

STATE OF ALASKA

FRANK H. MURKOWSKI, GOVERNOR

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

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File: 2215.38.001

June 1, 2004

Alan D. Falkenstein
FAA Alaskan Region
222 W. 7th Avenue, Box 14
Anchorage, AK 99513-7587

Re: No Further Action
Federal Aviation Administration
Cordova – Community Services Facility (COMSERFAC)
RecKey #: 1994240126803

Dear Mr. Falkenstein:

The Alaska Department of Environmental Conservation (ADEC) has reviewed the March 1998 Corrective Action and Remediation Report and the request for no further action (NFA) determination at the referenced site, received by the Department on April 6, 1998.

Site Background

On September 25, 1994, a 500-gallon heating oil above ground storage tank (AST) was removed from its wood frame. Rust was observed on the inside and outside of the tank, but no holes or dents were evident in the tank. Some petroleum stains were observed on the ground surface in the vicinity of the tank. The probable sources of the staining were overfills and spills during fuel delivery.

Assessment and Remedial Activities

Approximately 18 cubic yards of potentially petroleum-affected soil were excavated. Water with sheen was observed in the excavation at a depth of approximately 4 feet. Seven confirmatory soil samples were collected from the excavation. Three of the seven soil samples indicated levels above ADEC Cleanup Levels for diesel range organics (DRO). They were 120 milligrams per kilogram (mg/kg) (3.5 feet below ground surface (bgs)), 1,400 mg/kg (3 feet bgs) and 730 mg/kg (3 feet bgs).

In 1995, six groundwater probes were installed around the perimeter of the tank area. Groundwater samples collected from all six of the groundwater probes were analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX). One sample from GP-15 was also analyzed for DRO. All BTEX analyses were below ADEC Table C Cleanup Levels. The sample collected for DRO indicated a level of 5.2 milligrams per liter (mg/L).

In 1997, another groundwater probe, GP-5, was installed adjacent to GP-15. The groundwater sample results from that sampling indicated non-detect for DRO and BTEX.

The closest drinking water well is near Water House Building 601 which is approximately 1000 feet from this site. The drinking water well is approximately 180 feet deep.

Approved Cleanup Levels

Cleanup levels for this site have been approved by the Department as follows. The State of Alaska Method 1, category A cleanup levels for soil is 100 mg/kg DRO (18 AAC 75.341 Table A1) and 0.02 mg/kg benzene (18 AAC 75.341 Table B1). The State of Alaska Table C cleanup levels for groundwater are 1.5 mg/L for DRO and 0.005 mg/L for benzene (18 AAC 75.345 Table C).

Determination

Some residual soil contamination appears to remain in the smear zone at approximately 4 feet bgs, however the contamination does not appear to be migrating due to the fact that the DRO and BTEX levels in the groundwater were below ADEC cleanup levels during the last sampling event.

ADEC has determined that the cleanup actions employed at the Community Service Facility site were effective in removing the majority of the impacted soil and preventing future contamination. ADEC considered the potential risk posed by the soil contaminant levels and determined that no significant risk to human health or the environments remains at this site, and therefore **no further action** at the FAA Cordova Community Service Facility site is required.

Closure

In accordance with 18 AAC 75.380(d)(1), additional investigation and cleanup may be required if new information is discovered which leads the ADEC to make a determination that the cleanup described in this decision is not protective of human health, safety, and welfare or the environment.

If you are in disagreement with this decision you may seek an adjudicatory hearing under 18 AAC 15.200 – 18 AAC 15.920 within 30 days of the mailing of this decision. If you have any questions, please contact Mike Jaynes at (907) 465-5207 or via e-mail at Mike_Jaynes@dec.state.ak.us.

Sincerely,



Mike Jaynes
Environmental Specialist

Sincerely,



John Halverson
Acting Section Manager

cc: David Jadhon, FAA (via e-mail)