

STATE OF ALASKA

SARAH PALIN, GOVERNOR

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

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File: 2100.38.396

November 21, 2008

Edie Knapp
Division of Facilities and Operations
Anchorage School District
1301 Labar Street
Anchorage, Alaska 99515

Re: Record of Decision - ASD Abbott Loop Elementary School
Cleanup Complete Determination

Dear Ms Knapp:

The Alaska Department of Environmental Conservation, Contaminated Sites Program (ADEC) has completed a review of the environmental records associated with the Anchorage School District (ASD) Abbott Loop Elementary School located at 8427 Lake Otis Pkwy., Anchorage, Alaska. 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 ASD Abbott Loop Elementary School, which is located in the offices of the 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 Cleanup Complete Determination.

Introduction

Site Name and Location:

ASD Abbott Loop Elementary School
8427 Lake Otis Pkwy.
Anchorage, Alaska 99507

Name and Mailing Address of Contact Party:

Edie Knapp
Division of Facilities and Operations
Anchorage School District
1301 Labar Street
Anchorage, Alaska 99515

Database Record Key and File Number:

ADEC Reckey No. 1990210107101

File: # 2100.38.396

Hazard ID: 4664

Regulatory authority under which the site is being cleaned up:

18 AAC 75

Background

Petroleum impacted soil was encountered during the removal of two diesel fuel underground storage tanks (USTs) in 1990. During the follow up investigations at this site soil samples were analyzed for total petroleum hydrocarbons (TPH); arsenic, chromium, lead; polychlorinated biphenyls (PCBs) and volatile organic compounds including benzene, toluene, ethylbenzene, and xylenes (BTEX).

Cleanup Actions

Pre-excavation soil samples collected from the tank area contained TPH up to 2,000 mg/kg. Based on this information, impacted soil was excavated during tank removal, and stockpiled on site.

Eight confirmation samples taken from the limits of the excavation contained TPH up to 27 mg/kg. The excavation was then backfilled with clean fill.

Stockpile samples contained TPH up to 110 mg/kg, so the excavated material was used as the base course for the new parking lot and driveway with ADEC approval on August 17, 1990.

Contaminant of Concern

- Total Petroleum Hydrocarbons (TPH)

Cleanup Levels

At the time of this investigation, the ADEC cleanup level for TPH was 100 mg/kg. The current cleanup level for the diesel fraction of TPH is 250 mg/kg so the TPH concentrations remaining following removal of the tank do not indicate an exceedance of the current or former cleanup levels.

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 the most conservative Method Two "Migration to Groundwater" cleanup levels in Tables B1 and B2 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 De minimis Exposure, Exposure Controlled, or Pathway Incomplete.

ADEC Decision

The cleanup actions to date have served to excavate and adequately remove 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 75.325(i). 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.

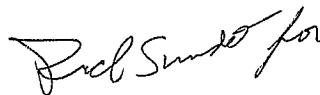
This determination is in accordance with 18 AAC 75.380(d) and does not preclude ADEC from requiring additional assessment and/or cleanup action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

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, Pam Clemens at (907) 269-7551.

Sincerely,



Linda Nuechterlein
Environmental Manager

CC: Dan Roth, Municipality of Anchorage Onsite Water and Wastewater program