

# LANDFILL 6

## LF-06

Joint Base Andrews

February 2013

### BACKGROUND

Landfill 06 (LF-06) is located on the south side of the base and is approximately 11 acres in size. The site is immediately adjacent to the south end of the west runway. LF-06 operated from the 1950s to the 1960s as a disposal site primarily for construction debris and miscellaneous commercial and household waste. LF-06 drains towards Piscataway Creek, located immediately east of the site. The former Defense Reutilization and Marketing Office (DRMO) building located within the LF-06 site boundary, but outside of the landfill waste footprint, was demolished prior to site investigation activities. A skeet range was located northwest of this site until 2000. The Remedial Investigation (RI) was completed in May 2007. Supplemental RI groundwater characterization was completed in 2009 to fill data gaps. The results indicate that no leachate plumes are emanating from the landfill and no actionable risk is posed by the groundwater at LF-06. Subsurface soil risks to future potential residents were found within the landfill footprint at LF-06. At the former DRMO, risk drivers include surface soil containing furans, antimony, arsenic, lead and polychlorinated biphenyls (PCBs). At Piscataway Creek, ecological risk drivers include sediments containing lead and polycyclic aromatic hydrocarbons (PAHs).

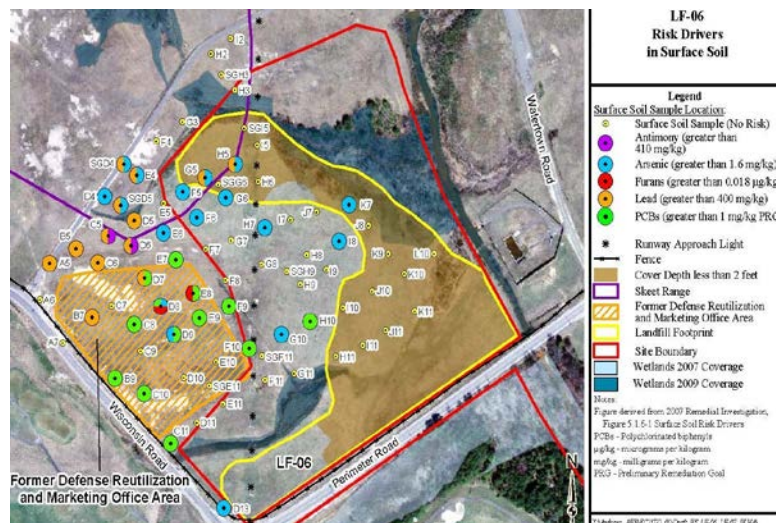
### CHALLENGES

Negotiations with the Maryland Department of the Environment (MDE) will be required to discuss landfill capping strategies. A remedial action will be required to mitigate the impacts of metals in Piscataway Creek. The negative effects to the stream banks and natural resources caused by the implementation of a remedy may be offset by wetland mitigation.

### PERFORMANCE-BASED APPROACH

A removal action is planned to be conducted in Summer 2013 to reduce PCBs and metals in the surface soils at the former DRMO area and to remove lead and PAHs at Piscataway Creek.

Currently, a Feasibility Study (FS) is being completed to identify and evaluate remedial action alternatives for the landfill. Several approaches are being evaluated including: landfill excavation and disposal, RCRA Subtitle B Cap, or a 2-foot soil cover. The remedy will be selected based on the technical and economic feasibility of implementation as well as its overall effectiveness.



LF-06 Site Map

### RISK DRIVERS

**Contaminants:** Pesticides, VOCs, PCBs and metals

**Impacted Media:** Soil

**Exposure Pathways Completed:** Human and Ecological

**Drainage:** Piscataway Creek

**Current Land Use/Surface Cover:** Industrial

**Reasonably Anticipated Land Use:** Industrial

**Relative Risk:** Medium