



Mid-Atlantic Wood Preservers

What You Need to Know

Site Location

The approximately 3.17-acre Mid-Atlantic Wood Preservers, Inc. (MAWP) site is located in Harmans, Anne Arundel County, Maryland. The site is located in a mixed industrial and residential area and straddles Shipley Avenue. Drainage from the site enters Stoney Run Creek. Stoney Run Creek flows north through a wetland area approximately 600 feet west of the site, extending approximately 4 miles before discharging to the Patapsco River near Elkridge, Maryland.

Site History

Between 1974 and 1993, the site was occupied by a wood treatment facility operated by MAWP. Until MAWP ceased operations, the facility utilized a chromated copper arsenate (CCA) water-borne wood treating process.

Environmental Investigations and Actions

In 1978, water in a shallow residential well hydraulically downgradient of the MAWP facility was found to contain up to 19,500 µg/L chromium. In 1979, the State of Maryland determined that MAWP had discharged CCA into the soil and that the groundwater beneath the facility had become contaminated with chromium and arsenic. MAWP was required to remove contaminated soil, modify the product storage system to prevent overflows, and install a concrete drainage pad to collect CCA drippings. This work was completed by December 1980.

A 1983 Site Investigation conducted by the U.S. Environmental Protection Agency (EPA) indicated that the groundwater was still contaminated with arsenic and chromium. A public water supply was extended to properties in the area.

A Remedial Investigation and Feasibility Study (RI/FS) were then conducted. The RI reaffirmed the presence of elevated levels of arsenic in the on-site soil and slightly elevated levels of chromium in the groundwater. The concentration of arsenic in the groundwater had attenuated and was in compliance with health-based concentrations and regulatory standards.

The 1990 Record of Decision included excavation of contaminated soil and off-site disposal or consolidation of the material under an on-site asphalt cap, construction of an enlarged roof drip pad, monitoring, and institutional controls. The remedial action was completed in 1993. In February 1993, MAWP informed EPA that it was ceasing business operations and closing the facility. Gunther's Leasing Transport, agreeing to perform long-term monitoring and operation and maintenance activities, purchased the property in January 1994.

All response activities have been completed at the site. The site was deleted from the National Priorities List in 2000.



Maryland
Department of
the Environment

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Current Status/Planned or Potential Future Action

Operation and maintenance activities are ongoing.