

STATE OF ALASKA

SARAH PALIN, GOVERNOR

**DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF SPILL PREVENTION AND RESPONSE
CONTAMINATED SITES PROGRAM**

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File: 2100.26.559

January 26, 2009

Glen Alsworth
2425 Merrill Field Airport Drive
Anchorage, Alaska 99501

Re: Lake Clark Air
Record of Decision – Corrective Action Complete Determination

Dear Mr. Alsworth

The Alaska Department of Environmental Conservation (ADEC), Contaminated Sites Program, has completed a review of the environmental records associated with Lake Clark Air. 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 Lake Clark Air, which is located in the offices of the Alaska Department of Environmental Conservation (ADEC) in Anchorage, 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:

Lake Clark Air
2425 Merrill Field Drive
Anchorage, Alaska 99501

Name and Mailing Address of Contact Party:

Glen Alsworth
2425 Merrill Field Airport Drive
Anchorage, Alaska 99501

Database Record Key and File Number:

File: # 2100.26.559
Hazard ID: 25290

Regulatory authority under which the site is being cleaned up:

18 AAC 75 and 18 AAC 78

Background

Petroleum impacted soil was encountered during the removal of a 5,000-gallon aviation gasoline underground storage tank (UST).

Contaminants of Concern

During the investigation at this site, soil samples were analyzed for gasoline range organics (GRO); lead; and benzene, toluene, ethylbenzene, and xylene (BTEX). Based on these analyses and knowledge of the source area, the following *Contaminant of Concern* was identified.

- Benzene

Cleanup Levels

The soil cleanup levels for this site are established in 18 AAC 75.341 Tables B1 and B2, Under 40 inch Zone, Migration to Groundwater.

<u>Contaminant</u>	<u>Site Cleanup Level (mg/kg)</u>
Benzene	0.025

Characterization Activities

During the tank removal in 2008, approximately 80 cubic yards of soil were excavated. Three confirmation soil samples were collected from the depths of the excavation, approximately 16 feet below ground surface at 5 feet below the bottom of the former tank. Three soil samples were also collected from the stockpile. Confirmation soil samples taken in the excavation did not contain contaminants above ADEC cleanup levels. One soil sample taken from the stockpile contained benzene up to 0.0325 mg/kg. No groundwater was encountered in the excavation. The 80 cubic yards of stockpiled soil along with clean fill were used to backfill the excavation.

Pathway Evaluation

The exposure pathways for human health that were evaluated include the following: ingestion of soil and groundwater, indoor and outdoor inhalation of vapors, and direct contact with soil. These pathways may be complete, but the remaining contaminant concentrations do not exceed inhalation and ingestion cleanup levels.

The migration to groundwater pathway may be complete, but drinking water is supplied from the city of Anchorage. Furthermore, benzene (the only contaminant of concern) was found in only one soil sample just above ADEC cleanup levels. Therefore, any potentially remaining contamination appears to be "de minimis" in nature.

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 either De minimis or Incomplete.

ADEC Decision

The characterization activities to date have served to adequately evaluate the site. Based on the information available, ADEC has determined no further assessment or cleanup action is required. There is no risk to human health or the environment, and this site will be closed on the Department's database.

Although a Corrective Action Complete determination has been granted, ADEC approval is required for off-site soil disposal in accordance with 18 AAC 78.600(h). However, due to the *de minimis* nature of the remaining contamination at the site, this letter will serve as your approval to transport soil off site in the future. 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.

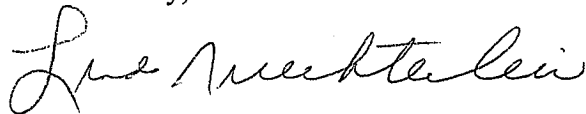
This determination is in accordance with 18 AAC 78.276(f) and does not preclude ADEC from requiring additional assessment and/or cleanup action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

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 decision document, please contact the ADEC Project Manager, Grant Lidren at (907) 269-8685.

Sincerely,



Linda Nuechterlein
Environmental Manager