

# FIRE TRAINING AREA NO.2

## FT-03

Joint Base Andrews

January 2018

### BACKGROUND

Fire Training Area Number 2 (FT-03) is located on the south-southwest portion of the airfield, and was used as a fire training area from 1959 to 1972. During fire training, flammable liquid waste including solvents, paint, oils, and lubricants were released into a bermed area at FT-03 and ignited. Protein foams and chlorobromomethane were used to extinguish the fires. An area adjacent to the bermed area was used to store flammable liquid wastes. Some landfill activity appears to have occurred near this general area in the late 1940s. Unconfirmed reports suggested that a small area adjacent to the bermed areas was used to bury several hundred five-gallon cans of unleaded gasoline. Test pits and an extensive magnetic survey in this area did not locate any of the containers. The 2003 Remedial Investigation (RI) for FT-03 had limited detections of contamination. A golf course now covers FT-03.

### CHALLENGES

The limited contamination at FT-03 does not justify a remedial action for this site, however monitoring will be required to ensure site-related risk is properly managed.

### PERFORMANCE-BASED APPROACH

A Remedial Action Work Plan and UFP-QAPP were submitted to regulators for review and a monitoring well network for long-term monitoring has been established. Municipal water is available for use at this site. If potable water is a necessary consideration for a residential scenario, a Focused Feasibility Study will be conducted for Land Use Controls and No Further Action alternatives, followed by a Record of Decision and long-term monitoring.

Groundwater monitoring for FT-03 has historically been combined contractually with investigative work at other sites within the Piscataway Creek watershed to streamline subsequent phases of the restoration process and reduce costs. In 2013, an Interim Remedial Action Completion Report (IRACR) was prepared to document remedy in place (RIP) and demonstrate that all necessary remedial actions taken are expected to achieve remedial action objectives (RAOs).

The EPA signed an IRACR (achievement of RIP) for FT-03 on 9 May 2013. The EPA accepted a 2013 Risk Evaluation Report that documented that the concentrations of site-related constituents are no longer a risk to potential residential receptors. No further sampling is scheduled for the site.

The USAF will pursue Site Closure, currently expected by 2018.



Figure 1: Designated FT-03 Area

### RISK DRIVERS

**Contaminants:** Neither VOCs, SVOCs, or metals have exceeded groundwater maximum contaminant levels (MCLs). Two VOCs – chloroform and vinyl chloride, and one SVOC – benzo(a)pyrene, had a minor exceedance of Risk-Based Concentrations.

**Impacted Media:** Groundwater

**Completed Exposure Pathways:** None

**Drainage:** Piscataway Creek

**Current Land Use/Surface Cover:** Recreational

**Reasonably Anticipated Land Use:** Recreational