

BATTELLE 2018 | April 8-12 | Palm Springs, CA

Session Chairs

SESSION CATEGORY	CHAIR	DATE
C5. Advances in Amendments	Raymond Lees Senior Associate/Senior Vice President, Doylestown, PA	Wednesday, 4/11/2018
D7. Reusing and Revitalizing Contaminated Sites	Stewart Abrams Principal & Director of Remediation Technology, Lawrenceville, NJ	Thursday, 4/12/2018
E9. Landfill Redevelopment and Management	Christopher Glenn Senior Project Engineer, Oakland, CA	Thursday, 4/12/2018

Training

SESSION CATEGORY	TITLE	DATE	PRESENTER
ITRC Training: Managing PFAS Contamination at Your Site: Site Characterization, Sampling, Fate and Transport, along with Remedial Alternatives	ITRC Training: Managing PFAS Contamination at Your Site: Site Characterization, Sampling, Fate and Transport, along with Remedial Alternatives	Sunday, 4/8/2018	Stewart Abrams, PE Principal & Director of Remediation Technology Lawrenceville, NJ

Platform Presentations

	TITLE	SESSION CATEGORY	DATE	PRESENTER
1	Three-Dimensional Computational Pneumatic Modeling: Why It Is a Must When Designing Remedial Systems. K. Kelly, B. Bond, J. Breiner, and E.B. Dieck	H1. GROUNDWATER MODELING ADVANCEMENTS	Monday, 4/9/2018	Kevin Kelly, PG Project Geologist, Doylestown, PA
2	Characterizing Contaminant Transport in a Dual Aquifer System with Significant Intervening Vadose Zone Flow for Remedy Selection. E.B. Dieck, R.E. Lees, B. Bond, K. Kelly, and J. Breiner.	H2. CONCEPTUAL SITE MODELS	Monday, 4/9/2018	Eric Dieck Senior Staff Hydrogeologist Doylestown, PA
3	An Innovative Air Sparging Approach for Treatment of BTEX and VOCs. M. Ambrusch, S. Ciambuschini, O. Uppal, N. Najib, A. Quinn, and S. Abrams.	F2. IN SITU REMEDIATION OF PETROLEUM HYDROCARBONS	Tuesday, 4/10/2018	Matthew Ambrusch, EIT Senior Staff Engineer Parsippany, NJ
4	Implementing Complementary Remedies for Source and Distal Plume Areas of a Mixed Chlorinated Plume in a Fractured Shale Aquifer. K. Kelly, B. Bond, S. Abrams, and L. Zeng.	E2. MANAGING/REMEDIATING CHLORINATED SOLVENT IMPACTS AT FRACTURED BEDROCK SITES	Tuesday, 4/10/2018	Kevin Kelly, PG Project Geologist, Doylestown, PA
5	Unmixing Dual Aquifer Commingled Plumes with a Bifurcated Tail and Two Distal Discharge Points. B. Bond, E. Magee, and M. Morris.	E5. LARGE, DILUTE AND COMMINGLED PLUME CASE STUDIES	Wednesday, 4/11/2018	Bob Bond, PG Associate Doylestown, PA
6	Redevelopment of Treasure Island: Overcoming Long-Lasting Remedial Challenges. E. Kimbrel, C. Glenn, D. Shipman, and R. Beck.	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	Elizabeth Kimbrel, PE Project Engineer Oakland, CA
7	Integrating Remediation Systems with Site Redevelopment: A New York State Brownfield Cleanup Program Site Case Study. O. Uppal, S. Ciambuschini, C. McMahon, M. Ambrusch, N. Najib, S. Abrams, and I. Khan.	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	Omer Uppal Senior Project Engineer Parsippany, NJ

8	<p>Use of In Situ Remediation Technology at Redevelopment Sites: An Overview and Lessons Learned. S. Abrams, L. Zeng, O. Uppal, H. Nichols, J. Good, M. Burke, and J. Ludlow.</p>	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	<p>Stewart Abrams, PE Principal & Director of Remediation Technology Lawrenceville, NJ</p>
9	<p>Innovative Design Approach for Mitigating Landfill Gas: A Landfill Post-Closure Mixed-Use Development Case Study. O. Uppal, M. Ambrusch, N. Najib, A. Falabella, J. Ludlow, C. Glenn, S. Abrams, I. Khan, G. Corcoran, and M. Fredlund.</p>	E9. LANDFILL REDEVELOPMENT AND MANAGEMENT	Thursday, 4/12/2018	<p>Omer Uppal Senior Project Engineer Parsippany, NJ</p>
10	<p>Modifying an Existing Sub-Slab Methane Mitigation System at a Redeveloped Landfill Site after Years of Settlement. J. Schaettle, C. Glenn, and J.F. Ludlow.</p>	E9. LANDFILL REDEVELOPMENT AND MANAGEMENT	Thursday, 4/12/2018	<p>Jessica Schaettle Staff Engineer Oakland, CA</p>
11	<p>CSM Development and In Situ Bioremediation Optimization in Fractured Bedrock Using 3-D Visualization and Analysis. E.B. Dieck, R.E. Lees, B. Bond, K. Kelly, and J. Breiner.</p>	H5. IMPROVEMENTS IN SITE DATA COLLECTION, DATA MANAGEMENT, AND DATA VISUALIZATION	Thursday, 4/12/2018	<p>Eric Dieck Senior Staff Hydrogeologist Doylestown, PA</p>

Poster Presentations

	TITLE	SESSION CATEGORY	DATE	PRESENTER
1	From Vapor Intrusion to Mitigation: A Status Review of the Current Practice. M. Ambrusch, S. Ciambuschini, B. Blum, O. Uppal, N. Najib, A. Falabella, and S. Abrams.	G2. VAPOR INTRUSION MITIGATION AND EFFECTIVENESS	Monday, 4/9/2018	Matthew Ambrusch, EIT Staff Engineer Parsippany, NJ
2	MTBE: An Innovative Remedial Strategy for an Old Contaminant of Concern. O. Uppal, M. Ambrusch, A. Kerr, J. McMains, and S. Abrams.	H1. GROUNDWATER MODELING ADVANCEMENTS	Monday, 4/9/2018	Omer Uppal Senior Project Engineer Parsippany, NJ
3	Building Survey, Indoor Source Identification, and Vapor Mitigation Lessons Learned at a Superfund Site. M. Patil, J.D. Graber, and D.C. Shipman.	G2. VAPOR INTRUSION MITIGATION AND EFFECTIVENESS	Monday, 4/9/2018	Mukta Patil, PE Project Engineer San Jose, CA
4	Strategy Used to Avoid Design and Construction of Active Methane Mitigation Systems. M. Patil, S. Reinis, and J. Ludlow.	G2. VAPOR INTRUSION MITIGATION AND EFFECTIVENESS	Monday, 4/9/2018	Mukta Patil, PE Project Engineer San Jose, CA
5	Strategy Used to Distinguish between Potential Vapor Intrusion, Indoor Sources, or Building Systems Malfunction. S. Reinis, H. Farr, J. Schaettle, and J.F. Ludlow.	G2. VAPOR INTRUSION MITIGATION AND EFFECTIVENESS	Monday, 4/9/2018	Sigrida Reinis, PhD, PE Associate Oakland, CA
6	Geochemical and Microbiological Progress Metrics for Bioremediation of Mixed Chlorinated Ethenes and Methanes. B. Bond, M. Morris, L. Zeng, and S. Abrams.	E2. MANAGING/REMIEDIATING CHLORINATED SOLVENT IMPACTS AT FRACTURED BEDROCK SITE	Tuesday, 4/10/2018	Bob Bond, PG Associate Doylestown, PA
7	Seeking Site Closure in Bedrock: In Situ Chemical Oxidation Strategy for Treatment of a TCE Plume in Fractured Bedrock. H. Nichols, E. Sterzinar, B. Blum, and S. Abrams	E2. MANAGING/REMIEDIATING CHLORINATED SOLVENT IMPACTS AT FRACTURED BEDROCK SITES	Tuesday, 4/10/2018	Howard Nichols, PE Senior Project Manager Lawrenceville, NJ
8	Biogeochemical Remediation at a Highly Fractured Bedrock Aquifer. L. Zeng, A. Oka, K. Kelly, B. Bond, S. Abrams, and S. Ueland.	B4. ABIOTIC AND IN SITU BIOGEOCHEMICAL PROCESSES	Wednesday, 4/11/2018	Lingke Zeng, EIT, LEED AP Remediation Specialist Doylestown, PA

9	The Challenges of Relying on Land Use Planning for Remedy Decisions at Hunters Point Shipyard. D. Shipman, C. Rain, A. Brownell, and T. Drew	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Wednesday, 4/11/2018	Dorinda Shipman, PG, CHG Principal San Francisco, CA
10	Transforming Alameda Point: Reuse and Revitalization of a Superfund Site. D. Shipman, C. Rain, J. Ernst, B. Graves, and J. Feeley	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Wednesday, 4/11/2018	Dorinda Shipman, PG, CHG Principal San Francisco, CA
11	PFAS and 1,4-Dioxane Treatment for Drinking Water System Optimization. S. Abrams, L. Zeng, N. Najib, A. Ciblak, C. Barnes, and R. Andersen.	A10. PUMP AND TREAT FOR PFAS REMEDIATION	Thursday, 4/12/2018	Stewart Abrams, PE Principal & Director of Remediation Technology Lawrenceville, NJ
12	Bioremediation and Enhanced Chemical Reduction via EZVI at an Active Brownfield Redevelopment Site. L. Zeng and B. Gochenur.	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	Lingke Zeng, EIT, LEED AP Remediation Specialist Doylestown, PA
13	Combined Treatment Train to Address Mixed Plume at an Urban Brownfield Site. J.F. Good, J. Hayes, B. Gochenaur, M. Burke, A. Schmiedicke, L. Zeng, S. Abrams, and M. Dooley.	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	Joseph Good, PE, LEED AP Senior Project Manager New York, NY
14	Simultaneous Remediation of a Former Gasoline Filling Station and Construction of a 10-Story Mixed Use Development. B. Gochenaur, H. Nichols, S. Abrams, M. Burke, and J. Hayes.	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	Brian Gochenaur, QEP Senior Project Manager New York, NY
15	* Hybrid Landfill Gas Mitigation System Implementation. O. Uppal, N. Najib, S. Abrams, H. Nichols, I. Khan, V. Yarina, and R. Simon.	E9. LANDFILL REDEVELOPMENT AND MANAGEMENT	Thursday, 4/12/2018	Omer Uppal Senior Project Engineer Parsippany, NJ
16	Emerging Contaminant Considerations While Performing Due Diligence for Property Transactions. C. Leas, J. Hayes, M. Burke, and J. Good.	D7. REUSING AND REVITALIZING CONTAMINATED SITES	Thursday, 4/12/2018	Jason Hayes, PE, LEED AP Principal New York, NY