

STATE OF ALASKA

SARAH PALIN, GOVERNOR

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

410 Willoughby Ave., Suite 302
Box 111800 Juneau AK 99811-1800
PHONE: (907) 465-5210
FAX: (907) 465-5218
<http://www.state.ak.us/dec/>

File: 1529.26.006

January 14, 2009

Mr. Ronald P. Fennimore
Fennimore's Service Center
Post Office Box 957
Wrangell, AK 99929

Re: Record of Decision (ROD); Fennimore Service Center
Corrective Action Complete Determination

The Alaska Department of Environmental Conservation, Contaminated Sites Program (ADEC) reviewed the environmental data associated with the regulated underground storage tank (UST) facility located at 21 Front Street in Wrangell. Based on the information provided to date, ADEC has determined that the hazardous substance contamination remaining on site does not pose an unacceptable risk to human health or the environment and this site shall be closed in accordance with the conditions outlined in this letter.

This decision is based on the administrative record for Fennimore Service Center, which is located in the offices of the Alaska Department of Environmental Conservation (ADEC) in Juneau, 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

Facility Name and Location

Fennimore Service Center
21 Front Street, Wrangell, Alaska 99929
Block 1, Lot 4, Wrangell Townsite

ADEC Administrative Record

Contaminated Sites Program Hazard ID# 25081
Database Reckey 1999120008501
ADEC File 1529.26.006
UST Program Facility ID# 386, Owner ID# 978

Background

Two 3,000-gallon metal USTs used to store gasoline and one 2,000-gallon metal UST used to store diesel were closed by removal at the referenced facility in March, 1999. The gasoline tanks were excavated at the center of the property from a depth of two feet below current grade and the diesel tank was removed at the northwest corner of the property from approximately one foot below current grade. Fiberglass piping excavated from the site was considered in good condition; the

tanks showed no signs of corrosion or damage. A surface soil stain was observed when the dispenser station was removed.

Site Assessment and Corrective Action

Contaminated soil was removed from the perimeter of the USTs and dispenser island removal excavation to the extent that the integrity of subsurface utility corridors and building structures would allow. The areal extent of the pit was estimated at 1,400 square feet at the surface and a depth below grade of seven to eight feet to bedrock. Groundwater was not encountered at the site and was not investigated.

Soil samples collected from the center and perimeter of the pit were analyzed for petroleum fractions and volatile compounds; gasoline in residual soil ranged from 150 milligrams per kilogram (mg/kg) to 300 mg/kg, diesel in residual soil ranged from 110 mg/kg to 190 mg/kg, benzene ranged from 0.07 mg/kg to 3.6 mg/kg, ethylbenzene ranged from 5.5 mg/kg to 7.1 mg/kg. Soil that was initially screened for volatiles in the pit and later screened in the stockpile showed a marked reduction in petroleum vapors, indicating that aeration treatment would rapidly reduce soil contamination.

In 1999, contaminated soil was transported to a material site on Zimovia Highway in Wrangell for natural attenuation treatment with fertilizer and aeration by tilling. Initial soil concentrations of gasoline ranged from 200 to 1,100 mg/kg and concentrations of benzene ranged from 0.75 to 1.9 mg/kg. In 2004, ADEC examined the 5-year-old contaminated soil and determined that the soil likely met Method 2 ingestion/inhalation screening levels for GRO and BTEX. The exposed bedrock on which the soil was land spread did not influence ground water and puddles of surface water did not exhibit sheen.

Contaminants of Concern

Benzene, ethylbenzene, toluene, xylenes (BTEX) and gasoline range hydrocarbons (GRO)

Pathway Evaluation

The pathways evaluated at this site included exposure pathways of inhalation of vapors and direct contact with contaminated soil. The contaminant concentrations did not exceed the human health risk levels established for these pathways. Residual soil contamination is below ground surface at the facility and ground or surface water is not present at the site. Residual soil contamination at the land spread material site is at the surface and ground and surface water are not present at the site.

Cleanup Levels

The soil cleanup levels established for this site are 18 AAC 75.341, Method Two, Tables B1 and B2, human health direct contact and inhalation screening levels for the contaminants of concern.

<u>Contaminant</u>	<u>Site Cleanup Level (mg/kg)</u>
• Gasoline Range Organics	1,400
• benzene	6.4 (inhalation)
• ethylbenzene	89 (inhalation)
• toluene	180 (inhalation)
• total xylenes	81 (inhalation)

DEC Decision

The sources of contamination at the Fennimore Service Center facility were removed from the site.. The site assessment data has documented that residual soil impacts meet the established cleanup levels and the off-site contaminated soil stockpile has attenuated to an acceptable condition. As a result, ADEC will not require any further cleanup actions and the site is approved for closure status.

Although a Corrective Action Complete determination has been granted, ADEC approval is required for off-site disposal of soil in accordance with 18 AAC 78.600(h). 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 ACC 78.276(f) and does not preclude ADEC from requiring additional assessment or cleanup action if future information indicates that this site may pose a current or future 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 - .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, PO Box 111800, Juneau, Alaska 99801-1800, 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, PO Box 111800, Juneau, Alaska 99801-1800, 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.

Cost Recovery

Alaska Statute 46.08.070 requires that recovery be sought for certain costs, including oversight activities, incurred by the State in responding to pollution incidents. The State may bill the responsible party at a later date for State expenditures associated with this pollution incident. If you believe someone else may be responsible for this pollution incident or if you have any questions concerning this matter, please contact me.

If you have questions about this closure decision, please contact Bruce Wanstall at 907-465-5210 or email at bruce.wanstall@alaska.gov ,

Sincerely,



Bruce Wanstall
Program Manager
State & Private Cleanup Program

cc: William Steele, Underground Storage Tank Program, via email
Cheryl Page, Underground Storage Tank Program, via email