

**Stemmers Run Landfill
Cecil County, Maryland
(MD-451)**

Site Location

Stemmers Run Landfill is located at Stemmers Run Road, Cecil County. The approximate 10-acre site is located just south of the bridge where Stemmers Run Road crosses Pearce Creek.

Site History

The County Commissioners of Cecil County purchased the property in 1966. Prior to 1966, the property was owned by private landowners. The Maryland Department of the Environment (MDE) has no records regarding the land use of the site prior to 1966.

From 1967 until 1973, Cecil County utilized the property as a landfill. MDE records indicate that approximately 2,106 tons of waste was landfilled per year at this location. MDE records do not specify the type of waste. Cecil County continues to utilize the facility as a waste transfer station.

Environmental Investigations

In 1975, the Waste Management Administration collected an upstream and downstream surface sample near the Stemmers Run Landfill location. No adverse results were reported.

During the operations of the landfill, occasional landfill inspections were completed. The reports generally describe a "poorly run" landfill. Some reports specifically state that topography and groundwater problems make the Stemmers Run site unsuitable for a sanitary landfill.

In 1993, in response to an allegation that Galaxy Chemical buried butanol waste at the site, the MDE conducted a Preliminary Assessment. The results of the Preliminary Assessment indicate that the Stemmers Run Landfill posed a potential risk to neighboring wetland environments.

In 1994, MDE completed a Focused Site Inspection of the property. The Focused Site Inspection included the collection of soil, surface water, sediment samples and a sample from the on-site non-potable well. The results of the Focused Site Inspection indicated elevated levels of manganese, zinc and arsenic in many of the samples. A toxicological analysis of the sample results indicate that the levels did not pose a risk to human health and safety.

Based on the results of this investigation, the U.S. Environmental Protection Agency (EPA) gave the Stemmers Run Landfill No Further Remedial Action Planned status in 1994.

Current Status

Pursuant to the 1999 Cooperative Agreement with EPA, MDE is conducting a site survey of the Stemmers Run Landfill. The Site Survey Initiative was proposed to reassess the status of those sites that were previously designated No Further Remedial Action Planned by the 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 for the State to determine whether the State should recommend further investigation by the EPA, oversight by the State and no further investigation by the EPA, or no further action by taken by the EPA or the State and the State designate the site as a "Formerly Investigated Site."

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