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

South Waterfront Brownfields Assessment
South Waterfront Brownfields Assessment

Project Organization

Environmental Protection Agency
Region 4, Atlanta
(Serdar Ertep)

Tennessee Department of Environment and Conservation
(Andy Shivas & Dan Hawkins)

City of Knoxville South Waterfront Dept.
(Dave Hill)

Environmental Consultants
S&ME, Inc.
(Mike Stomer, Rick Bruce, Liz Porter, Sharon McKee, & Eric Solt)

South Waterfront Community and Property Owners

City of Knoxville
Engineering Department
(David Hagerman & Jon Livengood)

City of Knoxville Law Department
(Alyson Eberting)

City of Knoxville Finance Department
(Cheryl Davis)

Knoxville’s Community Development Corporation
(Terry McKee)

Knox County Development Corporation
(Todd Napier)

East Tennessee Development District
(Phil Layman)

Resident Representation

City of Knoxville Community Development Department
(Rogers Doughty)

Old Sevier Community Group
(Gary Deitsch & Monte Stanley)

Island Home Park Neighborhood Association
(Jim Hagerman)

City of Knoxville Community Development Corporation
(Todd Napier)

Knox County Development Corporation
(Phil Layman)

Resident Representation

City of Knoxville Community Development Department
(Rogers Doughty)

Old Sevier Community Group
(Gary Deitsch & Monte Stanley)

Island Home Park Neighborhood Association
(Jim Hagerman)
Environmental Services

South Waterfront Brownfields Assessment
Industrial Hygiene Services

South Waterfront Brownfields Assessment
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
South Waterfront

South Waterfront Brownfields Assessment