

**Mid-Atlantic Wood Preservers, Inc.
Harmans, Maryland
Anne Arundel County
(MD-70)**

Site Location

The approximately 3.17-acre Mid-Atlantic Wood Preservers, Inc. (MAWP) site is located in Harman's 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, this facility utilized a chromated copper arsenate (CCA) water-borne wood treating process.

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. Subsequently, the Maryland Water Resources Administration (WRA) of the Department of Natural Resources identified MAWP as a user of chromium and a potential source of groundwater contamination.

In 1979, WRA 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 by WRA 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.

In 1986, MAWP, Inc. entered into a Consent Order and Agreement with EPA and the Department of Health and Mental Hygiene to perform a Remedial Investigation and Feasibility Study (RI/FS). 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.

In 1990, a Record of Decision was signed, which identified measures to be taken to address unacceptable risks to human health identified in the RI/FS process. In 1991, a Unilateral Order was issued which required MAWP to implement the selected remedy. The remedy, completed in August 1993, included excavation of contaminated soil and construction of an asphalt "cap," with long-term environmental monitoring to ensure effectiveness of the remedy.

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.

Current Status

Environmental monitoring has been performed according to the approved 1993 Work Plan. Monitoring and maintenance of the asphalt covering has been conducted with reports submitted to EPA on a biannual basis. The Five-Year Review, dated August 1998, affirmed that measures have been effective in eliminating threats to human health and the environment. All response activities have been completed at the site. In 1999, the Maryland Department of the Environment sent EPA a letter of concurrence on the deletion of the site from the National Priorities List.

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