

Region 3 GPRA Baseline RCRA Corrective Action Facility

Bayer Material Sciences (Formerly: Miles)

Route 2

New Martinsville, WV 26155

Congressional District 1

EPA ID#: WVD056866312

Last Updated: 12/30/2008

Current Progress at the Site

This facility is one of EPA Region III's high priority RCRA corrective action sites. Extensive progress has been made with the cleanup of the Bayer Corporation Site. This facility is approximately 48 years old and is located on the Ohio River, in New Martinsville, West Virginia. In 1987, EPA issued a RCRA corrective action permit to the company to proceed with site cleanup. EPA and the facility are working jointly to complete the requirements of the permit which include:

- Conducting a RCRA Facility Investigation (RFI) of 30 Solid Waste Management Units to determine the extent and nature of any contamination;
- Implement interim measures to stabilize known areas which pose a risk to human health or the environment;
- Conduct a groundwater study to determine if contaminated groundwater is leaving the site; and
- Conduct a Corrective Measures Study (CMS) to propose the final cleanup actions needed.

A final RFI report was submitted by Bayer in January 2000. EPA reviewed the Final RFI report and discussed a number of items with Bayer representatives. Based on discussions with EPA, Bayer submitted proposed revisions to the Final RFI report in February 2001. EPA has approved the Final RFI report. Bayer has completed a Corrective Measures Work Plan for the facility and submitted a draft Corrective Measures Study report in July 2006. The US EPA, the WV DEP, and the Army Corp of Engineers reviewed the Draft CMS and made comments. A meeting with Bayer and the Agencies was held in March, 2007 to discuss the comments. A revised Corrective Measures report was submitted by Bayer in May 2007. EPA/WVDEP commented on the revised Corrective Measures report. The final set of response to comments was received from Bayer in November 2007. The revised Corrective Measures report submitted by Bayer in May 2007 will be accepted as the final documents and the November 2007 response to comments from Bayer will be included as an attachment to the May 2007 report. In June 2008 EPA provided comments to Bayer on the most recent groundwater model. Bayer provided a revised Groundwater Modeling Report in December 2008.

Site Description

Located in New Martinsville, West Virginia, the Bayer Corporation Site encompasses approximately 194 acres. The facility was built in 1954 for production of toluene diisocyanate. Currently, the facility manufactures polymers and inorganic chemicals.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of the WVDEP with assistance from the EPA. The investigation and any necessary cleanup activities are being implemented in accordance with an EPA RCRA corrective action permit.

Contaminants

Contaminants that have been found in the soil and groundwater are 1,2 dichlorobenzene, bis(2-ethylhexyl) phthalate, phenol, 2,4-Dinitrotoluene, 2,4-Toluenediamine, aniline and nickel.

Community Interaction

The Bayer Corporation Site borders the Ohio River in an industrial development with several other facilities. The nearest community is located within one mile of the Bayer facility. Since 1987, the Bayer Corporation and EPA Region 3 have held public meetings to inform the community about progress of the cleanup. In addition, Bayer tests local residential wells and routinely meets with local residents to discuss the work being done at the plant.

Institutional Controls

Access to the property is controlled by a perimeter fence. To enter the site one must pass through a controlled check point that is manned by security guards.

Government Contacts

Mr. Keith Stuart
West Virginia Division of Environmental Protection
601 57th Street
Charleston, WV 25304
Phone: (304) 926-0499 ext. 1289
Email: kstuart@wvdep.org

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

EPA Project Manager
Mr. Bill Wentworth - 3LC20
U.S. Environmental Protection Agency - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3184
Email: wentworth.william@epa.gov

Facility Contact

Ms. Mary Ann Henderson
Manager, Environmental Control
Bayer Corporation
P.O. Box 500
New Martinsville, WV 26155
Phone: (304) 451-2431
Email: Maryann.Henderson@BayerPolymers.com