

## Horwath, Paul D (DEC)

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**From:** Hughey, Alyce M (DEC)  
**Sent:** Tuesday, January 13, 2009 1:17 PM  
**To:** Fritz, Donald G (DEC); Horwath, Paul D (DEC)  
**Subject:** Tatitlek Community & Tribal Buildings, ADEC File #2259.38.004, Hazard ID #2076

Good Afternoon Paul and Don,

The Tatitlek Community & Tribal Buildings site went from a score of 10 to 8 with still a Current Exposure. The last assessment was done in 2006 with DRO soil contamination of 89,600 mg/Kg, RRO soil contamination of 12,300 mg/Kg, and Benzene soil contamination of 0.0504 mg/Kg. No remedial actions have been done on the site. All the contamination still remains as far as we know. The last progress was the RP requested Brownsfield monies in November of 2006, which was not granted due to no funding available; however, John Carnahan did put them on the list to receive updates and announcements. In John's last e-mail to Don Seagren he stated, that the Brownsfield funding is pretty strapped and if a RP can provide the funding they should. There has been no further response from the RP.

Alyce

Exposure Tracking Model - Evaluation Summary

**Site Information:**

**Site:** Tatitlek Community & Tribal Buildings  
**Source:** Historical spills & leaking AST lines  
**Evaluation Date:** 1/13/2009 12:32:16 PM  
**Initial/Updated:** Updated

**Results Summary:**

**Human Health Exposure Category:** Current Exposure  
**Controlling Pathway(s):** Surface Soil  
**Score:** 8  
  
**Ecological Site Exposure Category:** Low Potential Exposure

**Potentially-Contaminated Media:** Surface Soil, Subsurface Soil, Surface Water, Groundwater  
**Other Site Concerns:** Free Product Observed

**Exposure Assessment:**

Pathway	Exposure Categories	
	Initial Ranking 4/10/2007 9:30:39 AM	Updated Ranking
Direct Contact with Surface Soil:	Current Exposure	Current Exposure
Direct Contact with Subsurface Soil:	High Potential Exposure	High Potential Exposure
Outdoor Air Inhalation:	High Potential Exposure	High Potential Exposure
Groundwater Ingestion:	Pathway Incomplete	Pathway Incomplete
Surface Water Ingestion:	Pathway Incomplete	Pathway Incomplete
Wild or Farmed Foods Ingestion:	High Potential Exposure	Pathway Incomplete
Indoor Air Inhalation (Vapor Intrusion):	High Potential Exposure	Low Potential Exposure
Other Human Health:	Pathway Incomplete	Pathway Incomplete
Ecological:	High Potential Exposure	Low Potential Exposure

**Initial Ranking Comments****Groundwater Ingestion: (comments - page)**

Shallow perched Gw on top of bedrock is of insufficient quantity and quality to be used as a dW source. the village obtains water from an upgradient surface water source

**Surface Water Ingestion: (comments - page)**

local surface water is bog ponds or salt water, both are not utilized as a dW source

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

Sheeving was observed in bog ponds. It was suspected that much of the sheeving is attributable to biogenic sources rather than petroleum hydrocarbons

**Updated Ranking Comments****Groundwater Ingestion: (comments - page)**

Shallow perched GW on top of bedrock is of insufficient quantity and quality to be used as a DW source. The village obtains water from an upgradient surface water source.

**Surface Water Ingestion: (comments - page)**

Local surface water is bog ponds or salt water, both are not utilized as a DW source.

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

Benzene was the only analyte detected in the soil, with concentrations of 0.0504 mg/Kg.

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

Sheeving was observed in bog ponds. It was suspected that much of the sheeving is attributable to biogenic sources rather than petroleum hydrocarbons.