

# STATE OF ALASKA

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

**SARAH PALIN, GOVERNOR**

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File: 2237.26.001  
Certified Return Requested  
Article No: 7007 3020 0000 1948 7585

June 8, 2009

Shirley Uptegraft  
HC01 Box 1861  
Glennallen, Alaska 99588

Re: Record of Decision – Former Lake Louise Convenience Store  
Corrective Action Complete Determination

Dear Ms. Uptegraft;

The Alaska Department of Environmental Conservation (ADEC), Contaminated Sites Program, has completed a review of the environmental records associated with the Former Lake Louise Convenience Store. 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 Former Lake Louise Convenience Store, which is located in the offices of the Alaska Department of Environmental Conservation 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 this Corrective Action Complete Determination.

### **Introduction**

#### Site Name and Location:

Former Lake Louise Convenience Store  
Mile 160 Glenn Highway  
Glennallen, AK 99588

#### Name and Mailing Address of Contact Party:

Shirley Uptegraft  
HC01 Box 1861  
Glennallen, Alaska 99588

#### ADEC Site Identifiers

File#: 2237.26.001  
Hazard ID: 25175

Regulatory authority under which the site is being cleaned up:  
18 AAC 75 and 18 AAC 78

### **Background**

Two partially buried 5,000 gallon underground storage tanks (USTs) were removed from the site in 1998, and the excavation backfilled with debris from the demolished convenience store adjacent to the tanks. A Site Assessment was conducted on August 3, 2007 during which the buried debris and UST piping was removed and soil samples were collected from the former UST excavation, the former piping run, and the former dispensers.

### **Contaminants of Concern**

During the investigation at this site, soil samples were analyzed for gasoline range organics (GRO), polycyclic aromatic hydrocarbons (PAHs), lead, and volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylenes (BTEX). Based on these analyses and knowledge of the source area, the following Contaminant of Concern was identified:

- Benzene

### **Cleanup Levels**

The default soil cleanup levels for this site are established in 18 AAC 75.341, Method Two, 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 August 3, 2007 Site Assessment, the area of the former USTs was partially excavated to a depth of 4 feet below ground surface (bgs) to remove debris. Two confirmation soil samples collected from the bottom of the excavation did not contain contaminants above ADEC cleanup levels. The piping, which was located at 1 foot bgs, was removed and placed on the adjacent concrete pad. Five confirmation soil samples collected from underneath the piping and dispensers at 1.5 feet bgs contained benzene up to 0.0322 mg/kg. Groundwater was not encountered. A drinking water well remains on site approximately 100 feet north of the former USTs.

### **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. The inhalation and ingestion 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 benzene was found in only one soil sample just above ADEC cleanup levels and appears to be de minimis in nature and extent.

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 site 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 unacceptable risk to human health or the environment, and this site will be designated as 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.

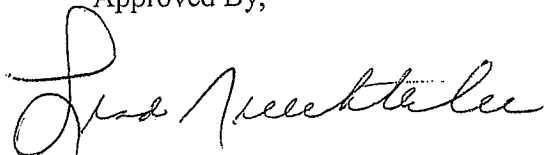
This determination is in accordance with 18 AAC 78.276(f) and does not preclude ADEC from requiring additional assessment and/or cleanup action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

**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.

Approved By,



Linda Nuechterlein  
Environmental Manager

Recommended By,



Grant Lidren  
Environmental Specialist