2016 Decision Document
Cleanup Complete Determination for Six Sites at Fort Greely, Alaska
Site Summary – Fort Greely Building 663, Tank 448 (BRAC 111)

Site Identifiers

ADEC File Number: 141.26.003
ADEC Hazard ID: 25005
BRAC Site Number: 111

Site Description and Background

Building 663 is located on the southeast corner of Arctic Avenue and 1st Street. In 1978, a 700-gallon regulated underground storage tank (UST), UST 448, was installed to supply gasoline and later, diesel, to an emergency generator.

Characterization and Cleanup Activities

UST 448 was removed in 1995, and replaced with a 1,000-gallon regulated diesel UST (UST 448A). No contamination was found and confirmation sample results for gasoline and diesel range organics (GRO and DRO); benzene, toluene, ethylbenzene, and xylenes (BTEX); and lead, were all below cleanup levels. The GRO and BTEX samples were not properly preserved and the data was determined to be compromised. In 2006, UST 448A was removed. No contamination was encountered during the removal, and confirmation sample results for DRO and BTEX were below cleanup levels. In 2009, three additional samples were collected to verify the results of the 1995 samples that were not preserved correctly. Samples were analyzed for GRO, DRO, BTEX, polycyclic aromatic hydrocarbons (PAHs), and lead; all results were below cleanup levels.

Exposure Pathway Evaluation Table

Pathway	Result	Explanation
Surface Soil Contact	De-Minimis Exposure	Residual petroleum contamination at the site is below ingestion cleanup levels.
Sub-Surface Soil Contact	De-Minimis Exposure	Residual petroleum contamination at the site is below ingestion cleanup levels.
Inhalation – Outdoor Air	Pathway Incomplete	Residual petroleum contamination at the site is below inhalation cleanup levels.
Inhalation – Indoor Air (vapor intrusion)	Pathway Incomplete	Residual petroleum contamination at the site is below inhalation cleanup levels.
Groundwater Ingestion	Pathway Incomplete	Residual petroleum contamination at the site is below migration to groundwater cleanup levels. Depth to groundwater is approximately 180 feet.
Surface Water Ingestion	Pathway Incomplete	Residual petroleum contamination at the site is below migration to groundwater cleanup levels. Nearest surface water body is Jarvis Creek, 1 mile away.
Wild and Farmed Foods Ingestion	Pathway Incomplete	Residual petroleum contamination at the site is below migration to groundwater cleanup levels. Contaminants of concern are not bio accumulative.
Exposure to Ecological Receptors	Pathway Incomplete	Residual petroleum contamination at the site is below migration to groundwater cleanup levels. Contaminants of concern are not bio accumulative.