



THE STATE  
of **ALASKA**  
GOVERNOR SEAN PARNELL

Department of  
Environmental Conservation

DIVISION OF SPILL PREVENTION & RESPONSE  
Contaminated Sites Program

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File Number: 2265.26.036

July 1, 2014

Ken Gittlein  
KG Enterprises, LLC  
4891 East Stoney Hollow Drive  
Wasilla, AK 99654

Re: Decision Document: Valley Country Store I Tank #4  
Corrective Action Complete Determination

Dear Mr. Gittlein:

The Alaska Department of Environmental Conservation (ADEC) has reviewed the environmental records for the Valley Country Store I Tank #4 site, located at 4891 East Stoney Hollow Drive in Wasilla, Alaska. This decision letter memorializes the site history, cleanup actions, and standard conditions for long-term site management. No further remedial action is required.

**Site Name and Location:**  
Valley Country Store I Tank #4  
4891 East Stoney Hollow Drive  
Wasilla, AK 99654

**Name and Mailing Address of Contact Party:**  
Ken Gittlein  
KG Enterprises, LLC  
4891 East Stoney Hollow Drive  
Wasilla, AK 99654

**DEC Site Identifiers:**  
File No: 2265.26.036  
Hazard ID: 26229

**Regulatory Authority for Determination:**  
18 AAC 75 and 18 AAC 78

**Site Description, Background, and Characterization and Cleanup Activities**

The ADEC received a Release Investigation/Closure Report, dated February 12, 2014 that documented the replacement of six fuel dispensers and piping associated with Tank 4. The dispensers and their piping were excavated from the ground on November 26 and December 4, 2013. During the excavation, soils were field screened with a photoionization detector (PID) and stockpiled accordingly. Confirmation soil samples were collected from the excavation and one of the

samples exhibited a concentration of diesel range organics (DRO) at 563 milligrams per kilogram (mg/kg), which exceeds the ADEC cleanup criterion for DRO (250 mg/kg). On December 9, 2013, an additional excavation was commenced to remove the previously mentioned DRO contamination. Confirmation soil samples collected from the December 2013 event did not exhibit any contaminant concentrations above the ADEC cleanup levels.

### Contaminants of Concern and Cleanup Levels

Diesel range organics (DRO) were identified above ADEC migration to groundwater (MTG) cleanup levels established in 18 AAC 75.341 (d), Table B2.

**Table 1 – ADEC Cleanup Levels**

Contaminant	Soil – MTG (mg/kg)	Soil – Ingestion (mg/kg)	Soil – Inhalation (mg/kg)
DRO	250	10,250	12,500

mg/kg = milligrams per kilogram

### Cumulative Risk Evaluation

Pursuant to 18 AAC 78.600(d), when detectable contamination remains on-site following a cleanup, a cumulative risk determination must be made that the risk from hazardous substances does not exceed a cumulative carcinogenic risk standard of 1 in 100,000 across all exposure pathways and does not exceed a cumulative noncarcinogenic risk standard at a hazard index of one across all exposure pathways.

Based on a review of the environmental record, ADEC has determined that residual contaminant concentrations do not pose a cumulative human health risk.

### Exposure Pathway Evaluation

Following investigation and cleanup at the site, exposure to the remaining contaminants was evaluated using ADEC's Exposure Tracking Model (ETM). Exposure pathways are the conduits by which contamination may reach human or ecological receptors. ETM results show all pathways to be one of the following: De-Minimis Exposure, Exposure Controlled, or Pathway Incomplete. A summary of this pathway evaluation is included in Table 2.

**Table 2 – Exposure Pathway Evaluation**

Pathway	Result	Explanation
Surface Soil Contact	De-Minimis Exposure	Contamination remains in the surface soils, but is below the most conservative (MTG) cleanup level.
Sub-Surface Soil Contact	De-Minimis Exposure	Contamination remains in the sub-surface soils, but is below the most conservative (MTG) cleanup level.
Inhalation – Outdoor Air	De-Minimis Exposure	Remaining contamination is below inhalation cleanup levels as well as MTG cleanup levels.

Inhalation – Indoor Air (vapor intrusion)	De-Minimis Exposure	Contamination remains in the sub-surface, but is below the most conservative (MTG) cleanup level. Additionally, contamination is not volatile.
Groundwater Ingestion	Pathway Incomplete	Groundwater contamination is not present.
Surface Water Ingestion	Pathway Incomplete	Surface water contamination is not present.
Wild and Farmed Foods Ingestion	Pathway Incomplete	This site is not located in an area that could be reasonably used for foraging activities.
Exposure to Ecological Receptors	Pathway Incomplete	No aquatic or terrestrial routes are present.

**Notes to Table 2:** “De-Minimis Exposure” means that in ADEC’s judgment receptors are unlikely to be affected by the minimal volume or concentration of remaining contamination. “Pathway Incomplete” means that in ADEC’s judgment contamination has no potential to contact receptors. “Exposure Controlled” means there is an administrative mechanism in place limiting land or groundwater use, or a physical barrier in place that deters contact with residual contamination.

### **ADEC Decision**

Remaining petroleum contamination in soil is below ADEC cleanup levels. This site will receive a “Closed” designation on the Contaminated Sites Database, subject to the following standard conditions.

### **Standard Conditions**

1. Any proposal to transport soil or groundwater off-site requires ADEC approval in accordance with 18 AAC 78.600(h). A “site” [as defined by 18 AAC 75.990 (115)] means an area that is contaminated, including areas contaminated by the migration of hazardous substances from a source area, regardless of property ownership.
2. Movement or use of contaminated material in a manner that results in a violation of 18 AAC 70 water quality standards is prohibited.

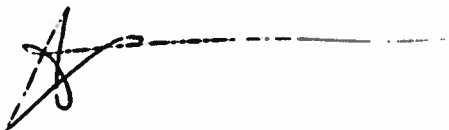
This determination is in accordance with 18 AAC 78.276(f) and does not preclude ADEC from requiring additional assessment and/or cleanup action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

### **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 99811-1800, 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 99811-1800, 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 feel free to contact me at (907) 269-7691

Sincerely,

A handwritten signature in black ink, appearing to be 'Joshua Barsis', followed by a horizontal line.

Joshua Barsis  
Environmental Program Specialist III

cc: Response Fund Administration (via email)