STATE OF ALASKA

SARAH PALIN, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF SPILL PREVENTION AND RESPONSE
CONTAMINATED SITES PROGRAM

610 University Avenue
Fairbanks, AK 99709-3643
PHONE: (907) 451-2158
FAX: (907) 451-5105
www.dec.state.ak.us

File: 108.26.057

April 28, 2009

US Army Garrison, Alaska
Directorate of Public Works
Environmental Compliance Division
1060 Gaffney Road, #4500
Fort Wainwright, AK 99703-4500
ATTN: IMPC-FWA-PWE (CLIFF SEIBEL)

Re: Fort Wainwright Bldg 4065 Former Bassett Army Hospital UST #241, Cleanup Complete Determination

Dear Mr. Seibel:

The Alaska Department of Environmental Conservation, Contaminated Sites Program (ADEC) has completed a review of the Underground Storage Tank Closure documentation. Based on the information, the ADEC has determined that the contaminant concentrations remaining on site do not pose an unacceptable risk to human health or the environment and a Cleanup Complete determination will be granted.

This decision is based on the 12,000-Gallon UST Closure and French Drain Removal Field Report, Demolish Bassett Hospital (Bldg 4065) FTWW Alaska, Project 102762 FTW171D, Contract No. W911KB-07-C-0026 Report, dated September 26, 2008. 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 Cleanup Complete determination.

Introduction
Site Name and Location:
Fort Wainwright
Bldg 4065 Former Bassett Army Hospital
UST #241, Spruce Street and Neely Road
Fort Wainwright, Alaska 99712

Name and Mailing Address of Contact Party:
Directorate of Public Works-Army
APVR-WPW-EV
1060 Gaffney Road #4500
Fort Wainwright, Alaska 99712

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Database Record Key and File Number:
File: # 108.26.057
Hazard ID: 25401

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 12000-gallon gasoline underground storage tank (UST) and associated piping.

Cleanup Actions
During the tank removal in 2008, approximately 220 cubic yards of soil were excavated. Six confirmation soil samples and a duplicate were collected from the bottom and sidewalls of the excavation. Two soil samples were also taken from the stockpile. The soil was analyzed for: benzene, ethylbenzene, toluene, and total xylenes (BTEX), lead, and gasoline range organics (GRO) diesel range organics (DRO), residual range organics (RRO) and polycyclic aromatic hydrocarbons (PAH). All analytes sampled were below ADEC cleanup levels. Confirmation soil samples taken in the excavation contained DRO up to 28.3 mg/Kg, and RRO up to 172 mg/Kg. Stockpile soil samples contained DRO up to 4.72 mg/Kg, and RRO up to 34.4 mg/Kg. No groundwater was encountered in the excavation. Based on the results of laboratory samples, the 220 cubic yards of stockpiled soil along with clean fill from the Twin Rich borrow pit were used to backfill the excavation.

Contaminants of Concern
Diesel range organics (DRO)
Residual range organics (RRO)

Cleanup Levels
The soil cleanup levels established for this site are in 18 AAC 75.341 Table B2, Under 40 inch Zone.

Contaminant	Site Cleanup Level (mg/Kg)
DRO	250
RRO	10000

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 dermal contact with soil. These pathways may be complete but the remaining contaminate concentrations do not exceed the most conservative Method Two cleanup levels in Table B2 for the Under 40 inch Zone established in 18 AAC 75.341.

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 Incomplete.

ADEC Decision
The cleanup actions to date have served to excavate and adequately characterize contaminated soil from the site. Based on the information available, ADEC has determined no further assessment or cleanup action is required. There is no longer a risk to human health or the environment, and this site will be designated as "Cleanup Complete" on the Department's database.

Although a Cleanup Complete determination has been granted, ADEC approval is required for off-site soil disposal in accordance with 18 AAC 78.274(b). However, since this site has met the most conservative soil cleanup levels, this letter will serve as your approval for future off-site movement and disposal of soil associated with this release. 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)(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.

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 the ADEC project manager, Sharon Richmond at (907) 451-2158.

Sincerely,

for

Sharon Richmond
Environmental Program Specialist

cc: Joe Malen
Dept. of the Army