

Region 3 GPRA Baseline RCRA Corrective Action Facility

BAE Systems (United Defense)

**P.O. Box 15512
York, PA 17405-1512
Congressional District 19
EPA ID #: PAD003025418
Last Updated: 12/17/2008**

Current Progress at the Site

BAE Systems (BAE) is in the process of reevaluating their West Warehouse groundwater collection/treatment system. EPA will monitor the progress of the reevaluation to ensure that human health and the environment continue to be protected from contamination from BAE.

In May 2008, BAE Systems (BAE) submitted the 2007-08 Annual Operation and Maintenance Report, which shows that both the West Warehouse and Eastern Property Boundary groundwater treatment systems are successfully removing volatile organic compounds (VOCs) and effectively preventing off-site migration of contaminants.

Site Description

BAE Systems Land and Armaments L.P., formerly United Defense and formerly the BMY Division of the HARSCO Corporation, is located approximately 5 miles southwest of the City of York, PA. On July 22, 2005 the Facility informed EPA that on June 24, 2005, BAE completed the purchase of United Defense Industries, Inc. "BAE Systems Land and Armaments L.P. carries on the same business with the same management structure, the same employees, and the same assets and facilities as before." BAE is a manufacturing plant which produces armored defense vehicles for the U.S. Department of Defense.

The primary hazardous wastes at the site include waste solvents, waste paint and thinner, and metal hydroxide sludge. The process generates chromium waste water and acids. Most of this waste is processed on-site at the Wastewater Treatment plant.

Site Responsibility

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

Contaminants

Contaminated soils have been removed or remediated. The existing groundwater pump-and-treat systems at the east and west ends of the site are successfully removing contamination and keeping contaminated groundwater on-site. At present, the groundwater remains contaminated with low levels of PCE and TCE.

As of December 1, 2005, waste codes F019 and D007 are no longer used by the facility due to their discontinuation of the chromate chemical conversion process.

Community Interaction

EPA issued a Statement of Basis (SB) on April 15, 2005. The SB provided information gathered during the environmental investigations of the Facility, described the completed clean-up actions, and explained EPA's proposal for the final remedy at the Facility. The public comment period began April 15, 2005 and ended May 30, 2005. The public comment period was announced in the York Daily Record on April 15, 2005. The Final Decision and Response to Comments (Final Decision) were issued by the EPA in July 2005. The purpose of this Final Decision is to describe the Final Remedy selected by EPA at the Facility. This Final Decision presents the concerns and issues raised during the public comment period that followed the issuance of EPA's Statement of Basis for a Proposed Remedy at the Facility. This Final Decision also responds to all comments received by EPA regarding the Proposed Remedy. Modification of Permit under the authority of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act ("RCRA") of 1976, and the Hazardous and Solid Waste Amendments ("HSWA") of 1984, 42 U.S.C. §§ 6901 to 6992k was issued simultaneously with the Final Decision on March 6, 2006. In both documents, EPA is requiring BAE to implement the final remedy for the Facility. PADEP Hazardous Waste Post Closure permit was finalized on September 13, 2006.

Institutional Controls

BAE will continue to treat groundwater to address VOC contamination by two separate groundwater remediation systems. The West Warehouse Area and the Eastern Property Boundary Area systems are collecting contaminated groundwater, removing the VOCs with an air stripping tower, and discharging the treated effluent to a storm water channel. Also, onsite groundwater is not currently used as a drinking water source and the Facility has no plans for such future use. To provide additional protection the proposed remedy includes institutional controls to prohibit the development of on-site wells for drinking water or other domestic uses at the site. The institutional controls will be effective as long as necessary to prevent exposure while the plume is being remediated.

Government Contact

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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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