

FACT SHEET

Forest Glen Annex Environmental Restoration Activities

FTGL-01 Building 500 Petroleum Release Site

Fort Detrick

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Site History

FTGL-01 is a petroleum (fuel oil) release site at the Forest Glen Annex located in the area of installation Building 500. When the release was initially discovered in 1988, there were 14 underground storage tanks (USTs) located in the vicinity of Building 500 and adjacent Motor Pool. In December 1992, a 12,000-gallon UST located near Building 500 was removed and approximately 5,000 gallons of free product were reportedly pumped from the excavation. Additionally, two 50,000-gallon USTs located near Building 500 were removed in January 1993 based on failed tank tightness testing. In order to capture liquid product floating on groundwater, and in coordination with the Maryland Department of the Environment (MDE), a bailing program was initiated in 1993, followed by a pump and treat system installed in 1994. The pump and treat system was shut off in 2002 after only limited quantities of fuel oil had been recovered. Since system shut off, a monthly monitoring program has been in place at FTGL-01 that includes well gauging and passive product recovery using absorbent material suspended in multiple groundwater monitoring wells. In addition, quarterly enhanced fluid recovery and groundwater sampling and analysis occurs at the site.

Planned Environmental Investigations

The Army is currently completing a Site Assessment at the FTGL-01 site. The Assessment is being performed as part of the Army's Installation Restoration Program and in accordance with the regulatory authority of MDE's Oil Control Program. The purpose of the Site Assessment is to fill in characterization data gaps. Activities include:

- Review available records
- Characterize the limits of liquid floating product on groundwater at the site.
- Characterize the extent of highly contaminated soils that may be a continuing source of liquid product at the site.
- Investigate potential contaminated vapor intrusion into buildings from subsurface petroleum contamination.

The results of the SA will be used to prepare a Corrective Action Plan that will detail the remedial procedures to protect the waters of the state and mitigate any unacceptable risk to on-site receptors.

For more information on ongoing environmental investigations at the Forest Glen Annex, please contact the Fort Detrick Public Affairs Office (see contact information at top of this fact sheet).

