

Great Lakes Chemicals Company (Formerly: FMC Corporation)

200 Pickens Road
Nitro, WV 25143
Congressional District 2
EPA ID #: WVD005005087
Last Updated: 12/30/2008

Current Progress at the Site

The inactive Nitro, WV facility is over 60 years old and is located on the banks of the Kanawha River, within ten miles of Charleston, WV. EPA has reviewed the Corrective Action Stabilization Questionnaire and the Preliminary Review, prepared by WV Division of Environmental Protection (WVDEP), that identified over twenty-five Solid Waste Management Units (SWMUs) at the site. WVDEP and EPA combined resources to complete RCRA closure of one of these SWMUs, the RCRA permitted container storage area. Under the WVDEP state order, the facility determined the extent of contamination at the unit and in impacted soils at that SWMU. In June 1999, the WVDEP released the facility from the financial responsibility requirements for closure of the RCRA storage area. In September 2003, the facility completed the environmental indicator determination that shows control of the human exposures to site contaminants. The remaining SWMUs require additional environmental investigation to determine the extent of control of exposures to contaminant releases to groundwater.

In May 2002, EPA and the facility entered into a final corrective action administrative order under RCRA to complete the environmental investigation of the entire facility. EPA and the State will pursue characterization of onsite contamination and remediation of the remaining SWMUs and remediation of any releases of contaminants as appropriate. Effective May 6, 2003, EPA approved the Description of Current Conditions Report contingent upon the facility presenting additional information as itemized in the EPA letter. The DCC report established an environmental baseline to begin investigation and remedial actions as necessary. EPA approved the Phase I RFI Work Plan in March 2005. FMC completed field work and submitted a Phase I RFI Data Report in October 2005. Based on the results of the Phase I investigation a Phase II work plan was developed by FMC and field work for Phase II was completed during the summer of 2006. A Phase II RFI Report was submitted to EPA in April 2007. EPA/WVDEP commented on the report and FMC has discussed the comments with the Agencies and provided a written response to the comments in September 2008. FMC also provided a Sediment Sampling and Analysis Plan to EPA in October 2008. These documents are currently under EPA/WVDEP review.

Site Description

Located in Kanawha Valley, WV, FMC manufactured various commercial phosphorous-based organic and inorganic chemical intermediates from its chemical processes. The RCRA regulated container storage area was permitted by the State of West Virginia in 1984 and taken out of service in 1994. As a part of the environmental investigation for full closure of the RCRA unit, metals were detected in the sump associated with the RCRA regulated storage area. In 1999, the

facility received state closure of the RCRA solid waste management unit. The facility closed its operations in 2001. Prior to closing, the facility generated hazardous waste, but managed its waste offsite in less than 90 days at closure. No permit is required for this practice.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 and WVDEP.

Contaminants

The facility investigation of the RCRA regulated SWMU storage area has determined that the ground water is protected from arsenic contaminant migrating from the soil above, and the lead concentrations were below the EPA screening levels. The remaining SWMUs are being evaluated under the administrative order RFI Work Plan for any additional contaminants.

Community Interaction

An FMC Community Relations Plan (CRP) was approved by EPA as part of the Phase I RFI Work Plan. FMC provided EPA with the contact information for the CRP in April 2005.

Institutional Controls

Access to the facility is controlled by a perimeter fence and a locked gate.

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 Contact

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