
FIRE TRAINING AREA NO.2

FT-03

Joint Base Andrews

February 2013

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. Waste material including solvents, paint, oils, and lubricants were released into bermed areas and ignited. Protein foams and chlorobromomethane were used to extinguish the fires. An adjacent area was used to store flammable liquid wastes. Some landfill activity appears to have occurred near this 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. A golf course now covers FT-03. The Remedial Investigation (RI) in 2003 had limited detections of contamination.

CHALLENGES

Limited contamination does not justify a remedial action on this site, however monitoring will be required to ensure risk is properly managed.

PERFORMANCE-BASED APPROACH

The Remedial Action Work Plan

(RAWP) and UFP-QAPP has been submitted to regulators for review and the well network for long term monitoring has been placed. Municipal water is available for use at this site. If potable water is a necessary consideration for a residential scenario, a focused Feasibility Study (FS) will be conducted for Land Use Control and No Further Action alternatives, followed by a Record of Decision (ROD) and subsequent long-term monitoring.

Groundwater monitoring for FT-03 has been contractually combined with other sites within the Piscataway Creek watershed operable unit to streamline subsequent phases of the restoration process and reduce costs.



Figure 1: Designated FT-03 Area

In 2013 an Interim Remedial Action Completion Report (IRACR) will be prepared to document remedy in place (RIP) and demonstrate that all necessary remedial actions taken are expected to achieve remedial action objectives (RAOs).

RISK DRIVERS

Contaminants: Neither VOCs, SVOCs, or metals exceeded maximum contaminant levels (MCLs). Two VOCs – Chloroform and Vinyl Chloride, and one SVOC – benzo(a)pyrene, had a minor exceedance of the Risk Based Concentrations.

Impacted Media: Groundwater

Exposure Pathways Completed: None

Drainage: Piscataway Creek

Current Land Use/ Surface Cover: Recreational

Reasonably Anticipated Land Use: Recreational