

# **Union Carbide Corp. - PTO**

## **(A Subsidiary of The Dow Chemical Company)**

**31350 1<sup>st</sup> Avenue S**  
**Nitro, WV 25143**  
**Congressional District 2**  
**EPA ID #: WVD000739722**  
**Last Updated: 12/19/2008**

### **Current Progress at the Site**

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Union Carbide Corporation (UCC) entered into a Facility Lead agreement with EPA on December 15, 1999 for conducting corrective action at the PTO Facility. A groundwater and free-phase recovery system is currently in operation at the facility. This system is described in the Interim Measures Report submitted to EPA on August 1, 2000. The main areas of concern at PTO are two former clay-lined basins that are addressed by the recovery well system, and the former drum disposal areas. The RCRA Facility Investigation (RFI) Workplan and two supplemental work plans have been submitted and approved by EPA in 2001, 2003, and 2006. The work was implemented and the findings from the 2001 and 2003 work have been reported to EPA in RFI reports in 2002 and 2004. In 2007 and 2008, a Phase II RFI was completed and the report was submitted to USEPA in October 2008. In September 2008, a Sitewide Groundwater Monitoring Plan was submitted to the USEPA. Quarterly groundwater monitoring was completed in September and December 2008.

Additional interim measures were performed in 2002 in order to meet the Environmental Indicator (EI) for Human Health. Additional fencing was installed around the facility in order to keep trespassers off the property. This was the final action necessary at the facility to meet the Human Health EI, which was recorded on September 19, 2002. In 2005, additional interim measures were conducted to stabilize an area of the site where subsidence was occurring and to prevent migration of contaminants into Ryan's Branch. In August 2005, UCC submitted the Groundwater (EI) to USEPA in and it was approved by USEPA in September 2005. Sitewide interim measures were evaluated in 2008 and additional data were collected to support interim measures evaluation, design, and implementation. Beginning in August 2008, an interim measure was conducted near SWMU 5 to address soil contamination. In December 2008, a design was prepared for an interim measure in the Ryan's Branch area. Implementation of the interim measure is planned in 2009.

### **Site Description**

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The PTO Facility was used for cleaning tank trucks from 1975 to 1985. Prior to that operation, the facility was used for the disposal of various wastes from West Virginia UCC operations. The RFI Workplan described thirteen (13) Solid Waste Management Units (SWMUs) within the approximately forty (40) acre site.

## **Site Responsibility**

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RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

## **Contaminants**

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Based on available information there are no known imminent threats to human health or the environment at the PTO Facility. The main contaminants of concern are poly-chlorinated biphenyls (PCBs), polynuclear aromatic hydrocarbons (PAHs), bis(2-ethylhexyl)phthalate, carbon tetrachloride, benzene and trichloroethene.

## **Community Interaction**

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A Community Relations Plan was submitted to EPA on February 28, 2001. In accordance with that plan, UCC sent letters to nearby residents informing them of site activities and asking them to complete a Community Survey Questionnaire. In July 2008, UCC again sent letters to nearby residents updating them of site activities and asking them to complete a Community Survey Questionnaire.

## **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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