



United States
Environmental Protection Agency

Cabot/Koppers Superfund Site Cleanup Update

Cabot /Koppers Superfund Site

Gainesville, Florida

June 2010

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Background Information

The Cabot/Koppers Superfund site covers 140 acres bridging two properties. It is comprised of two sites: the Koppers portion covering 90 acres on the western side, and the Cabot Carbon portion covering 50 acres on the eastern side. A wood-treating plant operated on the Koppers portion of the site, currently operated by Koppers Industries, was active from 1916 until its closure in December 2009. The Koppers portion was most recently operated by Koppers, Inc. Beazer East, Inc. (Beazer East) is the "potentially responsible party" (PRP) for the Koppers portion of the site. Cabot Corporation is the PRP for the Cabot Carbon portion.

Recent off-Site soil sampling in the public right-of-way areas of the Stephen Foster neighborhood showed soil concentrations that are below U.S. EPA's allowable soil contaminant concentrations (referred to as preliminary remediation goals or PRGs) but that exceeded certain default values associated with the State of Florida's risk-based corrective action (RBCA) standards adopted in 2003 for Site contaminant

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence (TCDD-TEQ). Beazer East is required to delineate and characterize Site contaminant soil concentrations to the default soil cleanup target levels (SCTLs) for these Site-related contaminants. As a consequence of this characterization effort, AMEC Environmental, with Alachua County Environmental Protection Department (ACEPD) and EPA oversight, will be conducting soil sampling in some residential yards in the Stephen Foster neighborhood. Prior to entering a private residential yard, EPA will obtain a signed property access agreement from the property owner. Certified mail will be sent to private property owners in advance of sampling seeking access to their property to collect samples.

The soil sampling plan that is being implemented inside and outside of the Stephen Foster Neighborhood is included with this Site Fact Sheet (FDEP Plan). This Plan is being conducted in accordance with a November 17, 2009, Florida Department of Environmental Protection sampling plan dated in which FDEP outlined acceptable approaches for expediting soil characterization for determining off-Site residential areas where excavation may need to be undertaken. This mailing includes the following: The FDEP plan; previous results of soil sampling; and a set of commonly asked questions and their answers.

Expected Actions After Soil Sampling Is Completed

After receiving the soil sampling data, EPA will make them available to the public.

These data, along with site-specific considerations, will determine which portions of the neighborhood may need to be included as part of the remedial design (RD) for the Koppers portion of the Cabot Carbon/Koppers Site.

The State of Florida regulations allow multiple approaches for a responsible party to meet its obligations under the State's RBCA program.

One option is for a responsible party to remove contaminated soils and replace them with clean fill to meet the default State of Florida SCTLs or another site-specific derived soil cleanup target level.

Another option allowed is for a property owner and the responsible party to come to a voluntary agreement to place either institutional or engineering controls on private property to prevent direct contact with soils having site contaminants in excess of the selected remedial levels. An example of an institutional control would be a restrictive covenant that limits specific land uses to reduce exposure to contaminated soils. An example of an engineering control would be the installation of an asphalt cap over soils to prevent direct contact with soils.

An option is available for the responsible party, with EPA oversight, to conduct a risk assessment with site-specific information. If those site-specific risks exceed the State of Florida's allowable risk limits (an excess lifetime cancer risk of greater than one-in-a-million, or a non-cancer hazard index of greater than 1), remedial options would be further evaluated.

These options will be further discussed in updates to the draft Koppers feasibility study and an upcoming record of decision (ROD).

Community Involvement Activities

The Community Involvement Coordinator (CIC), L'Tonya Spencer, is currently working with Cheryl Krauth to have

Community Involvement Interviews for a Revised Community Involvement Plan (CIP) for the Cabot Koppers Site. The Revised CIP will include background information pertaining to the site, discuss the current Superfund Process, and document current concerns of the surrounding community, resulting from the Focus Group and individual community interviews. The Appendices will include contact information for the current Technical Assistance Grant (TAG) group, local government representatives, locations for community meetings, EPA Representatives contacts, and more.

The Focus Group for community interviews is tentatively scheduled to take place on July 8, 2010. The location is to be determined. Please look forward to receiving additional information concerning the community interviews.

Please take note that the local Information Repository housing the Administrative Record for the Cabot Koppers Site, located at the Alachua County Public Library, 401 E. University Avenue, Alachua, FL 32601, has been updated to include current information related to the Cabot Koppers Site. The CIC is also working with the current TAG group, Citizen's Protecting Gainesville, to have copies of the Administrative Record sent to a local bookstore as an additional location to review documents related to the site.

QUESTIONS AND ANSWERS ON SOIL SAMPLING NEARBY FORMER KOPPERS SITE

- 1) When will the sampling occur? Sampling is scheduled to take place within 90 days of today's date.
- 2) Who is doing the sampling? The sampling is being done by an EPA-certified environmental consultant AMEC Environmental.
- 3) Who is overseeing the work? Alachua County Environmental Protection Department and EPA are overseeing the work.
- 4) How do you assure that the sample collection and testing is done properly? Alachua County EPD and EPA representatives observe sample collection and sampling analysis is conducted at EPA-accredited laboratories with EPA reference test methods appropriate for measuring Koppers Site-related contamination. In addition, EPA will be splitting samples and sending a certain subset of those samples collected in the Stephen Foster Neighborhood for analysis at an EPA laboratory located in the Southeast.
- 5) How were the sampling locations selected in the neighborhood next to Koppers? The locations sampled in this round of soil sampling were chosen based on their proximity to previous soil samples in City right-of-ways that indicate that a specific residential lot may have contaminant soil concentrations in excess of Florida default soil cleanup target levels for dioxin TEQ. Are all residential properties targeted for sampling or just a selected number? A selected number were sampled for this round of sampling based on previous soil sampling which indicate that a specific area of residential lots may have concentrations in excess of the Florida default soil cleanup target levels for dioxin TEQ.
- 6) What will the data be used for? The data will be used to determine in which residential areas remedial action may be required.
- 7) Why are some parcels closer to site boundary not proposed for sampling and others further out are? The soil sampling locations were selected based on previous soil sampling results and the need to delineate an area further if soil concentrations exceed the State of Florida's default soil cleanup target levels for dioxin TEQ. Where measured soil concentrations are already below the allowable State of Florida's default soil cleanup target levels, no additional soil sampling is necessary. The proximity to the Koppers Site may or may not have an effect on measured concentrations of Koppers-related soil contaminants found in soil. Other factors including wind directions etc. may play a larger role in how contaminants are distributed throughout an area.
- 8) Will there be sampling conducted west of 6th Street? There may be soil sampling conducted west of 6th Street based on the results of this round of sampling.

- 9) Is soil sampling planned in the areas south, east and north of the site? Yes. When will this occur? This sampling will occur on or about same time as sampling done in the Stephen Foster Neighborhood.
- 10) Will there be more sampling depending on the results of this round of testing ? There may be additional sampling depending on the results of this round of sampling and analysis.
- 11) How will the analytical results be made available to the property owners and residents? Analytical results will be made available to property owners and residents through mailings and possibly through a public availability session held nearby the Stephen Foster Neighborhood.
- 12) How and when will target properties be notified to get permission or access to sample? Property owners that have targeted properties for sampling will be notified via certified mail, return-receipt requested to obtain permission to access the property to sample. When is this expected to occur? This notification is expected to occur within 30 days of today's date.
- 13) What phone number can I call to get more information? For more information related to health effects associated with soil contaminants attributable to the Site, please contact Anthony Dennis with the Alachua County Department of Health at (352) 334-7930. For more information related to soil sampling, please contact Scott Miller with the Environmental Protection Agency at (404) 562-9120.

For more information, please contact...		
Scott Miller Remedial Project Manager U.S. EPA Region 4 Superfund Division 61 Forsyth Street, S.W. Atlanta, Georgia 30303 1 (800) 435-9234	L'Tonya Spencer Community Involvement Manager U.S. EPA Region 4 Superfund Division 61 Forsyth Street, S.W. Atlanta, Georgia 30303 1 (877) 718-3752	
U.S. EPA on the Internet		
U.S. EPA Headquarters www.epa.gov	U.S. EPA Region 4 www.epa.gov/region4	U.S. EPA Region 4 Superfund www.epa.gov/region4/superfund

CABOT KOPPERS SUPERFUND SITE

Mailing List Additions/Corrections

If you would like your name and address added to, or corrected on, the mailing list for the Cabot Koppers Superfund Site, please complete this form and return it to:

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

NAME: _____

AFFILIATION: _____

ADDRESS: _____

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
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