Agenda

Defining and Identifying Brownfields
Legal definition of a brownfield
Common types of brownfield sites:
- Railroads
- Gas stations
- Refineries
- Dry cleaners
- Chemical manufacturers/storage facilities
- Heavy industrial facilities
Common liabilities associated with brownfields

Federal and State Regulation of Brownfield Sites
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
- CERCLA liability scheme
- CERCLA trust fund
- National Priorities List
Resource Conservation and Recovery Act (RCRA)
- RCRA scope
- RCRA requirements
State and local regulations and incentives
Ohio EPA Voluntary Action Program (VAP)

Assessing Sites and Identifying Risks
Retaining an environmental consultant
Due diligence and performing a Phase 1 site assessment
Data quality objectives
Scope of subsurface investigation
Risk-based decisions
Projecting remediation costs and working with regulators

Implementing Remediation Technologies and Processes
Engineering and institutional controls
Biological treatments
Physico-chemical treatments
Thermal treatments
Other options

Planning and Implementing Site Remediation and Redevelopment Strategies
Working with regulators
Working with consultants and technicians
Regulatory enforcement options
Exploring options for redevelopment
Redevelopment financing

Learning Objectives

You’ll be able to:
Identify common types of brownfield sites and discuss common liabilities associated with them.

Examine federal and state regulations of brownfield sites and explore available incentives.

Learn how to project remediation costs while working with regulators.

Implement remediation technologies and processes, such as biological thermal treatments.

Strategize options for brownfield site redevelopment and discuss available financing.

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Brownfields Regulation, Remediation and Redevelopment
Middleburg Heights, OH - Thursday, May 14, 2020

Discuss the legal definition of a brownfield and examine types of brownfield sites
Learn about federal and state regulations of brownfield sites
Explore the Ohio EPA Voluntary Action Program (VAP)
Assess brownfield sites and learn to identify the risks
Implement site remediation and redevelopment strategies

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CLE Approval Pending

Construction Contractors
Non-Credit Continuing Ed.
Faculty
Kathleen Teuscher

TRC Companies, Inc., Senior Project Manager/Human Health Risk Assessor
Ms. Teuscher has over 30 years of diversified experience in the chemical and environmental industry and has provided project management and key technical support for a variety of projects. In addition to managing TRC’s Cleveland office, she has performed numerous environmental health risk assessments in accordance with various state and federal guidelines. Her areas of expertise include remedial investigation, risk assessment, vapor intrusion, brownfield redevelopment, RCRA closures, numerous phase I/phase II environmental assessments, feasibility studies, statistical analyses, and analytical chemistry. Ms. Teuscher has performed human health risk assessments and provided technical support for a variety of projects under such programs as CRECLA, RCRA, TSCA, individual state and USEPA brownfield programs. She has had successful experience in identifying reasonable and protective alternatives for risk-based solutions to environmental concerns. Ms. Teuscher’s experience also includes performing lab audits, data validation, implementation of QA/QC procedures, and preparing quality assurance project plans. Prior to consulting, she was QA/QC director for a large environmental laboratory.

Michael P. Kurinsky
TRC Companies, Inc., Project Manager, Environmental Due Diligence
Mr. Kurinsky has over 13 years of experience in managing and providing technical support for diverse projects for identifying, investigating and remediating environmental impacts, of expertise include remedial investigation, risk assessment, vapor intrusion, brownfield redevelopment, RCRA closures, numerous phase I/phase II environmental assessments, feasibility studies, statistical analyses, and analytical chemistry. Ms. Teuscher has performed over 30 years of diversified experience in the chemical and environmental industry. She has provided technical support to clients in managing and providing technical support for a variety of projects under such programs as CRECLA, RCRA, TSCA, individual state and USEPA brownfield programs. She has had successful experience in identifying reasonable and protective alternatives for risk-based solutions to environmental concerns. Ms. Teuscher’s experience also includes performing lab audits, data validation, implementation of QA/QC procedures, and preparing quality assurance project plans. Prior to consulting, she was QA/QC director for a large environmental laboratory.

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John Heer
TRC Companies, Inc., Project Manager, Environmental Due Diligence
Mr. Heer has almost 30 years of experience practicing litigation, transactional, regulatory and environmental law, including experience with traditional environmental issues relating to the Clean Water Act, Resource Conservation and Recovery Act (RCRA), the Clean Air Act, the Toxic Substances Control Act (TSCA), the Federal Insecticide, Fungicide, Rodenticide Act (FIFRA), the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), brownfields, wetlands and stormwater. He has also experience across North America with sustainability and chemical management. He is also a certified ISO 14010/2004 EHS auditor. Mr. Heer earned his J.D. degree, cum laude, from Case Western Reserve University School of Law, where he earned the Louis F. Powell, Jr. Excellence in Advocacy Award on the National Mock Trial team. He received a B.A. degree in Criminal Justice and Psychology from Indiana University.

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