



BERNIE CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Former DRMO Area and Piscataway Creek

Location: Joint Base Andrews, MD

Scope: Excavate surface soil contamination and sediments at the LF-06 DRMO area and in sections of Piscataway Creek; backfill and restore the areas disturbed areas

A Non-Time Critical Removal Action was conducted at Joint Base Andrews (JBA) to remove contaminated soil from outside the Landfill 06 (LF-06) footprint in the area of the former Defense Reutilization and Marketing Office (DRMO) and contaminated sediments in sections of Piscataway Creek adjacent to LF-06.

The scope of work for the former DRMO area included the implementation of erosion and sedimentation control measures consisting of fabric filter fence, straw wattles, and the construction of a sediment basin and berm covered with bird netting. The netting was required to mitigate water fowl from utilizing the sediment basin thus eliminating the concern for bird strikes on the runway.



Sedimentation Basin with Bird Netting

Construction mats were used to provide access for heavy equipment and trucks to the impacted areas since much of the area is water-saturated.

Approximately 18,500 tons of lead, TSCA, RCRA/TSCA, and non-hazardous soil were excavated from discreet areas in the former DRMO area. Confirmation sampling was completed and additional soil was removed as necessary. Once the areas were confirmed clean via sample results, the areas were backfilled and compacted with clean fill. The disturbed areas were restored with topsoil and then hydroseeded and mulched.



Creek Restoration

The work in Piscataway Creek included the installation of a creek bypass system consisting of multiple pumps, hoses, and earthen berms. As each area was dewatered, the impacted soil was removed and the area was sampled. Once sample results confirmed that the area was clean, imported gravel and cobble were replaced in the creek bed. Consecutive sections for the creek were addressed in this fashion advancing the bypass system until each section was completed. Approximately 2,000 tons of impacted soil was excavated from the Creek. The disturbed areas of the streambanks and sideslopes were restored by seeding and the placement of erosion control matting.