STATE OF ALASKA

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DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SPILL PREVENTION AND RESPONSE
CONTAMINATED SITES PROGRAM

File: 130.26.014

November 12, 2008

Jeff Gross
Alaska Department of Fish & Game
P. O. Box 355
Tok, AK 99780-0355

Re: Alaska Department of Fish & Game Office
100 Center Street, Tok, Alaska
Record of Decision - Cleanup Complete Determination

Dear Mr. Gross:

The Alaska Department of Environmental Conservation (DEC), Contaminated Sites Program has completed a review of the environmental records associated with the Alaska Department of Fish & Game (ADFG) Office located at 100 Center Street, in Tok, Alaska. Based on the information provided to date, DEC 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 administrative record for ADFG office, which is located in the offices of the Alaska Department of Environmental Conservation (DEC) in Fairbanks, 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:
ADFG- Tok Office
100 Center Street
Tok, Alaska

Name and Mailing Address of Contact Party:
Jeff Gross
Alaska Department of Fish & Game
P. O. Box 355
Tok, AK 99780-0355

Database Record Key and File Number:
ADEC Reckey No. 1997330005501
File: # 130.26.014
Hazard ID: 24627

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 1000-gallon underground storage tank (UST) and associated piping.

Cleanup Actions
During the tank removal in 1997, approximately 20 cubic yards of soil were excavated. Five confirmation soil samples were collected from the depths of the excavation, approximately 8 feet below ground surface at the bottom of the former tank. One sample was taken below the pumping dispenser and one sample was collected 14 feet below the fill pipe's horizonatal (above ground) location. One composite sample was also taken from the stockpile. The soil was analyzed for: benzene, ethylbenzene, toluene, and total xylenes (BTEX), diesel range organics (DRO), and gasoline range organics (GRO). Four of the five confirmation samples collected at the base of the excavation were above the cleanup level for DRO. The average DRO result for the five samples was approximately 1,500 milligrams per kilogram (mg/kg) with the highest being 3,300 mg/kg. All other analytes sampled were below DEC cleanup levels. The composite soil sample collected from the stockpile contained DRO at 143 mg/kg and GRO at 52.5 mg/kg. The soil stockpile was transported off site and thermally remediated. No groundwater was encountered in the excavation and is suspected to be 60 to 90 feet below ground surface. Clean gravel was used to backfill the excavation.

In 2008, an on-site drinking water well that supplies the ADFG office and residence to the north was sampled for DRO and volatile organic compounds. The drinking water well is less than 100 feet away from the former tank. Results show that all analytes were non detect in the drinking water well.

Contaminants of Concern
- Diesel Range Organics (DRO
- Gasoline Range Organics (GRO)
- Benzene

Cleanup Levels
The soil cleanup levels established for this site are in 18 AAC 75.341 Tables B1 and B2, Under 40 inch Zone, Migration to Groundwater.

Contaminant	Site Cleanup Level (mg/kg)
DRO	250
GRO	300
Benzene	0.025

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. The inhalation and ingestion exposure risk is acceptable as the remaining concentrations are below Method Two inhalation and ingestion soil cleanup levels and groundwater at the site has not been shown to be impacted. The nearest drinking water well is located approximately 100 feet from the former tank and a sample collected from this well in 2008 did not indicate the presence of contaminants. The dermal contact pathway is not considered to be a significant pathway as the majority of the contamination remaining at the site is below the surface and is not available to receptors.

The exposure pathway analysis above was supported by the most recent DEC Exposure Tracking Model (ETM) ranking. The ETM results showed all pathways to be incomplete or a de minimis exposure.

DEC Decision

The cleanup actions to date have served to excavate and adequately remove contaminated soil from the site. Based on the information available, DEC 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 DEC's database.

Although a Cleanup Complete determination has been granted, DEC approval is required for off-site soil disposal in accordance with 18 AAC 78.274(b). 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 DEC 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.

Please also be aware that while the Contaminated Sites Program is granting a Cleanup Complete Determination for this contaminated site, the on-site Class C drinking water well may be located within 100 feet of the former UST and remaining contamination. DEC drinking water regulations 18 AAC 80.020 requires a minimum separation distance of 100 feet between a Class C drinking water well and a potential source of contamination. DEC recommends that you contact Jeff Warner of the Drinking Water Program (907-376-1861) for more information on this issue.
If you have questions about this closure decision, please contact the DEC project manager, Neal Everson at (907) 451-2117.

Sincerely,

Janice Wiegers
Environmental Manager

cc: Jeff Warner, DEC Drinking Water Program-Wasilla