

Exposure Tracking Model - Evaluation Summary

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Site Information:

Site: Kasilof Riverview Lodge
 Source: usts
 Evaluation Date: 2/16/2018 1:12:45 PM
 Initial/Updated: Updated

Results Summary:

Human Health Exposure Category: Future Exposure
 Controlling Pathway(s): Groundwater Ingestion
 Score: 5

Ecological Site Exposure Category: Low Potential Exposure

Media of Concern: Subsurface Soil, Groundwater, Surface Water
 Other Site Concerns: None

Exposure Assessment:

Pathway	Exposure Categories	
	Initial Ranking 2/16/2007 10:31:56 AM	Updated Ranking 2/16/2018 1:21:47 PM
Direct Contact with Surface Soil:	Pathway Incomplete	Pathway Incomplete
Direct Contact with Subsurface Soil:	De Minimis Exposure	De Minimis Exposure
Outdoor Air Inhalation:	De Minimis Exposure	De Minimis Exposure
Groundwater Ingestion:	De Minimis Exposure	Future Exposure
Surface Water Ingestion:	Pathway Incomplete	Pathway Incomplete
Wild or Farmed Foods Ingestion:	Pathway Incomplete	Pathway Incomplete
Indoor Air Inhalation (Vapor Intrusion):	De Minimis Exposure	Pathway Incomplete
Other Human Health:	De Minimis Exposure	De Minimis Exposure
Ecological:	Low Potential Exposure	Low Potential Exposure

Initial Ranking Comments**Direct Contact With Subsurface Soil: (comments - page)**

Excavation removed the majority of contamination except for limited amounts directly below the USTs

Groundwater Ingestion: (comments - page)

Onsite well is upgradient and in a deeper confined aquifer. It is not affected by the shallow contaminated water. There are no downgradient receptors, except for the Kasilof River, to use the Gw as a DW source

Indoor Air Inhalation (Vapor Intrusion): (comments - page)

Remediation efforts removed majority of contamination. Only a limited amount remains. Buildings are upgradient of contamination and Gw flow direction

Munitions, Radiation, and Other Concerns: (comments - page)

If the contamination reached the Kasilof River, public concern would be high. Current monitoring data does not indicate contamination is reaching the Kasilof River

Updated Ranking Comments**Direct Contact With Subsurface Soil: (comments - page)**

Excavation removed the majority of contamination except for limited amounts directly below the USTs.

Outdoor Air Inhalation: (comments - page)

Active gas station. Subsurface contribution to outdoor air quality is negligible.

Groundwater Ingestion: (comments - page)

Onsite well is upgradient and in a deeper confined aquifer. It is not affected by the shallow contaminated water. There are no downgradient receptors, except for the Kasilof River, to use the GW as a DW source.

Indoor Air Inhalation (Vapor Intrusion): (comments - page)

Cleanup excavation removed the majority of soil contamination. Only a limited amount remains.

Munitions, Radiation, and Other Concerns: (comments - page)

If the GW contamination reached the Kasilof River, public concern would may be inadequate to determine if polluted GW is reaching the Kasilof River.