

BRANDYWINE RECEIVER SITE

WP-16

Joint Base Andrews/Brandywine Receiver Facility

February 2013

BACKGROUND

The Brandywine Receiver Site (WP-16) serves the mission of Joint Base Andrews (JBA) and is located at a communication receiving facility approximately seven miles south-southeast of JBA in Brandywine, Maryland. The Receiver Facility is a 1,460-acre site and has been in operation since the 1970's. WP-16 was a former drum storage/waste accumulation point associated with a small building (Building 10). Building 10 served as a maintenance shop for lawn mowers and personal vehicles. Oil staining on the gravel and along the southern wall of Building 10 was observed in 1985, which resulted in opening the site for further investigations to determine the extent of contamination.

RISK DRIVERS

Contaminants: Potential VOCs, SVOCs, and petroleum constituents

Impacted Media: Minimal impacts to soil

Exposure Pathways Completed: No contamination above action levels

Drainage: Mattawoman Creek

Current Land Use/Surface Cover: Industrial

Reasonably Anticipated Land Use: Industrial

Relative Risk: No Unacceptable Risk

CHALLENGES

The Expanded Site Investigation (ESI) determined that no environmental impacts needed to be addressed at this site. Therefore, no additional challenges needed to be overcome.

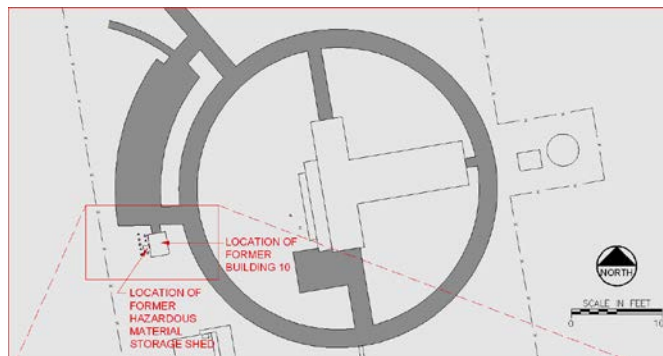


Figure 1: SS-11 Site Map

(Tetra Tech, 2007)

PERFORMANCE-BASED APPROACH

The ESI used the Environmental Protection Agency's (EPA) Triad management approach, which encouraged sampling decisions to be made in the field using pre-determined decision logic criteria. An on-site mobile laboratory provided real-time data from which the decisions were based. This approach provided a faster and more accurate conceptual site model for less cost than the traditional method of utilizing multiple mobilizations into the field and month-long turn around times from the laboratory. Ultimately, the Air Force, EPA, the Maryland Department of the Environment (MDE), and Prince George's County Health Department (PGCHD) concurred that No Further Response Action was necessary, so the site was closed in May 2007.

The past schedule for this site was:

Remedial Investigation (RI)	5/2007 (Complete)
Feasibility Study (FS)	N/A
Proposed Plan (PP)	N/A
Record of Decision (ROD)	5/2007 (Complete)
Remedial Design (RD)	N/A
Remedial Action-Construction (RA-C)	N/A
Remedy-In-Place (RIP)	N/A
Remedial Action-Operation (RA-O)	N/A
Response Complete (RC)	5/2007 (Complete)
Site Closure (SC)	5/2007 (Complete)