

PRELIMINARY AGENDA

DAY 1 – OCTOBER 16, 2019

GREAT LAKES ENVIRONMENTAL REMEDIATION & REDEVELOPMENT CONFERENCE

OCTOBER 16-18, 2019 // LANSING CENTER, LANSING

TIME	SESSION																																																
7:30 a.m.	Registration - Breakfast and Visit with Exhibitors																																																
8:45 a.m.	Welcome, Opening remarks, Introduction of Keynote Speaker																																																
9:00 a.m.	Keynote – Grant Trigger, Cleanup Manager for the former GM properties in Michigan																																																
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10:00 a.m.	Featured Speakers: Liesl Eichler Clark, Director, Michigan Department of Environment, Great Lakes, and Energy (EGLE) Cathy Stepp, Region 5 Administrator, U.S. Environmental Protection Agency Steve Sliver, Executive Director, MPART Kathy Shirey, Director, Remediation and Redevelopment Division, EGLE																																																
11:00 a.m.	Plenary: History of Legal, Regulatory, and Scientific Response to PFAS Contamination in the US - Robert Bilott, Partner, Taft Stettinius & Hollister LLP																																																
11:45 a.m.	Lunch Networking Exhibitors																																																
	<table border="1"> <thead> <tr> <th>Remediation</th> <th>Per- and Polyfluorinated Substances (PFAS)</th> <th>Program Implementation and Performance</th> <th>Redevelopment</th> <th>Regionwide Interest</th> <th>Exhibitor Demonstrations</th> </tr> </thead> <tbody> <tr> <td> 1:00 p.m. Quality of Life Performance Standards while conducting Construction and/or Environmental Remediation projects - Bruce Groves, Emilcott; Will Elcoate, Alpha Labs </td> <td> Environmental and Toxic Torts-Claims Management of Emerging Environmental Issues - Kevin Rega, Great American Insurance Group </td> <td> Bankruptcy Remediation Trusts - A New PRP Paradigm in our Post-Industrial Society - David Heidlauf, Ramboll </td> <td> Incremental Sampling Methodology Significantly Reduces Arsenic Remediation Costs for Orchard Redevelopment - Molly O'Brien, Barr Engineering </td> <td> Blue Economy Clusters in the U.S. Great Lakes Basin - Evangelia Lema, Central Michigan University </td> <td> Strength Environmental </td> </tr> <tr> <td> 1:40 p.m. Utilization of Drones and Scanning Technology in Remediation and Redevelopment - Bret Stuntz, SME </td> <td> Legal and Technical Strategies to Address Confirmation of PFAS at Your Facility - AnnMarie Sanford and Todd Fracassi, Pepper Hamilton; John Cuthbertson, AECOM </td> <td> Urban PAH Soil Study and Reassessment of Soil Standards in Wisconsin - Judy Fassbender, Wisconsin Department of Natural Resources </td> <td> Revitalizing a Contaminated Former Production Facility in a Rust Belt City - Thomas Kinney, GHD Services, Inc. </td> <td> Challenges and Successes of Green Stormwater Infrastructure in Urban Areas - Abigail Varner and Joel Parker, Hamp, Mathews & Associates. </td> <td> PM Environmental Unwrapping the Brownfield Funding Package: A Look at MUSTA Funding </td> </tr> <tr> <td>2:20 p.m.</td> <td colspan="5">Break</td> </tr> <tr> <td> 2:50 p.m. Lessons Learned from Design Verification Assessments at In Situ Remediation Sites - Brett Hicks, Regenesis </td> <td> EPA, ASTM, and Modified Methods, Oh My! Navigating Analytical Options for PFAS - Taryn McKnight, Eurofins Test America </td> <td> Great Lakes Restoration Initiative Impacts within Four EPA Areas of Concern - Evangelia Lema, Central Michigan University </td> <td> Using Land Bank Authorities to Spur Redevelopment Projects - Jeff Hawkins, Enviologic Technologies; Anne Giroux, Marquette County </td> <td> You've got a Friend in the Kansas State University (KSU) TAB Program - Maggie Egbarts, KSU; Beth Grigsby, SME </td> <td> EGLE The Intersection of Brownfields and Real Estate. Incentivizing Redevelopment of Contaminated Properties </td> </tr> <tr> <td> 3:30 p.m. In-Situ Thermal Remediation of TCE DNAPL from Glacially Deposited Clay-Silt Diamicton and Subsequent Remedial Performance Assessment - Richard M. 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DAY 2 – OCTOBER 17, 2019

TIME	SESSION					
7:30 a.m.	Registration - Breakfast and Visit with Exhibitors					
8:30 a.m.	Opening remarks					
	Remediation	Per- and Polyfluorinated Substances (PFAS)	Program Implementation and Performance	Redevelopment	Regionwide Interest	Exhibitor Demonstrations
9:00 a.m.	Chlorinated Solvent Remediation Design using a High-density Site Characterization Approach - Mark Quimby and Agnes Taylor, SME; Mary Miller, EGLE	Are Wastewater Treatment Plants and Biosolids a Significant Source of PFAS? - John Cuthbertson and Dorin Bogdan AECOM	The Future of Lab Data Reporting, Taking It Beyond the Excel Table - Russell Schindler, SampleServe, Inc.	Public-Private Partnerships: Tools and Approaches for Your Team - Megan Olds, Parallel Solutions	Sediment Bedforms from Topobathymetric LiDAR to Support an Optimized Stratified Sampling Plan - Evan Thomas, PE, Wood	Dune Technologies, LLC
9:40 a.m.	Sediment Cap Design, Modeling, and Construction - Tom Boom, Barr Engineering	Management Approach to Sustainable Drinking Water; Addressing PFAS Contamination across 14 Communities - Shalene Thomas, Wood; Michele Mabry, Minnesota Pollution Control Agency	Petroleum Partnering -- Indiana Initiative - Andrea Robertson Habeck, Indiana Brownfields Program	Regional Brownfields Programs: Best Practices in Rural Indiana - Beth Grigsby, SME; Greg Jones, IARC	Fireworks as an Emerging Source of Groundwater Contamination - Joel Henry, Golder Associates	Job Site Services, Inc.
10:20 a.m.	Break					
10:40 a.m.	Bank Remediation and Restoration for a Time Critical Removal Action with Water Control Structure Removal - Joe Caryl, Wood	Proactive Risk Communication Strategies for Managing Emerging Contaminants - Jay Mullett, PE, Wood	Vapor Intrusion: Regulations, Guidance, Audit and Partnerships – Wisconsin’s Perspective - Jennifer Borski, Wisconsin Department of Natural Resources	From Gritty to Pretty a Superior Transformation at Founders Landing in Marquette - Mac McClelland and Sheri Davie, City of Marquette; Barry Polzin, Architect	Construction Quality Assurance during Environmental Dredging and Capping Projects - Mike Ellis, Barr Engineering	Geosyntec Part 1: Vapor Intrusion Pneumatics and Tracer Testing
11:20 a.m.	A Systematic Approach to Evaluating VI Risk at Legacy Sites in Minnesota - Cory Vowles, Wood	Statewide PFAS Sampling of Public Water Supplies in Michigan - John Cuthbertson, AECOM	Regulatory Closure Through Pathway Elimination – Former Wood Treatment Plant on Railroad Property - Ben Iden, Wood	How PFAS May Affect Your Next Brownfield Redevelopment - Cheryl Kehres-Dietrich and Casey Smith, SME	Step One - The Importance of Phase I ESAs in Remediation and Redevelopment - Timothy J. McGahey, AKT Peerless	Geosyntec Part 2: Vapor Intrusion Building Pressure Control
Noon	Lunch Networking Exhibitors					
1:30 p.m.	Trichloroethene Vapor Intrusion Conceptual Site Model Development and Mitigation in a Complex Geology - Joel Parker, Hamp Mathews & Associates	Lessons Learned on Various In-Situ and Ex-Situ for PFASs Groundwater and Source Treatment Technologies - Justin Gal, Wood	Scientific Discovery and Water Resource Management for Ottawa County, and Michigan (Part 1) - Zach Curtis, Ph.D., Hydrosimulatics, Inc.	Brownfield Redevelopment. Sometimes it’s complicated - Jeff Hukill, EGLE; Nathan Voght, Washtenaw County	Opportunity Zone Investment Considerations on Contaminated Properties - Jon Grosshans, USEPA Region 5	DeepEarth Technologies, Inc.
2:10 p.m.	Petroleum Fingerprinting & Environmental Sleuthing Identify Archeological Contamination Not Associated with Site Activities - Richard Christensen, Ph.D., Acuity Environmental Solutions	PFAS Contaminants-Source identification, Characterization, Key Factors Influencing PFASs Fate/Transport and Impacts on PFAS Remediation Strategies - Saamih Bashir, Wood	Scientific Discovery and Water Resource Management for Ottawa County and Michigan (Part 2) - Paul Sachs, Ottawa County	Case Study - Investigation of the presence of USTs in the Gordie Howe International Bridge Footprint - Thomas P Cok, Poonam Rameshbabu; Walter Bolt, The Mannik & Smith Group	2018 Build Act and Changes to Federal Brownfield Program - Matt Didier, USEPA Region 5	Wood. Per- and Polyfluoroalkyl Substance Sampling – A Training for Field Personnel
2:50 p.m.	Break – Refreshments in Exhibit Hall					
3:15 p.m.	Use of Monte-Carlo Analysis to Estimate Cost to Closure for Environmental Sites - James Berndt, August Mack	PFAS Treatment and Investigation at a Former Chromium Plating Facility – A Case Study - Brad Hoare, AECOM	Brownfield Challenges on a Historical Waterfront: Pier B Resort, Duluth, Minnesota - Eric Dott and Mike Ellis, Barr Engineering	Creative Project Strategies for a Solvent-Contaminated Manufacturing Site in Historic Rochester - Jeff Lanier, SME; Michelle Bakun, EGLE	2020 EPA Brownfield Grant Program Call for Applications - Matt Didier, USEPA Region 5	TBA
4:00 p.m.	Adjourn Brownfield Tour Departs - As Michigan’s capitol city, downtown Lansing has been a center of industry and commerce for generations. Years of economic and social hardship left behind blighted, underutilized, and environmentally contaminated properties. Redevelopment of these brownfield properties began over 20 years ago and continues today. Conference attendees will have a unique opportunity to walk through Lansing’s past and see what it has in store for its future.					

DAY 3 – OCTOBER 18, 2019

TIME	SESSION
7:30 a.m.	Check-in and Breakfast
8:30 a.m.	PFAS Treatment Technologies led by Steve Sliver, MPART
10:00 a.m.	Break
10:15 a.m.	PFAS Treatment Technologies led by Steve Sliver, MPART (continued)
11:40 a.m.	Adjourn