

STATE OF ALASKA

SARAH PALIN, GOVERNOR

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

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File No.: 2100.26.039

April 2, 2007

Susan Schrader
Alaska Railroad Corporation
P.O. Box 107500
Anchorage, Alaska
99510

RE: Alaska Railroad Corporation (ARRC)
Boiler House- Building 29 USTs
Record of Decision

Dear Ms. Schrader,

The Department of Environmental Conservation, Contaminated Sites Program (ADEC) reviewed the environmental records associated with the Alaska Railroad Corporation's Boiler House- Building 29 former USTs formerly located at the Anchorage rail yard. This site had been contaminated by the release of a hazardous substance; however, based on the information provided to date, ADEC has determined that no further remedial action is required, and that the Boiler House- Building 29 former USTs can be closed subject to the conditions outlined in this document. The hazardous substance contamination has been adequately addressed and does not pose an unacceptable risk to human health or the environment.

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 ADEC determination.

Introduction

Site Name and Location

Alaska Railroad Corporation (ARRC)
Boiler House- Building 29 USTs
Anchorage Rail Yard
1825 Ship Ave, Anchorage

Name and Mailing Address of Contact Party:

Susan Schrader
Alaska Railroad Corporation
P.O. Box 107500
Anchorage, Alaska, 99510

Database Record Key and CS file number:

ADEC Reckey # 1993211016601

LUST file # 2100.26.039

Regulatory authority under which the site is being cleaned up:

18 AAC 75 and 18 AAC 78

Background

Two 10,000 gallon former rail cars were buried in 1984 and utilized as USTs to hold waste oil for the boiler plant steam system.

Cleanup Actions

The two USTs were buried side by side and removed from a single excavation in June 1993. The excavation of the tanks was guided by field screening using a PID, resulting in approximately 7 cubic yards of potentially contaminated soil.

Confirmation samples collected from the limits of the excavation contained total petroleum hydrocarbons up to 3,500 mg/kg, however the next highest sample result was 458 mg/kg. Benzene and PCBs were not detected in any of the samples and groundwater was not encountered during the excavation.

Contaminants of Concern

Diesel Range Organics

Gasoline Range Organics

Cleanup Levels

The soil cleanup levels established for this site are: 18 AAC 75.341 Tables B1 and B2, Under 40 inch Zone, Migration to Groundwater. TPH equals DRO + GRO.

<u>Contaminant</u>	<u>Site Cleanup Level (mg/kg)</u>
Diesel Range Organics	250
Gasoline Range Organics	300

Pathway Evaluation

The pathways evaluated at this site include the human health exposure pathways soil ingestion and inhalation of vapors. The inhalation and ingestion pathways may be complete but contaminant concentrations are below inhalation and ingestion cleanup levels

The migration to groundwater pathway may be complete but groundwater was not encountered during the excavation and groundwater is not used as a drinking water source.

ADEC Decision

The cleanup actions conducted at Boiler House- Building 29 USTs were effective in removing the majority of impacted soil associated with the former USTs. There is contamination remaining above established cleanup levels but ADEC determined there is no unacceptable risk to human health or the environment, and this site will be conditionally closed.

This decision is subject to the following conditions:

1. A Notice of Residual Contamination will be recorded on the ADEC database to document that there is residual contamination remaining on site above the most stringent ADEC cleanup levels;
2. Any proposal to transport soil off site requires ADEC approval in accordance with 18 AAC 75.325(i).

This determination is in accordance with 18 AAC 75.380(D) (2) 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. Additionally, any proposal to transport soil off site requires ADEC approval in accordance with 18 AAC 78.274(b).

Site closure (without conditions) can be achieved when soil sampling confirms that all soil meets the most stringent ADEC cleanup levels.

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 contact William O'Connell at (907) 269-3057.

Sincerely,



Jim Frechione
Environmental Manager