

South Waterfront Brownfields Assessment

April 6, 2010



South Waterfront Brownfields Assessment

S&ME, Inc.

- S&ME is an award-winning firm providing engineering, testing and environmental services.
- We are employee-owned, numbering >700 professionals and support staff in eight southeastern states.
- **Our professional staff includes:**
 - Professional Geologists
 - Foundation/Geotechnical Engineers (PE's)
 - Materials Engineers (PE's)
 - Environmental Engineers (PE's)
 - Environmental Scientists, Biologists & Ecologists
 - Certified Industrial Hygienists (CIH)
 - Technical Staff and Field Personnel



What is a Brownfield?

A property whose re-use, growth, enhancement or redevelopment is complicated by real or perceived adverse environmental conditions



What role does EPA play?

Brownfield Assessment Grants:

\$200,000 for Petroleum Sites

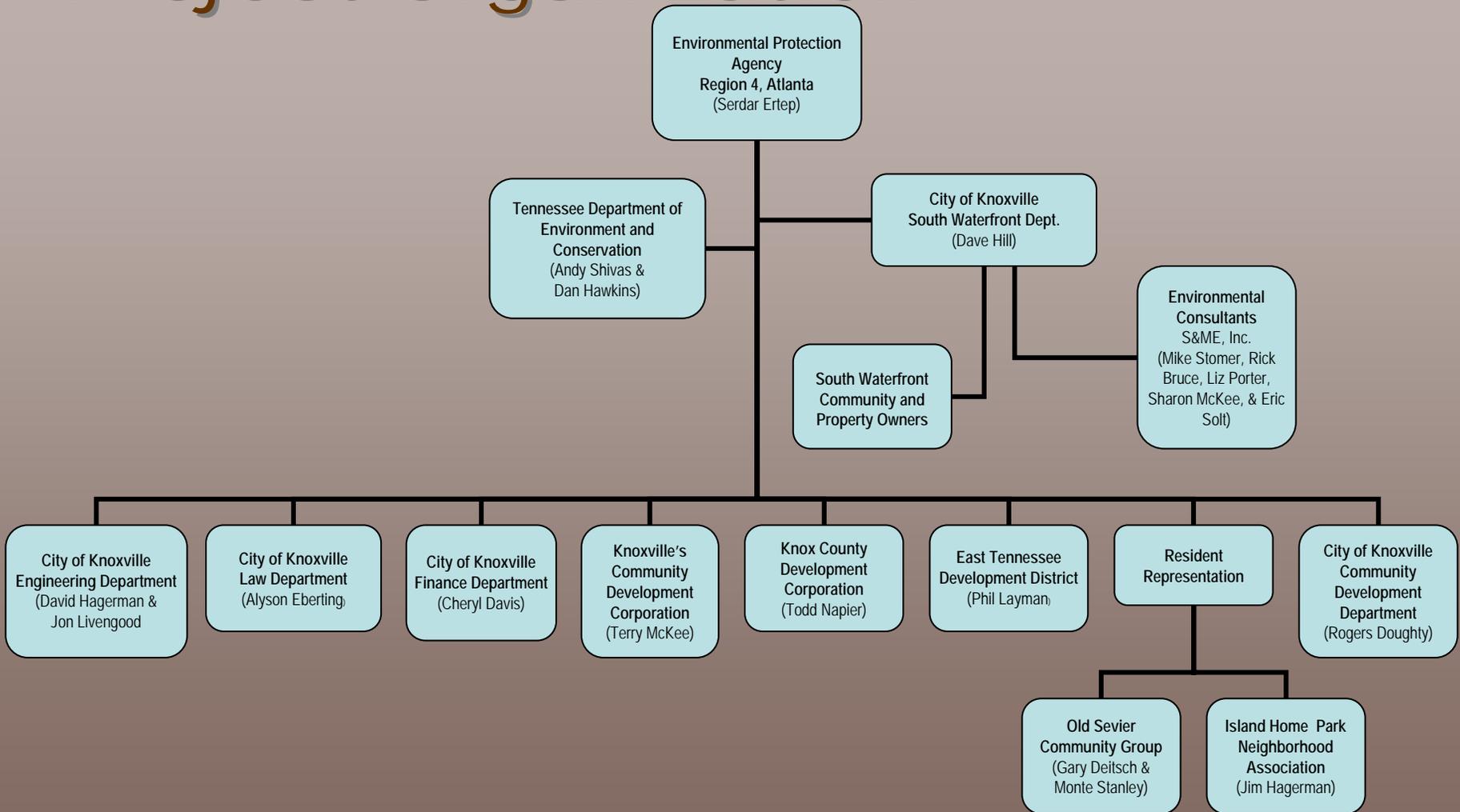
\$200,000 for Hazardous Substance Sites

Grant oversight and assistance

EPA Approved Work Plan



Project Organization

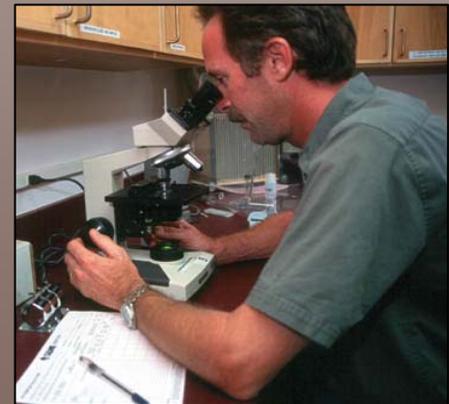


Environmental Services



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Industrial Hygiene Services



Site Access Agreements

- Before any on-site work is performed, we will obtain signed authorization from the property owner.



Phase I Environmental Assessment

- Requires access to the site for visual observations of site conditions
- Interviews
- Photographs
- Search of public records



Phase I Environmental Assessment (continued)

- No soil or water sampling during a Phase I ESA
- Asbestos and/or lead-based paint may be added to the scope



Phase II Environmental Assessment

- Soil, surface water and groundwater sampling
- May require soil borings, test pits or wells
- Drilling equipment may be used
- Temporary on-site storage of cuttings
- Owner will receive copy of results

Phase II Environmental Assessment (continued)

- In some cases, underground storage tanks may be addressed under the Brownfield Assessment Grant
- Disclosure of findings
- Brownfield Agreements may be beneficial in addressing findings

Project Timeline

- Records Review/Database Construction
- Phase I ESA's
- Phase II ESA's
- Public Meetings
- Project Closeout

Electric Power Board Chattanooga, TN



Former Butcher Block



BEFORE



AFTER



South Waterfront Brownfields Assessment



Corridor Studies
Assessment Area

South Waterfront Area



South Waterfront Brownfields Assessment

South Waterfront



South Waterfront Vision

