

# STATE OF ALASKA

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

**SARAH PALIN, GOVERNOR**

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File: 2100.38.200

July 20, 2007

Scott Lytle  
Ted Stevens Anc. Int'l Airport  
P.O. Box 196960  
Anchorage, AK 99519-6960

Re: Record of Decision Regarding Contaminated Soil at the Former Wilber's Air Cargo & Passenger Services Facility; RECKEY No. 1991210125601

Dear Mr. Lytle:

The Alaska Department of Environmental Conservation (ADEC) has recently conducted a review of a report titled "Limited Site Investigation on Property Located at 4025 West 50<sup>th</sup> Avenue, Anchorage International Airport". This report was received on July 12, 2007 and documents a limited site investigation at the former Wilber's Air Cargo & Passenger Services Facility (subject site). Seven shallow soil samples were collected and field screened, while three of the highest field screening locations were re-sampled to be analyzed for contaminants of concern. No contaminants of concern were detected at levels that exceed ADEC's most stringent cleanup levels.

Based on the information contained in the attached Record of Decision (ROD), ADEC has determined that the subject site does not pose an unacceptable risk to human health and the environment and therefore, requires no further action at this time. The subject site will be closed. If you have any questions regarding this letter or the attached ROD, please do not hesitate to contact me at (907) 269-7699 or e-mail me at [Todd\\_Blessing@alaska.gov](mailto:Todd_Blessing@alaska.gov).

Sincerely,



Todd Blessing  
Environmental Program Specialist

Attachments: Record of Decision

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

**RECORD OF DECISION  
Wilber's Air Cargo & Passenger Services  
4025 West 50<sup>th</sup> Avenue,  
Anchorage International Airport**

**July 20, 2007**

**Site name and location**

Wilber's Air Cargo and Passenger Services Facility is located at 4025 West 50<sup>th</sup> Avenue, Anchorage International Airport. The legal description of the site is: NE¼ Section 34, Township 13 North, Range 4 West, Seward Meridian.

**Name and mailing address of responsible person**

The State of Alaska, Department of Transportation and Public Facilities (ADOTPF) is the owner of the property and leases it for airport purposes. Scott Lytle is the Environmental Manager for the Anchorage International Airport and can be reached at P.O. Box 196960 Anchorage, AK 99519-6960.

**Database Record key**

1991210125601

**CS file number**

File Number: 2100.38.200

**Regulatory authority**

18 AAC 75 and 18 AAC 78

**Background**

On September 13, 1991, a release of diesel fuel was reported during the fueling of a trailer mounted refrigeration unit. The point of discharge occurred on an asphalt surface adjacent to the northeast corner of the property. The release then migrated into a drainage ditch along the West International Airport Road's southern right-of-way.

On September 20, 1991, DOWL Engineers investigated the spill and collected five surface soil samples. The following table provides the analytical results from those samples.

Contaminant of Concern	Method	Range of concentrations (parts per million)	ADEC Cleanup Levels (parts per million)
Extractable Petroleum Hydrocarbons (EPH)	EPA 8100	Nondetect to 5,130	Not Applicable
Benzene	EPA 8020	Nondetect to Nondetect	0.02
Toluene	EPA 8020	Nondetect to 0.283	5.4
Ethylbenzene	EPA 8020	Nondetect to Nondetect	5.5
Xylenes	EPA 8020	Nondetect to Nondetect	78

On May 30, 2007, Restoration Science and Engineering (RSE) re-evaluated the soil data from 1991 and collected seven additional surface soil samples. Three of the soil sample locations with the highest PID readings were sampled again to be analyzed for gasoline range organics (GRO), diesel range organics (DRO), residual range organics (RRO), and BTEX. The following table provides the analytical results from those samples.

Contaminant of Concern	Method	Range of concentrations (parts per million)	ADEC Cleanup Levels (parts per million)
GRO	AK 101	Nondetect to 4.34	300
DRO	AK 102	Nondetect to 134	250
RRO	AK 103	Nondetect to 681	10,000
Benzene	EPA 8021B	Nondetect to Nondetect	0.02
Toluene	EPA 8021B	Nondetect to Nondetect	5.4
Ethylbenzene	EPA 8021B	Nondetect to Nondetect	5.5
Xylenes	EPA 8021B	Nondetect to 0.0558	78

### Contaminants of Concern

The contaminants of concern evaluated at the subject property include:

- GRO
- DRO
- RRO
- Benzene
- Ethylbenzene
- Toluene
- Xylenes

## **EXPOSURE PATHWAYS**

The human health exposure pathways evaluated at this site included: ingestion of soil and inhalation of vapors. No contaminants of concern exceeded ingestion or inhalation cleanup levels. The ingestion of groundwater was not considered because the groundwater in this area is not used as a drinking water source but may be considered a migration pathway. The community water system serves the Anchorage International Airport.

The migration pathways included: migration to groundwater and surface water. The groundwater was not evaluated at the subject property because it does not serve as a drinking water source and the contaminants of concern do not exceed migration to groundwater cleanup levels.

At this time, there is no evidence to support contaminant migration to surface water since groundwater is not believed to be impacted.

## **Cleanup Levels**

### **Soil**

ADEC has evaluated the contaminant concentrations in the soil in accordance with 18 AAC 75.341 Tables B1 and B2 cleanup levels. The various pathways evaluated were migration to groundwater; ingestion and inhalation. All pathways evaluated are considered complete and the most stringent of the various pathways will be considered applicable at this site. The following soil cleanup levels are established for this site:

- GRO 300 mg/kg
- DRO 250 mg/kg
- RRO 10,000 mg/kg
- Benzene 0.02 mg/kg
- Toluene 5.4 mg/kg
- Ethylbenzene 5.5 mg/kg
- Xylenes 78 mg/kg
- Gasoline Range Organics 300 mg/kg

### **Groundwater**

ADEC evaluated the contaminant concentrations in the groundwater (shallow unconfined aquifer) at this site not as a drinking water source but as a medium that could transport contamination. Therefore, cleanup levels for the shallow groundwater at these sites would be based on protection of surface water; protection of indoor air; and/or concentrations that would not result in migration off site.

### ADEC Decision


The data presented to date indicates that soil at the subject property was impacted by past releases of diesel fuel. However, the current levels of petroleum constituents no longer exceed the concentrations established for protection of human health (i.e. ingestion and inhalation) or migration to groundwater. Based on this information, ADEC has determined that contamination released in the past does not pose an unacceptable risk to human health or the environment and the subject property shall be closed in accordance with 18 AAC 75.380.

This decision is also subject to 18 AAC 75.380(d)(2) that may require additional investigation and/or cleanup action in the future if new information indicates there is hazardous substance contamination at this site that may pose a risk to human health and 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.

ADEC Project Manager Approval:

  
\_\_\_\_\_  
Todd Blessing, Environmental Program Specialist

7-20-07  
Date

ADEC Section Manager Approval:

  
\_\_\_\_\_  
For Jim Frechione, Environmental Program Manager

7-20-07  
Date