

Cytec Industries, Inc.

**1 Heilman Avenue
Willow Island, WV 26134
Congressional District 1
EPA ID #: WVD004341491
Last Updated: 09/10/2009**

Current Progress at the Site

The Cytec Willow Island facility, in operation for approximately the past 50 years, is located on the banks of the Ohio River, approximately 15 miles north of Parkersburg, West Virginia. In 1986 EPA issued a Resource Conservation and Recovery Act (RCRA) Permit for Corrective Action (Corrective Action Permit) directing the company to proceed with site cleanup. Since 1986 EPA has issued three modifications to the permit documenting additional cleanup tasks. The requirements of the permit include:

- Sampling and Investigation at 11 Solid Waste Management Units (SWMUs);
- Structural stability study of a surface impoundment's earthen embankment and implementation of corrective measures if warranted;
- RCRA Facility Investigation (RFI), to provide more in-depth information about the SWMUs; and
- Corrective Measures Study (CMS) if warranted, to propose and implement final cleanup actions needed.

Three of the SWMUs, two landfills and a container storage area have been clean closed. Cleanup activities at two other landfills have been completed and these units are currently in a long-term monitoring phase. The structural stability study of the surface impoundment has been completed and concluded that the embankment is stable and no further action is required.

A Phase I RFI has been completed for two SWMUs, both landfills, and source stabilization measures at each SWMU have been implemented to minimize and manage the migration of constituents to groundwater. Additional sampling at the landfills was conducted in the summer of 2009 to complete the characterization task. These results will be available in the Fall/Winter of 2009.

Additional field investigation at the remaining SWMUs has resulted in interim remedial measures including excavation and long-term monitoring.

Site Description

Located in Willow Island, West Virginia, on the Ohio River, the Cytec Willow Island Manufacturing Facility has been in operation since 1947 as a multi-product, multi-process chemical plant. The facility has produced a variety of organic and inorganic chemicals. The facility covers nearly 1000 acres, 250 of which are used for operations that are divided into four business units. Major products are ultraviolet light stabilizers, antioxidants, anti-static agents, surface active agents, aliphatic isocyanates and precious metal reforming catalyst.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State. This investigation and any necessary cleanup activities are being implemented in accordance with a federal Corrective Action Permit.

Contaminants

Volatile organic compounds are the main constituents found in groundwater at the site. These compounds include benzene and solvents such as methanol and toluene. Two pump and treat ground water programs are in operation at the plant not only to contain the contaminants on-site, but also to reduce their concentration in the ground water.

Community Interaction

The Cytec Willow Island Facility borders the Ohio River and resides in Pleasants County, West Virginia. The nearest town to the site is Willow Island to the northwest. Other towns in the vicinity of the site include Eureka, Belmont, and St. Marys to the northeast. The facility's Corrective Action Permit and three subsequent modifications were made available for public review and comment at the time they were issued. Comments were received and incorporated into the original permit. No comments were received for the three subsequent modifications.

Institutional Controls

Institutional controls, if required, will be determined at the time of remedy selection.

Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contacts

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