

JP-4 SPILL SITE

SS-12

Joint Base Andrews

April 2022

BACKGROUND

Site SS-12 is located along the northeastern perimeter of Joint Base Andrews (JBA). In the fall of 1978, an estimated 1,000 gal of JP-4 fuel was spilled at the intersection of Route 4 and Dowerhouse Road. This spill was the result of a puncture in the pressurized JP-4 transfer line, which delivers jet fuel from Anacostia, Maryland to Andrews AFB. JP-4 saturated the surrounding soil and seeped into Cabin Creek South, which discharges to the east side of the Base. No cleanup of either contaminated soil or surface water was implemented. In 1990, four soil borings were drilled in the spill area. One soil sample from each of the five-foot deep borings was collected and analyzed for total petroleum hydrocarbons (TPH). In July 1996 Groundwater sampling was conducted during a Preliminary Assessment/Site Investigation (PA/SI) and soil boring samples were collected in March 2000. VOCs were not detected in the 1996 and 2000 sampling events. In 2003 surface water was sampled adjacent to the site and in 2005 the site was closed.

The past schedule for this site was:

Remedial Investigation (RI)	6/2000 (Complete)
Feasibility Study (FS)	6/2000 (Complete)
Proposed Plan (PP)	10/2005 (Complete)
Record of Decision (ROD)	10/2005 (Complete)
Remedial Design (RD)	N/A
Remedial Action-Construction (RA-C)	N/A
Remedy in Place (RIP)	6/2000 (Complete)
Remedial Action-Operation (RA-O)	N/A
Response Complete (RC)	10/2005 (Complete)
Site Closure (SC)	10/2005 (Complete)

CHALLENGES

No permanent structure or specific land uses other than the subsurface fuel line is associated with this site.



Figure: SS-12 Site Location Map

PERFORMANCE-BASED APPROACH

The site investigation has been completed and the site is closed; no further remedial action required. No land use restrictions.

RISK DRIVERS

Contaminants: None detected above action level

Impacted Media: None

Exposure Pathways Completed: None

Current Land Use/ Surface Cover: Commercial

Reasonably Anticipated Land Use: Commercial

Relative Risk: NR