

Targeted Brownfield Assessments (TBAs)

**Division of Environmental Response
and Revitalization (DERR)**

**Site Assistance and Brownfield
Revitalization (SABR)**

Martin Smith, TBA Coordinator



Environmental
Protection Agency

What is a Targeted Brownfield Assessment (TBA)?



Assessment work provided at no cost to local governments

- Phase 1 Property Assessments
- Asbestos Inspections
- Phase 2 Property Assessments
 - Screening assessments
 - Supplemental assessments
 - Ecological stream surveys



Application Process

- Applicant must be unit of local government
- Application form must be completed
 - Available online: http://www.epa.ohio.gov/derr/SABR/Grant_Assistance.aspx
 - Basic property and project information
 - Eligibility questions (applicant & property)
 - Requested services
 - Signed access agreement required (templates are included)
- Non-competitive
 - Projects funded as they come to Ohio EPA
 - Federal and State funding sources (renewed annually)

Phase 1 Property Assessment

- Non-intrusive investigation of property's environmental history including...
 - Historical records search
 - Interviews with persons knowledge about the property
 - Site walk over (i.e., visual inspection)
 - Review of surrounding properties
- Identify areas where contamination may exist and sampling is needed

All Appropriate Inquiry (AAI)

- Phase I Property Assessment can provide landowner liability protection
- In 2002, Congress passed the "Small Business Liability Relief and Brownfields Revitalization Act" (Brownfields Amendments)
- These amendments created a [landowner liability protection](#) from CERCLA for bona fide prospective purchasers ("BFPP")
- TBA Phase 1 will be both ASTM E1527-05 (AAI) and VAP compliant

Edwin Shaw Hospital Lakemore, Summit County

Phase I Property Assessment

- 210 acres; 18 buildings
- Possible PCB containing equipment
- Former UST on site
- Asbestos
- Unmarked tank in basement with staining



Summitville Tiles

Summitville, Columbiana County

Phase 1 property assessment

- 10 acres; Offices and manufacturing
- Asbestos in Kilns
- Potential PCB containing equipment
- Old drums and ASTs with staining on ground
- COAF application for Phase II assessment



Asbestos Inspection

- What is an asbestos inspection?
 - Inspection conducted by an Accredited Asbestos Hazard Evaluation Specialist
 - Identify and sample suspected Asbestos Containing Material (ACM) for laboratory analysis
 - Report documents amount of ACM in building
- An asbestos inspection does not provide:
 - Significant destructive sampling to find all possible ACM
 - Cost estimate for removal of ACM

Former Hiram Elementary Hiram, Portage County

Phase I Assessment & Asbestos Inspection

- 5.2 acres; School building and fields
- No issues identified other than asbestos
- Village working with Hiram College to demolish building and reuse property



Harry's Again Restaurant Fairport Harbor, Lake County

Phase I Assessment & Asbestos Inspection

- 0.6 arce; Former restaurant
- Asbestos is only issue
- Complete inspection not possible due to poor building condition
- Sampling confirmed ACM in building



Phase 2 Property Assessment

- What is a Phase 2 Assessment?
 - Sampling and analysis of soil, water, or sediment
 - Ohio EPA pays for the field work and lab testing
 - Report documents field activities and lab results
- Small budget means small-scale assessments
 - Screening level evaluation
 - Supplemental assessments
 - Ecological assessments

Phase 2 Property Assessment

- Work plan required to do field work
 - Coordinate with your environmental consultant to develop the work plan
 - Ohio EPA can develop the work plan
 - Petroleum sites will also involve assistance from BUSTR
- Implementing the work plan
 - Ohio EPA's Site Investigation Field Unit (SIFU)
 - Ohio EPA's Level of Effort (LOE) contractors
 - Ohio EPA's contract laboratories



Former Mithoff Hotel Lancaster, Fairfield County

Phase 2 screening assessment

- IAs included former cleaners and old USTs in back
- Geophysical survey to find old USTs
- Installed monitoring wells to look for UST contamination
- Observed trenching w/backhoe to locate USTs; found piping but no USTs
- City considered COAF/CORF but is currently evaluating other options





White Rubber Corporation Ravenna, Portage County

Phase 2 Ecological Assessment

- 4.1 acres; Manufacturer of rubber gloves and sleeves for the electric utility industry
- Evaluate site's impact on adjacent stream
- Assessment upstream, down stream and adjacent to site
- All sample locations in non-attainment
- No evidence site is impairing stream
- Completed COAF assessment; received CORF





GGG Service Station Seven Mile, Butler County

Phase 1 and Phase 2 Assessments

- 0.25 acres; Former service station w/ 7 USTs
- Operated from 1960 to 1995 as service station
- Worked with Village, County, and landowner to do tank pull
- Ohio EPA assisted with soil sampling
- No contamination found – Site closed by BUSTR



Summary of 2012 TBAs

- Funding for Targeted Brownfield Assessments
 - 128(a) Funded: \$220,000 (13 sites)
 - State Funded: \$90,000 (6 sites)
- Phase 1 Property Assessments (9 sites)
 - With Asbestos Inspection (4 sites)
- Phase 2 Property Assessments (10 sites)
 - Stream Water Quality Surveys (3 sites)
 - Screening Assessments (2 sites)
 - Supplemental Assessments (3 sites)
 - Petroleum UST Site (2 site)

2013 TBA Funding

- 2013 Funding for TBA projects
 - 128(a) Funds: \$220,000
 - State Funds: \$100,000
- 128(a) Funded TBAs
 - Committed ~\$60,000 for 7 sites
 - \$160,000 remaining in budget for FFY 2013 (ends Sept, 2013)
- State Funded TBAs
 - Funded 4 sites for \$30,000
 - \$70,000 remaining in budget for SFY 2013 (ends June, 2013)

For More Information

Martin Smith, TBA Coordinator

Ohio Environmental Protection Agency
Division of Environmental Response and Revitalization
Site Assistance and Brownfield Revitalization

Martin.Smith@epa.ohio.gov

(614) 644-4829 (desk #)

50 West Town Street, Suite 700
Columbus, Ohio 43216-1049



Environmental
Protection Agency