

DISPOSAL PITS (SOUTH RUNWAY)

AOC-27

Joint Base Andrews

January 2018

BACKGROUND

The Disposal Pits (AOC-27) were allegedly located south of the airfield and adjacent to Landfill 07 (LF-07). Wastes were placed in these pits during the late 1960s through early 1970s. The pits were described as having square sides 6 to 8 feet wide and 5 to 6 feet deep. One individual remembers the pits contained a dark, viscous liquid, and that they were filled in with dirt in the mid-1970s. Geophysics surveys based on this testimony, and subsequent test pits based on the surveys could not confirm the presence of these disposal pits. A Preliminary Assessment/Site Investigation (PA/SI) coordinated with the CERCLA Partners included trenching and sampling to determine whether this area requires further attention. Additional soil boring samples were collected near Disposal Pit #3 as a follow-on to the PA/SI. However, none of the soil samples warranted further investigation or remedial activities.

RISK DRIVERS

Contaminants: Grease, petroleum or other waste liquids may affect subsurface soils and groundwater. There is no surface evidence of these impacts. Subsurface samples were unable to verify the presence of contaminants.

Impacted Media: Soil and Groundwater

Exposure Pathways Completed: Maintenance workers on the golf course and ecological receptors in Piscataway Creek

Drainage: Piscataway Creek

Current Land Use/Surface Cover: Outdoor recreation, open space, and airfield operations

Reasonably Anticipated Land Use: Outdoor recreation, open space, and airfield operations

Relative Risk: No unacceptable risk

CHALLENGES

The lack of adequate information regarding the exact location of these disposal pits was the most significant challenge for this site. The potential location area for the pits covers a large expanse of land, so sampling points and trenches were based on the most likely location scenario.



Figure 1: AOC-27 Location Map (Source: URS, 2005)

PERFORMANCE-BASED APPROACH

Andrews has collaborated with regulators to investigate the existence of impacts from these alleged disposal pits. Sincere efforts were made to locate the pits and identify impacted soils. No impacts could be identified that substantiate sufficient risk to justify a remedial action and/or land use controls. Therefore no further investigation or a remedial action will mitigate any potential unquantified impacts from the alleged disposal pits at AOC-27.

The past schedule for this site was:

Preliminary Assessment (PA)	6/2005 (Complete)
Site Investigation (SI)	6/2005 (Complete)
Remedial Investigation (RI)	N/A
Feasibility Study (FS)	N/A
Proposed Plan (PP)	N/A
Record of Decision (ROD)	N/A
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)	9/2007 (Complete)
Site Closure (SC)	N/A