



# U. S. Environmental Protection Agency

## KERR-McGEE CHEMICAL CORP.

### Navassa, Brunswick County, North Carolina

May 2010

If you have questions or comments about the Site, please contact EPA by phone at the numbers listed below:

#### Contact Info:

**Erik Spalvins**  
Remedial Project Manager  
(404) 562-8938  
[spalvins.erik@epa.gov](mailto:spalvins.erik@epa.gov)

**Tonya James**  
Community Involvement  
Coordinator  
(404) 562-8633  
[james.tonya@epa.gov](mailto:james.tonya@epa.gov)

You can also mail your questions or comments to either contact shown above at the following address:

**U.S. EPA**  
61 Forsyth St.  
Atlanta, GA 30303  
Toll Free: 1-877-718-3752

If you would like to be placed on the EPA's mailing list to receive updates about the site, please see the back of this fact sheet. Provide the requested information, fold the form, and return it to EPA at the address provided. Or if you prefer, do not hesitate to call the contacts above.

**Site Background:** The Kerr-McGee Chemical Corp. site is located in Navassa, North Carolina. The site is bounded on the north by North Navassa Road, on the east by the Brunswick River and to the south by Sturgeon Creek. The approximately 300-acre site was used as a creosote-based wood treating facility from the mid-1930s until 1974. Creosote storage and application occurred in the southwest portion of the site. The creosote treatment process generated wastewater which was discharged into wastewater ponds on site. Kerr-McGee dismantled the site in 1980, removing plant equipment, buildings, and tanks. The wastewater ponds were emptied and the remaining sludge was mixed with clean soil and seeded.

**Threats and Contaminants:** Creosote compounds have been detected in soil and ground water on site and in the sediments of the marsh adjacent to the site.

**Site Cleanup Plan:** The North Carolina Department of Environment and Natural Resources (NCDENR) conducted a Site Investigation (SI) in 1988. The SI was followed by a Site Inspection Prioritization in 1995. In 2003, the NCDENR asked EPA to evaluate the site. Kerr-McGee entered into an enforcement agreement with the EPA and Kerr-McGee completed an Expanded Site Investigation in 2005. Kerr-McGee began a Remedial Investigation (RI) in 2006.

Kerr-McGee created a company called Tronox that became independent in March 2006. Tronox assumed responsibility for the cleanup in Navassa. Tronox was unable to adequately fund its ongoing business operations or the cleanup and filed for Chapter 11 bankruptcy protection in January 2009.

EPA issued a partial work takeover notice on March 8, 2010, stating that EPA would conduct some of the sampling needed to complete the RI.

The information from the RI will be used to conduct a Feasibility Study, which evaluates the options for cleanup. Once the Feasibility Study is completed, a Proposed Plan will be written which will present the cleanup strategy chosen by EPA and the rationale for the preference. Public review and comment will be solicited on the alternatives under consideration. After public comment, a cleanup strategy will be documented in a Record of Decision (ROD). A ROD provides the justification for the cleanup action chosen at a Superfund site. The site was listed on the National Priorities List (NPL) on April 5, 2010.

**Cleanup Progress:** Site cleanup activities by the responsible party – Tronox, LLC. – have ceased with the Tronox bankruptcy. EPA will conduct some of the sampling needed to complete the RI.

**Future Work:** Information from the Remedial Investigation is being used to perform a Feasibility Study, which evaluates the options for cleanup. Once the Feasibility Study is completed, a Proposed Plan will be written which will present the cleanup strategy chosen by EPA and its justification.

## Mailing List Additions/Corrections

If you would like your name and address added to the mailing list for the Kerr-McGee Chem. Corp. Superfund Site in Navassa, NC, please complete this form and return it to:

Tonya James  
U.S. EPA - Region 4  
61 Forsyth Street, S.W.  
Atlanta, Georgia 30303

**NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION 4  
ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, S.W.  
ATLANTA, GA 30303-8960  
ATTN: Tonya James – 11<sup>th</sup> Floor  
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