

UNDERGROUND STORAGE TANKS

ST-20

Joint Base Andrews

April 2022

BACKGROUND

ST-20 consisted of ten underground storage tanks (USTs) at seven buildings at various locations on Joint Base Andrews (JBA). The tanks were located at Buildings 1558, 1773, 3032, 3252, 3382, 4575, and 4686. All the aforementioned USTs had reportedly been leaking, therefore the tanks and the associated contaminated soils were excavated and disposed of off-site at an appropriate facility. The Maryland Department of the Environment (MDE) required additional follow-up response actions. Monitoring wells were installed and sampled at each site. Several ST-20 locations were co-located with other environmental restoration program (ERP) sites, such as ST-08, ST-10, and SS-13. As a result of the well sampling data, MDE closed all the individual cases associated with ST-20, and ST-20 was closed as a whole. One location (Building 1558) was re-sampled in 2001 because the MDE closure report could not be located. MDE issued a closure letter for Building 1558 in 2002.

CHALLENGES

The ST-20 investigations have been completed and MDE has closed all of the cases associated with ST-20.

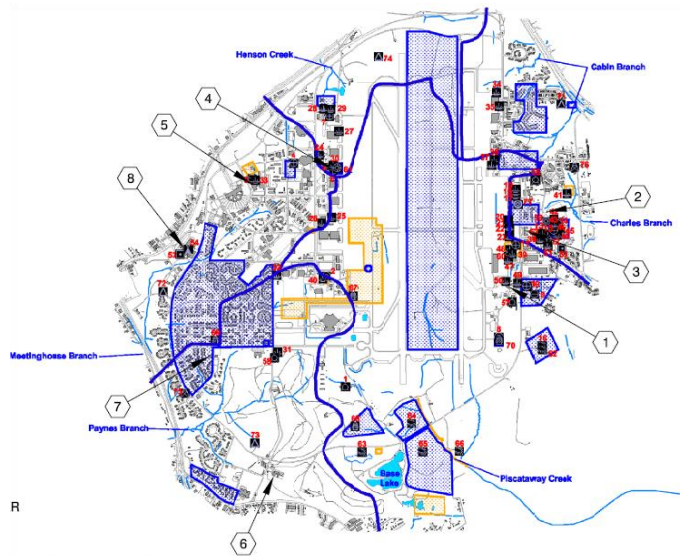


Figure: ST-20 included ten USTs at seven buildings on Andrews AFB

PERFORMANCE BASED APPROACH

The ST-20 investigations have been completed and MDE closed all of the cases associated with ST-20 in 2002.

RISK DRIVERS

Contaminants: Petroleum constituents

Media: Groundwater, subsurface soil

Exposure Pathways Completed: Construction workers exposed during excavation activities

Drainage: The six major watersheds on Joint Base Andrews

Current Land Use/Surface Cover: Industrial

Reasonably Anticipated Land Use: Industrial

Relative Risk: NR