

Region 3 GPRA Baseline RCRA Corrective Action Facility

INDSPEC Chemical Corporation (Beazer/INDSPEC Properties)

**Route 268 Main Street
Petrolia, PA 16050
Congressional District 21
EPA ID #: PAD004336731
Last Updated: 06/09/2008**

Current Progress at the Site

This facility is one of EPA Region III's priority RCRA corrective action sites. Beazer East, Inc. (Beazer) and INDSPEC Chemical Corporation (INDSPEC) are jointly conducting RCRA Corrective Action activities at the facility at this time in accordance with EPA Region III's RCRA corrective action Facility Lead Program. These activities are also targeted to be consistent with the requirements of Pennsylvania's Land Recycling and Environmental Standards Act (Act 2). A 2003 Consent Order and Agreement between PADEP and Beazer provides that a public water supply be constructed to provide water to a sixty square mile area (known as the Bear Creek Chemical Site) which includes the facility. The construction of this system is nearing completion.

A significant number of environmental investigations and actions have been undertaken at the facility since the late 1980's. These actions include the construction and operation of a groundwater collection and treatment system to intercept shallow groundwater and convey the groundwater to an on-site plant for treatment, paving within the area of plant operations, connection of plant sanitary sewers to a public sewer system, construction of a first flush stormwater collection system, replacement/lining of storm sewer piping, construction of a treatment system to reduce the discharge of plant related constituents to Bear Creek and measures to address a former lagoon. Surface water in Bear Creek has been monitored on a monthly basis since 1981. Wells have been installed at the facility to provide for groundwater monitoring.

Beazer and INDSPEC initiated a Site Characterization in May 2004 to help identify any additional actions which may be necessary at the facility to meet RCRA Corrective Action and PA Act 2 requirements. Additional Site Characterization work has included further soil, groundwater and surface water sampling, as well as investigations to determine the source of free phase material which has been observed in Bear Creek. Ongoing interim remedial measures include the collection of any observed free phase material.

Site Description

The facility is located in Petrolia Borough, Butler County, Pennsylvania. The facility is comprised of two attached tracts of land, Tract 1 and Tract 2. Tract 1 is an unimproved parcel of approximately 56 acres owned by Beazer. Tract 2, owned by INDSPEC, occupies approximately 263 acres. Due to this ownership status, the facility has also been referred to as the "Beazer/INDSPEC Properties". Tract 2 includes the INDSPEC Chemical Corporation plant, the site of a resorcinol manufacturing operation. Resorcinol is a chemical used primarily as an

adhesive to bond rubber to steel belts/cords in the manufacturing of tires and is also used in the pharmaceutical industry. The previous owner/operator of the facility was the Koppers Company, Inc., which was subsequently purchased by Beazer East, Inc. Manufacturing operations started on the property in approximately 1929.

Contaminants

Based on available information, detected contaminants include resorcinol and intermediate compounds associated with the production of resorcinol.

Site Responsibility

Corrective Action activities at this facility are being conducted by Beazer and INDSPEC under the direction of EPA Region 3 with the assistance of the Commonwealth of Pennsylvania. These activities are also intended to meet the requirements of Pennsylvania's Land Recycling and Environmental Standards Act (Act 2).

Community Involvement

Community involvement activities to date are being conducted as needed by PADEP under the Hazardous Site Control Act (HSCA) program.

Institutional Controls

No institutional controls are known to have been implemented to address environmental conditions at the facility.

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

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