

**MD-24
Prince Georges County**

Site used as municipal waste dump in the 1930s.

Washington Suburban Sanitary Commission operated the site as sanitary landfill in 1961.

Washington National Capital Parks and Planning Commission purchased site in 1970.

Congressional report issued in 1979 on status of site.

JRB Associates wrote Hazardous Waste Site Assessment Report in 1982.

NUS Corporation completed Site Inspection in 1985.

Maryland Department of the Environment completed Draft Expanded Site Inspection in 1994.

**ANACOSTIA RIVER PARK
Colmar Manor, Maryland**

Site Location

The 100-acre Anacostia River Park is located in Colmar Manor in Prince George's County, Maryland. The site is bounded by the Anacostia River to the east, Dueling Creek to the west and south, and a residential area to the north.

Site History

The present park site was reportedly used by local residents as a municipal waste dump in the 1930s to 1940s. The site continued to be used as a landfill from approximately 1957 until 1970. Between 1961 and 1970, the Washington Suburban Sanitary Commission owned and operated the site as a sanitary landfill for residents of Prince George's and Montgomery Counties. The Maryland National Capital Parks and Planning Commission (NCPPC) purchased the site in 1970. NCPPC covered, compacted, and leveled the site in approximately 1984 to construct the present park. NCPPC also constructed a 1000-

foot slurry wall to isolate a former landfill in the western portion of the site and prevent contamination migrating off-site from this area.

Environmental Investigations

The 1979 Eckhardt congressional report detailing waste disposal practices of American industry reported that the site received undetermined quantities of base solutions, heavy metals, trace metals, and other organics. The 1982 JRB Associates Hazardous Waste Site Assessment Report documented grading and compacting operations of a landfill, presumably within the western portion of the site. The JRB Associates report recommended sampling a stream (Dueling Creek) in the southern portion of the site for metals. The 1985 NUS Corporation Site Inspection discussed sampling results from 10 surface water and 14 sediment samples which showed elevated levels of arsenic and iron. Organic and inorganic contaminants were found in the ponded water, leachate, and Dueling Creek. The Site Inspection toxicological evaluation concluded that polycyclic aromatic hydrocarbons and polychlorinated biphenyls might pose a hazard to human health.

The Maryland Department of the Environment (MDE) conducted an Expanded Site Inspection in 1994 to further characterize the actual and potential release of hazardous waste from the site by way of surface water and soil pathways. MDE collected 8 surface soil as well as 14 sediment and surface water samples. Elevated levels of iron (up to 75,600 mg/Kg) were detected in the soil samples. Organic contaminants identified in the sediment which exceeded background concentrations included 4,4'-DDD and 4,4'-DDT at 68 ug/Kg and 73 ug/Kg, respectively. Maximum concentrations of aluminum (1,650 ug/L) and iron (76,100 ug/L) were detected in the surface water samples. The 1997 toxicological evaluation concluded that the U.S. EPA's recommended noncarcinogenic risk for the child resident population is exceeded through incidental ingestion of iron in soil. The evaluation of sediment and surface water contaminant levels did not indicate increased risk to aquatic life or to human health for fish consumption.

Current Status

For the 1999 Cooperative Agreement with EPA, MDE is conducting a site survey of the Anacostia River Park. The Site Survey Initiative was proposed to reassess the status of those sites that were previously designated No Further Remedial Action Planned by EPA. This initiative is intended to determine if site conditions have remained stable, provide a current description of the site, and identify and address any new pathways for contamination. The initiative is also intended to determine whether the State should recommend further investigation by EPA, oversight by the State and no further investigation by EPA, or no further action be taken by EPA or the State and the State designate the site as a Formerly Investigated Site.

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