

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **MPM Silicones L.L.C. ( Formerly: GE Silicones L.L.C., Crompton Corp., CK Witco, Witco)**

**3500 South State Route 2  
Friendly, WV 26146  
Congressional District 1  
EPA ID #: WVD004325353  
Last Updated: 12/31/2008**

## **Current Progress at the Site**

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Extensive progress has been made with the cleanup of the OSI Specialties, Inc. Site. This facility is approximately 47 years old and is located, in Sisterville, West Virginia near the Ohio River.

In December 1990, EPA issued a RCRA corrective action permit to the company to proceed with site cleanup. The permit was modified in 1997 to incorporate interim measures that the facility was initiating to address areas of contamination. EPA and the facility worked jointly to complete the requirements of the permits which included:

- Conducting a Verification Investigation (VI) and RCRA Facility Investigation (RFI) to determine if any areas warranted any cleanup action;
- Preparing a Corrective Measures Study (CMS) to propose if final cleanup actions were needed;
- Implemented interim measures at Solid Waste Management Units including construction of a ten acre landfill cap, construction of a diversion ditch to capture runoff, stabilization of a wet weather stream bank, new fencing around disposal areas, periodic inspections of the cap, ditches and fencing with maintenance performed as needed, and removal of several buried drums;
- Conducting semi-annual groundwater monitoring for four years with quarterly monitoring of groundwater until levels are below MCLs for two consecutive quarters.

The facility has completed the required corrective action measures and continues to monitor groundwater. Additional monitoring wells have been installed at the request of the West Virginia Department of Environmental Protection. The interim measures that have been implemented at the facility during the Corrective Action Program have been effective. Therefore, EPA has proposed and selected, after Public Notice, the on-going Corrective Action Remedy as a final remedy for this facility. The monitoring requirements of this Corrective Action Remedy have been incorporated into the new WVDEP RCRA Permit.

## **Site Description**

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Located about six miles south of Sisterville, West Virginia, the OSI Specialities, Inc. site encompasses approximately 1300 acres with approximately 75 acres being the active facility. The facility produces organosilicones which in turn are used to produce polymers and silanes.

## **Site Responsibility**

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RCRA Corrective Action activities at this facility have been conducted under the direction of EPA Region 3 with assistance from the State. A new WVDEP RCRA permit has been completed that provides lead authority for Corrective Action to the State.

## **Contaminants**

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The main contaminants in the groundwater are Benzene, Monochlorobenzene, 1,2 Dichlorethylene, Toluene, and 1,1 Dichloroethane.

## **Community Interaction**

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The OSI Specialties, Inc. Site is located approximately six miles south of Sisterville, WV, along WV State Route #2 and approximately 1000 feet from the Ohio River. The nearest community is located within 2 miles of the facility.

EPA's final decision of Corrective Action Complete with Controls for the facility was provided in a July 2007 Public Notice.

## **Institutional Controls**

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Institutional Controls in the form of fencing and access control through a security check point prevent trespassers from entering the property.

## **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](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

## **Facility Contact**

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