



Cabot/Koppers Superfund Site Update

Gainesville, FL
Joint Gainesville City/Alachua County
Commission Meeting
April 29, 2010

Site Status Update

- Final Feasibility Study (FS) early May
- Proposed Plan mid-to-late May
- 30-day comment period and EPA public meeting to follow
- Record of Decision Amendment late June

Off-Site Soil Sampling

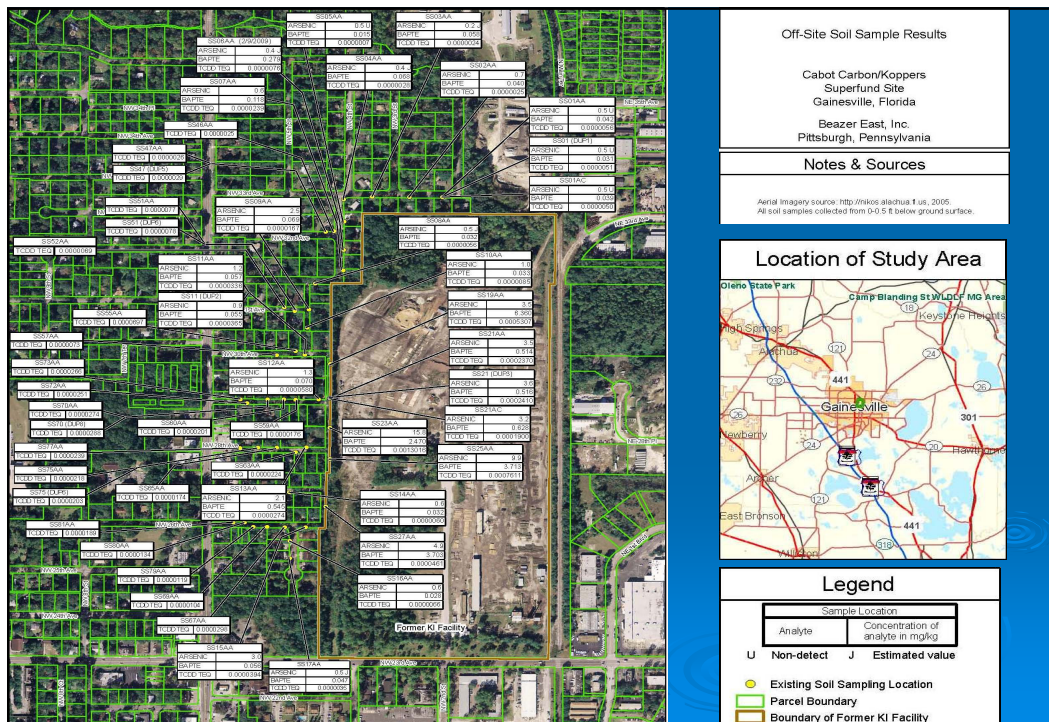
- In-yard soil sampling in Stephen Foster Neighborhood
- East, South, West and North of Site
- Expected sampling dates May-June time period based on access

Koppers Superfund Site Update

Alachua County Health Department
Florida Department of Health

Additional Soil Sampling

- **The Health Department has performed a preliminary review of the dioxin test results of the June through December 2009 additional off-site soil sampling taken along roadsides in the Stephen Foster Neighborhood west of the Koppers hazardous waste site.**
- **The levels of dioxins continues to be above the SCTL of 7.0 PPT between NW 26 Avenue and NW 29 Avenue. Other areas North of NW 29 Avenue have been delineated to the SCTL.**



Additional Soil Sampling

- These test results do not affect the current Health Department Advisory.
- The Florida DOH concludes that incidental ingestion (swallowing) of very small amounts of this dioxin contaminated surface soil is not expected to harm people's health. Parents should continue to keep children from playing in the City of Gainesville easement bordering the Koppers site.

Additional Soil Sampling

- This area is still being delineated.
- Testing, however, has been inadequate to determine the full extent of contamination from the Koppers site.
- The Health Department will continue to evaluate the health risks as more test data becomes available.
- The Health Department recommended and supports the current proposal for soil sampling in residential yards to determine the extent of contamination and site specific health risks.

Cancer Inquiry

- The Health Department is conducting a cancer inquiry in the Stephen Foster neighborhood.
- We have asked residents who have been diagnosed with a cancer to complete a “patient listing form” for the State Health Office.
- The Health Department has distributed hundreds of “patient listing forms” via mail, hand delivery, and dissemination at community meetings.

Cancer Inquiry

- To date the State Health Office, Bureau of Environmental Public Health Medicine, has received 10 forms and two phone calls from concerned residents.
- This data, data from the state cancer registry and other factors will be used to assess rates of particular types of cancer in the area.

What the Health Department is Doing Now

- The Health Department will continue to provide updates for the Stephen Foster Neighborhood.
- Florida DOH will continue to review additional Stephen Foster neighborhood soil test results.
- Florida DOH is finalizing a Health Consultation Report for the additional off-site soil tests.
- Florida DOH will continue to review reports on fugitive dust issues.

What the Health Department is Doing Now

- **Florida DOH is in the process of analyzing creek sediment sampling data and will produce a Health Consultation Report in the next two months.**
- **The Florida DOH is conducting a cancer inquiry in the Stephen Foster neighborhood.**
- **The Health Department will continue to monitor the private potable wells.**
- **The Health Department will continue to review and evaluate data as it becomes available.**



Update on ACEPD Creek Sediment Sampling and Cabot Tar Clean-up Plan

Alachua County Board of County Commissioners
City of Gainesville Commission

Quarterly Joint Meeting
April 29, 2010

Presented by
John Mousa, Ph.D.
Alachua County Environmental Protection Department

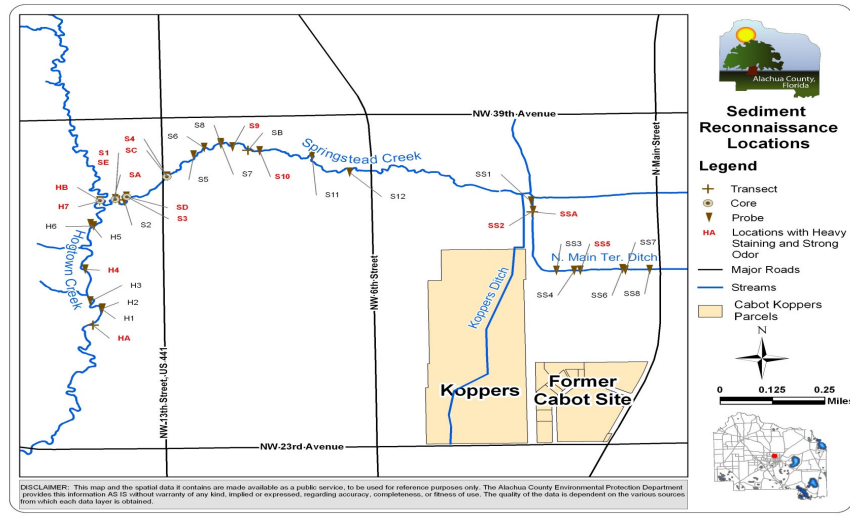


Background

- Pine tar waste discharged from Cabot site -1960's into Springstead and Hogtown Creeks
- Ongoing citizen concern about tarry residues
- ACEPD completed comprehensive creek survey for tar deposits and performed sediment sampling in December 2008 and January 2009



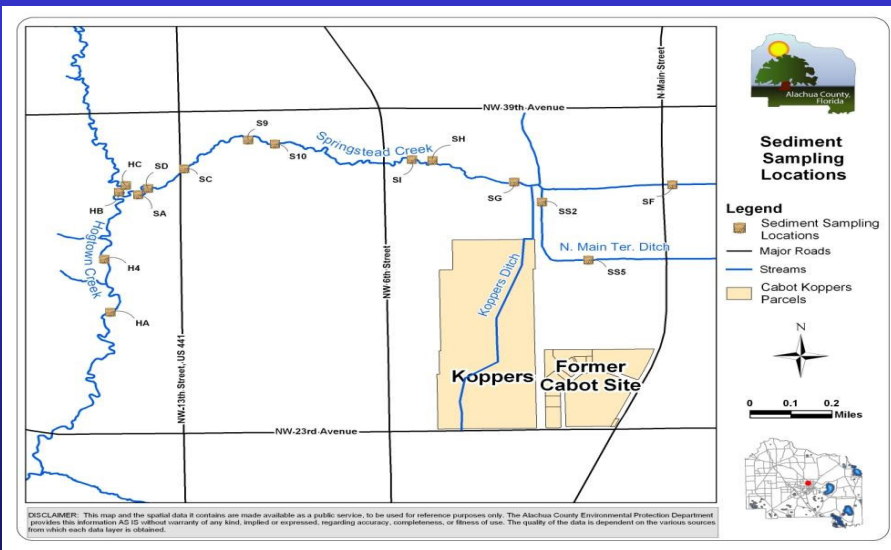
In-Stream Contamination Survey 2008



Tarry deposits observed buried at multiple locations (red locations on map)



ACEPD Sediment Sampling Locations - 2009



15 locations sampled along Creeks



ACEPD Sampling Results Summary

- Contamination with PAH Hydrocarbons co-located with tar residues exceed FDEP Sediment Quality Guidelines
- Low levels of dioxin (not co-located with tar residues) found in some sediments in Springstead Creek
- Copper, Chromium, Arsenic not above levels of concern



Current Status

- Sediment contamination data being evaluated by FDEP for ecological and human health risks
- Sediment contamination levels being evaluated by FDOH for human health risks



Cabot Tar Removal Plan

- Cabot Corp. plans to voluntarily remove tar deposits from multiple locations in Springstead and Hogtown Creek
- Removal workplan being reviewed by FDEP, ACEPD, USEPA and City of Gainesville



Cabot Tar Removal Plan

- Cabot plans public notification
- Access agreements with property owners
- Tentative earliest implementation in May; could be delayed to Fall to avoid rainy season
- Coordination with ACEPD, FDEP, USEPA and City of Gainesville ongoing