

**2016 Decision Document**  
**Cleanup Complete Determination for Six Sites at Fort Greely, Alaska**  
**Site Summary – Fort Greely Building 351/352, BRAC 76**

**Site Identifiers**

ADEC File Number: 141.38.078  
ADEC Hazard ID: 2671  
BRAC Site Number: 76

**Site Description and Background**

The Building 351/352 site is located within the fenced Roads and Grounds Yard south of East Post Road. A 100-gallon diesel fuel spill was reported in 1992 in front of Building 351 (originally reported at Building 352). Both buildings have been removed.



**Characterization and Cleanup Activities**

Approximately 75 cubic yards of petroleum contaminated soil was removed for treatment during initial response actions in 1992, however no sampling was conducted. In 1998, three soil borings were installed at the spill location. Samples were analyzed for gasoline and diesel range organics (GRO and DRO); benzene, toluene, ethylbenzene, and xylenes (BTEX); and polycyclic aromatic hydrocarbons (PAHs). Results from one soil boring contained DRO above the cleanup level. In 2010, the soil boring was relocated and 4 cubic yards of contaminated soil was removed and treated at the Fort Greely landfarm. Confirmation sample results were below cleanup levels for GRO, DRO, BTEX, and PAHs.

**Exposure Pathway Evaluation Table**

| <b>Pathway</b>                            | <b>Result</b>       | <b>Explanation</b>  |
|---|---------------------|---|
| 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.        |