

Remediation Strategies and Technologies Workshop

AGENDA

November 12, 2025 - Fort Trumbull State Park Conference Center, New London, CT

November 13, 2025 - The Fireside Inn & Suites, West Lebanon, NH

November 14, 2025 - Sturbridge Host Hotel and Conference Center, Sturbridge, MA

9:00 AM Check-In + Pastries/Coffee (Provided)

No On-Site Registration

9:15 AM Welcome and Logistics

Shaina Cohen, NEWMOA

9:30 AM Overview: Taking the Conceptual Site Model (CSM) and Determining the Remediation Strategy

Presenter: Paul Dombrowski, ISOTEC

- Developing Remedial Alternatives
- Remedial Design Characterization vs. Remedial Investigation
- Determining the Need to Implement a Technology
- When Might "Dig & Haul" Be the Best Option?
- When is Monitored Natural Attenuation (MNA) Appropriate?
- Data Needs (Before, During, After)
- Good Resources CLU-IN, ITRC, EnviroWiki

10:00 AM Bioremediation

Presenter: Alana Miller, REGENESIS

- Overview of Bioremediation Approaches
- Applicable Contaminants
- Favorable vs. Unfavorable Site Conditions
- Data Needs (Before, During, After)
- Implementation Logistics
- Recommendations and Lessons Learned
- Combined Approaches: Activated Carbon and Bioremediation

11:00 AM Networking Break

11:15 AM In-Situ Chemical Oxidation (ISCO)

Presenter: Brant Smith, Evonik

- Overview of ISCO Agents: Hydrogen Peroxide, Permanganate, Persulfate, and Ozone
- Applicable Contaminants
- Soil Mixing Approaches
- Favorable vs. Unfavorable Site Conditions
- Data Needs (Before, During, After)
- Implementation Logistics
- Recommendations and Lessons Learned



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12:15 PM Lunch (Provided)

1:00 PM Thermal Treatment

Presenter: Lauren Soós, TRS Group

- Overview of Thermal Technologies: Electrical Resistive Heating, Conductive Heating, Steam-Enhanced Extraction
- How Thermal Treatment Works
- Applicable Contaminants
- Favorable vs. Unfavorable Site Conditions
- Data Needs (Before, During, After)
- Implementation Logistics
- Recommendations and Lessons Learned

2:00 PM Networking Break

2:15 PM Permeable Reactive Barriers (PRBs)

Presenter: Paul Dombrowski, ISOTEC

- Applicable Contaminants
- PRB Reagents
- PRB Installation Methods and Implementation Logistics
- Remedial Design Data Needs
- Favorable Site Conditions
- Unfavorable Site Conditions
- Data Needs (Before, During, After)
- Recommendations & Lessons Learned
- Good Resources ITRC PRB-5, EVO PRB Engineering Design Manual

3:15 PM Combining Technologies

Presenter: Speaker Roundtable

- Strategies That Work Well Together
- Implementation Logistics
- Recommendations & Lessons Learned

4:00 PM Adjourn