Anchorage, Alaska 99507

Re: Record of Decision: ADOT&PF Goose Bay Maintenance Facility
ADEC Spill #1997220020501
Corrective Action Complete Determination

Dear Mr. Gilbert:

The Alaska Department of Environmental Conservation, Contaminated Sites Program, (ADEC) has completed a review of the environmental records associated with the ADOT&PF Goose Bay Maintenance Facility, including the recent information provided on behalf of ADOT&PF by Corey Loyd (DOWL HKM). This information was reviewed by ADEC for compliance with Alaska statutes and regulations governing hazardous substance contamination. Based on the information provided to date, the 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 ADOT&PF Goose Bay Maintenance Facility site, which is located in the offices of the ADEC in Soldotna, Alaska. This letter summarizes the decision process used to determine the environmental status of this site and provides a summary of the regulatory issues considered in the Corrective Action Complete Determination.

Introduction

Site Name and Location

ADOT&PF Goose Bay Maintenance Facility
Mile 19.9 Goose Bay Road

Name and Mailing Address of Contact Party:

Al Gilbert
State of Alaska DOT&PF
Building Maintenance
5848 East Tudor Road
Anchorage, Alaska 99507

ADEC Site Identifiers:

Hazard ID #24748
ADEC Reckey #1997220020501
CS file #2245.26.007

Regulatory authority under which the site is being cleaned up:

18 AAC 75 and 18 AAC 78

Background

During the removal of a 3,000 gallon diesel underground storage tank (UST), diesel contaminated soils were encountered. A loose fitting for the dispensing line was determined to be leaking. A stockpile of less than 10 cubic yards of petroleum contaminated soil was generated during the removal of the UST system. A matrix cleanup score was calculated for the site, the matrix score depicted that the site cleanup level was Category D. Confirmation sampling was conducted at the base of the excavation and analytical samples were also collected from the contaminated soil pile. Soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), Gasoline Range Organics (GRO), and Diesel Range Organics (DRO). All soil sample results for BTEX and for GRO met current ADEC Method 2 cleanup levels. The two excavation samples met ADEC Method 2 cleanup levels for DRO. One of two soil stockpile samples was non-detect. The other soil stockpile sample had a DRO concentration of 1100 mg/kg, which meets the Method 1, Category D cleanup level of 2,000 mg/kg DRO. Based on the cleanup criteria at the time, the contaminated soils were determined to meet cleanup criteria, and were landspread at the site.

Chemicals of Concern

The contaminants of concern identified at the site are:
Diesel range organics (DRO)

Soil Cleanup Levels

The soil cleanup levels established for this site are the 18 AAC 75.341, Table A1 Category D for GRO and DRO, and Table B1 migration to groundwater pathway (Under 40 inch zone) for BTEX. These cleanup levels are the most stringent soil cleanup levels and allow unrestricted closure once the levels are achieved.

<u>Contaminant</u>	<u>Site Cleanup Level (mg/kg)</u>
• DRO	2,000

Pathway Evaluation

The exposure pathways for human health that were evaluated for the residual contaminant of concern at this site, DRO in soil, include the following: ingestion of soil and groundwater, indoor and outdoor inhalation of vapors, and dermal contact with soil.

The outdoor vapor inhalation, soil ingestion, and dermal contact with soil exposure risks are considered acceptable because the residual DRO soil concentrations are below ADEC soil cleanup levels. The indoor vapor risk is considered acceptable based on the relatively low residual concentrations of DRO in soil, and the separation distance between this residual soil contamination and the building.

The groundwater ingestion pathway risk is acceptable because no groundwater contamination was identified and residual in-situ soil contaminant concentrations meet ADEC 'migration to groundwater' soil cleanup levels.

The exposure pathway analysis above was supported by the most recent ADEC Exposure Tracking Model (ETM) ranking. The ETM results showed all pathways to be one of the following: De Minimis Exposure, or Pathway Incomplete.

ADEC Decision

The corrective actions to date have served to adequately address contaminated soil at this site. Based on the information provided to date, ADEC has determined that no further assessment or cleanup action is required at this time. This site no longer poses an unacceptable risk to human health or the environment. This site meets current ADEC criteria for a Corrective Action Complete determination, and this site will be closed in the Contaminated Site Program's database.

Although a Corrective Action Complete determination has been granted, ADEC approval is still required for any off-site soil disposal in accordance with 18 AAC 78.274(b), and 18 AAC 78.600(h). In addition, any movement or use of potentially contaminated soil in a manner that results in a violation of 18 AAC 70 water quality standards is unlawful.

The ADEC Contaminated Sites Database will be updated to reflect the change in site status as detailed above. This determination is consistent with 18 AAC 78.276(f) and does not preclude ADEC from requiring additional assessment and/or corrective action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

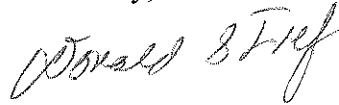
Appeal

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 there are any questions regarding this Corrective Action Complete Determination, you may contact me at 262-5210, extension #245.

Sincerely,

A handwritten signature in black ink that reads "Donald G. Fritz". The signature is written in a cursive style with a large, stylized "D" and "F".

Donald G. Fritz
Environmental Program Specialist

CC: Corey Loyd -DOWL HKM