

Region 3 GPRA Baseline RCRA Corrective Action Facility

CSX Transportation, Inc. (Formerly: Beazer East)

4005 Charles City Road
Richmond, Virginia 23231
Congressional District 3
EPA ID #: VAD003121977
Last Updated: 7/22/09

Current Progress at the Site

This former wood treating site is located in the eastern part of Henrico County, Virginia, approximately 2.5 miles east of the city of Richmond, Virginia.

In April 1991, EPA issued a RCRA administrative order directing the company to proceed with site investigation and cleanup activities. EPA and the facility are working jointly to complete the requirements of the order, which include:

- Conduct a RCRA Facility Investigation (RFI) of all spills and releases of hazardous waste or hazardous constituents to provide more in-depth information, and to evaluate remedial technologies that may be effective for cleaning up contaminated areas at the facility;
- Complete Interim Measures (short-term actions) to address contaminated soils, sediments, surface or groundwater that may have been impacted by a release of hazardous waste or hazardous constituents;
- Complete a Corrective Measures Study (CMS) to propose final cleanup actions needed for the facility.

The RFI has been completed for this facility, including the completion of an ecological assessment and a human health risk assessment. The facility also submitted land use information to confirm and document plans for the area to be used for commercial and industrial redevelopment purposes. Offsite sampling of surface water and sediments was completed in a stormwater basin and in the headwaters of Cornelius Creek situated south of the site between late 1999 and 2000. A Draft Ecological Risk Assessment was submitted to EPA in September 2000 which described the proposed approach for completing all ecological assessment activities for the site. A Draft CMS Report and a revised Draft Ecological Risk Assessment Report were submitted in March 2001. A Wetlands Delineation Report was submitted in October 2002. A revised Baseline Ecological Risk Assessment Report was submitted in May 2004, and finalized by addressing EPA's review comments in January 2005.

EPA and VADEQ provided feedback and comments on the Draft CMS Report to the facility in March 2006. EPA met with the facility and VADEQ representatives in May

2006 to discuss the preferred approach to remediating the site and CSX's plans for redevelopment and reuse of the site. A schedule and strategy for revising the Draft CMS Report was agreed upon and two interim measures were proposed to address site security and offsite transport of impacted sediment. Site-wide groundwater sampling was completed in 2006 and 2007 to provide updated information on the contaminant plume dimensions, and to support the evaluation of containment measures as part of a final remedy. Interim measures work (security fencing and sediment trap) was completed at the site in 2007, and revised risk screening action levels and remedial goals were submitted for EPA's review in May 2007. EPA and VADEQ received a revised CMS Report in 2008 and a Building Demolition Work Plan in April 2009. The CMS Report was finalized in June, and a Statement of Basis describing the proposed final remedy for the site will be released for public comment on July 29, 2009. EPA and VADEQ expect to issue a Final Decision document describing the final cleanup plans for the site in September 2009.

Site Description

The CSXT facility covers approximately 52 acres, and is located adjacent to the Eastport Industrial Park on Charles City Road in Richmond, Virginia. The site is currently an unused former industrial facility which is bordered by a closed Browning Ferris Industries (BFI) landfill to the immediate west, the CSX railroad to the south, and mixed agricultural and light industrial uses (including one occupied residence) to the north along Charles City Road. Between 1949 and 1983, Koppers operated a wood treatment facility on the property that produced creosote-treated railroad ties. The site contains eight buildings, a pond, and a closed surface impoundment for which groundwater monitoring is conducted pursuant to the requirements of a Post Closure Care Permit issued by the Virginia Department of Environmental Quality. Operations at the site ceased in the summer of 1983.

Site Responsibility

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

Contaminants

The main contaminants in the soil, sediment, surface water and groundwater are phenols such as pentachlorophenol, polynuclear aromatic hydrocarbons (PAHs) such as benzo(a)pyrene, and volatile organics such as xylene.

Community Interaction

The CSX Transportation, Incorporated Site is located in an industrial/commercial development with a closed landfill to the west, CSX railroad and right-of-way to the

south, Charles City Road to the north, and the Eastport Industrial Park to the east. The Richmond Interport Industrial Park is also situated to the north and east of the facility. To date, there has been little interest expressed in this site by the local community.

Government Contact

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For more information about EPA's corrective action web page, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm