

**Region 3 GPRA Baseline RCRA Corrective Action Facility****Honeywell-Hopewell (Formerly: Allied Signal)**

Route 10 & Industrial Street  
Hopewell, VA 23860  
Congressional District 4  
EPA ID #: VAD065385296  
Last Updated 01/04/2006

**Current Progress at the Site**

Honeywell, (previously Allied-Signal Inc.) owns and operates an industrial chemical and fertilizer manufacturing facility in Hopewell, Virginia. This facility is located approximately 1 mile southeast of the confluence of the James and Appomattox Rivers.

In August 1989, EPA issued a RCRA Administrative Order on Consent (Consent Order) directing Allied to proceed with investigation and site cleanup. The requirements of the order include:

- Interim Measures (short-term actions) to achieve the initial goal of controlling ground water releases and controlling current human and ecological exposure to contaminated media;
- RCRA Facility Investigation (RFI) to provide more in-depth information about potentially contaminated sites and areas of concern within the facility; and,
- Corrective Measures Study (CMS) if warranted, to propose the final cleanup actions.

A total of 37 Solid Waste Management Units (SWMUs) were identified in the RCRA Facility Assessment Report. Of these, 14 SWMUs were identified as requiring further evaluation during the RFI. The 14 SWMUs have been grouped into four study areas. Honeywell has completed a Phase I and Phase II RFI for the four study areas. Based on the RFI results EPA has requested additional sampling to fill in data gaps and confirm the potential release of hazardous constituents. The additional field investigation was conducted during the Fall of 2004 and the results are currently under review by EPA. The next step in the process will be the development of a CMS for any areas requiring cleanup.

**Site Description**

The Honeywell facility in Hopewell, Virginia, manufactures industrial chemicals and fertilizers in a number of production areas at the facility. The primary product of the Honeywell facility is caprolactam, which is the raw material for the manufacture of Nylon. Caprolactam is produced from phenol and results in the byproduct production of adipic acid and ammonium sulfate.

The facility is bounded on the east by the James River and on the north by Poythress Run. Gravelly Run crosses the southern portion of the property. Both Poythress and Gravelly Runs are tributaries to the James River. Bailey Creek, located to the southeast of the Honeywell facility, is another tributary to the James River. The surrounding area is industrial with some residential areas to the north, south, and west of the plant.

A portion of the Honeywell Hopewell facility (Study Area 4) has been converted to a wildlife habitat

area and has been certified by the Wildlife Habitat Counsel. Honeywell Hopewell has maintained this certification since 1995.

## **Site Responsibility**

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RCRA Corrective Action activities at the Honeywell, Hopewell facility are being conducted under an EPA Region III 3008(h) Administrative Order on Consent.

## **Contaminants**

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Inorganic and volatile organic compounds are the main constituents of concern found in groundwater and soils at the site.

## **Community Interaction**

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The surrounding area is industrial with some residential areas to the north, south, and west of the plant. Plans documenting EPA's preferred cleanup alternatives will be made available, when finalized, for members of the community to review and comment.

## **Institutional Controls**

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Institutional Controls, if required, will be determined at the time of remedy selection.

## **Government Contacts**

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For more information about EPA's correction action webpage, including Environmental Indicators, please visit our site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)