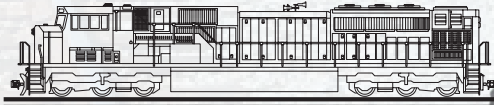


18th RAILROAD ENVIRONMENTAL CONFERENCE



1-2 NOVEMBER 2016
PROGRAM



American Short Line and
Regional Railroad Association



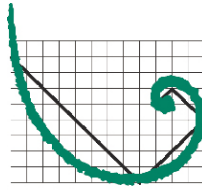
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Conference Overview & Featured Events

MONDAY, OCTOBER 31ST, 2016

Exhibitor set-up 1:00pm - 5:00pm Exhibit Hall

TUESDAY, NOVEMBER 1ST, 2016

Registration Open 7:00am - 5:00pm Exhibit Hall

Continental Breakfast 7:00am - 9:00am Exhibit Hall

Plenary Session 8:00am - 9:25am Ballroom

Break 9:25am - 9:55am Exhibit Hall

Presentation Sessions 9:55am - 11:55am 314A/314B

Luncheon 11:55am - 1:25pm Ballroom

Presentation Sessions 1:25pm - 3:05pm 314A/314B

Break 3:05pm - 3:35pm Exhibit Hall

Presentation Sessions 3:35pm - 5:15pm 314A/314B

Reception/Poster Presentations 5:15pm - 6:45pm Exhibit Hall

AREMA Committee 13 Banquet* 7:15pm - 9:00pm Ballroom

Railroad Environmental Achievement Awards

Grete S. Bridgewater - Canadian Pacific Railroad

David C. Clark - AT&SF, BNSF Railway

Donald G. Girard - BN, BNSF Railway

Lanny A. Schmid - Union Pacific Railroad

WEDNESDAY, NOVEMBER 2ND, 2016

Registration Open 7:00am - 5:00pm Exhibit Hall

Continental Breakfast 7:00am - 9:00am Exhibit Hall

Plenary Session 8:00am - 9:20am Ballroom

Break 9:20am - 9:50am Exhibit Hall

Presentation Sessions 9:50am - 11:50am 314A/314B

Luncheon 11:50am - 1:20pm Ballroom

Presentation Sessions 1:20pm - 3:00pm 314A/314B

Break 3:00pm - 3:30pm Exhibit Hall

Presentation Sessions 3:30pm - 5:30pm 314A/314B

Adjourn 5:30pm

Exhibitor Breakdown 5:30pm - 7:30pm Exhibit Hall

Trivia Night - AREMA Student Chapter 8:30pm - 10:00pm Blind Pig

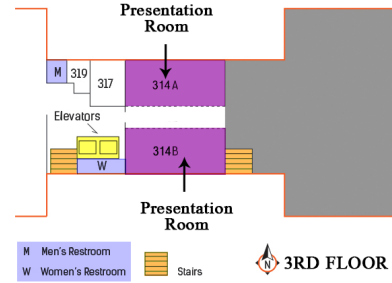
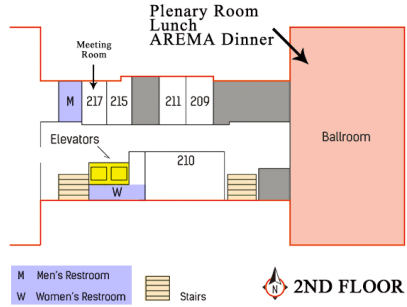
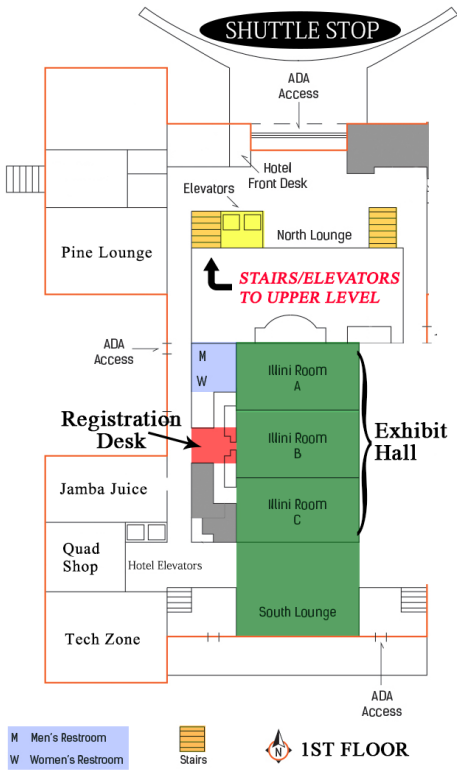
(Blind Pig is located at 120 N Walnut St, Champaign IL)

*Advance registration needed for AREMA banquet

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Emergency Information



Dial **911** for assistance or **9-911** from a campus phone. The conference location is: Illini Union, 1401 W. Green St., Urbana, IL.



Tornado: Use the stairs on the north or south side of the building to go to the basement for shelter.



Fire: Use the doors located on the west side of the building and meet near the Alma Mater statue.

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Plenary Session

Moderator: Chuck Cline - Cardno
Location: Ballroom (2nd Floor)

- 8:00** **Welcome and Introduction**
Christopher Barkan - University of Illinois at Urbana-Champaign
- 8:10** **Environmental Issues Affecting the North American Railroads**
Robert Fronczak - Association of American Railroads
- 8:35** **A Sheen, A Seep, A Mystery - A Case Study on the Importance of Developing a Strong Conceptual Site Model Based on Multiple Lines of Evidence**
Jay Diebold & Charles Zimney - Golder Associates, Inc
Curtis Bartz & Stella Karnis - CN
- 9:00** **The Benefits of a Rails to Trails Program**
Sam Ross & Matt Coffing - CSX Transportation, Inc

9:25 **BREAK - Exhibit Hall**

Remediation

Moderators: Stella Karnis - CN / Martina Schlauch Jones - Arcadis
Location: Illini Room 314A

- 9:55** **Disposal Minimization Strategies for Metals and TPH Impacted Soil for a 240-acre Railyard Redevelopment Project**
Brian Magee & Chris Wright - ERM
Lauren Mancuso - Union Pacific Railroad
- 10:15** **Ending the O&M Cycle**
Andrew Robinson & Richard Adams - Arcadis
William Parry - CSX Transportation, Inc
- 10:35** **Use of Cement-Based Binders for Chemical Stabilization of Metals-Impacted Railbed Materials**
Della Berwanger - Canadian Pacific Railroad
Steve Desrocher - Golder Associates, Inc
- 10:55** **Construction Soil Evaluation Program**
Geoffrey Reeder - Union Pacific Railroad
- 11:15** **Aggressive Action at Dump Site Avoiding Superfund Liability**
Tyler McNabb, Leroy Leonard & Duane Graves - Geosyntec Consultants, Inc
Daniel Dyer - CSX Transportation, Inc
- 11:35** **Bioavailability Studies of PAHs in Soil Can Reduce Clean-Up Costs**
Brian Magee, Norman Forsberg & Glenn Hoeger - Arcadis

11:55 **LUNCH - Ballroom (2nd Floor)**

Conference Presentation Summaries & Slides

http://railtec.illinois.edu/RREC/2016_Presentations.php

Environmental Analytical Issues

Moderator: John Williams - Pace Analytical Services /
Betsy Beauchamp - TestAmerica
Location: Illini Room 314B

- 9:55** **Using the Bioaccessibility of Arsenic in Soil as a Risk Assessment Tool at Arsenic Impacted Railroad Sites**
Mellisa Powers & Curt Wolf - TRC Companies, Inc
Maura Matthews - CN
- 10:15** **Using Laser-Induced Fluorescence Frozen Core Analysis (LIFFCA) to Improve NAPL Conceptual Site Models**
Jeff Gentry & Michael Niemet - CH2M HILL
Randy St Germain - Dakota Technologies, Inc
- 10:35** **Environmental Forensics: Applications for the Railroad Industry**
Aaron Peacock - Pace Analytical Services
- 10:55** **How Well Do You Know Lab Reports? - Making Sense Out of Seemingly Simple Lab Reports**
Erin Rodgers - Environmental Standards
L. Christopher Oakes - Norfolk Southern Railway
- 11:15** **Petroleum Hydrocarbon Impacted Sites: Quantifying Presence of Naturally Occurring Methane Gas and Implications for Site Restoration Efforts**
Allan Horneman, Mark Klemmer, Monica Heintz & Julie Sueker -
Arcadis
William Parry - CSX Transportation, Inc

11:55 **LUNCH - Ballroom (2nd Floor)**

Remediation - LNAPL / Ecological Conservation

Moderator: Craig Caldwell - Amtrak / Jay Martin - Amec Foster Wheeler, Inc
Location: Illini Room 314A

- 1:25** **Rapid Site Characterization and Conceptual Site Model Development in Light of Data Quality Failure**
L Christopher Oakes - Norfolk Southern Railway
Matthew Zenker & Mark Holsing - AECOM
- 1:45** **In-Site Thermal Remediation at Complex DNAPL Canadian Rail Yard Site**
Jeremy Coughlin & LeeAnn Thomas - Canadian Pacific Railway
Peter Kornelsen & John LaChance - Arcadis
- 2:05** **Surfactant Enhanced Recovery of Separate-Phase Petroleum Hydrocarbons**
Richard Mohlenhoff - Amtrak
Charlie McGuckin - Roux Associates, Inc
- 2:25** **Construction of Remedy to Address NAPL Migration to Great Lakes and Meet Michigan Groundwater-Surface Water Interface Criteria**
Jeff Gentry & Tom Hutchinson - CH2M HILL
Geoffrey Reeder - Union Pacific Railroad
- 2:45** **Leveraging Existing Relationships with Regulators to Achieve Win-Win Outcomes: CP's Environmental Response to Record Floods**
Joe Van Humbeck - Canadian Pacific Railway
Kasey Clipperton - Golder Associates, Inc

3:05 **BREAK - Exhibit Hall**

Ecological Conservation

Moderator: Luanne Patterson - CN / Leo Thorbecke - TRC Companies, Inc
Location: Illini Room 314A

- 3:35** **Post-Remediation Habitat Restoration Provides Long-term Benefits to an Underutilized Site A Case Study of the CSXT Valley Park Conservation Certification Project**
Rick Jensen & Paul Botek - Geosyntec Consultants
William Parry - CSX Transportation, Inc
- 3:55** **Reconstruction of an Ecosystem, Cheakamus River Sodium Hydroxide Derailment – 10 Years Later**
Luanne Patterson - CN
- 4:15** **Assessing the Potential for Toxic Effects on Sensitive Aquatic Habitat Following a Coal Train Derailment**
Christina Chan, Shannon Bard, Francisco Perello & Jennifer Trowell -
Keystone Environmental Ltd
Karla Graf - CN
- 4:35** **Finding Opportunities for Habitat in Rights-of-Way**
Iris Caldwell - University of Illinois-Chicago
Bob Toy - Union Pacific Railway
- 4:55** **Railways and Fish - How to Protect and Enhance Fish Habitat Values at Stream Crossings through Project Design**
Chris Dane - Canadian Pacific Railway
Trevor Welton - Hemmera Envirochem Inc

5:15 **Poster Presentation Reception - South Lounge (details on page 14-15)**

Noise & Vibration / Passenger Rail & Transit

Moderator: Gary Rozmus - GEI Consultants

Location: Illini Room 314B

- 1:25 VAT Reconstruction Noise and Vibration Monitoring Plan**
Rick Nath - CSX Transportation, Inc
Ahmed El-Aassar - Gannett Fleming, Inc
- 1:45 Addressing Rail Noise and Vibration Concerns in Downtown Areas near Historic Properties**
Jacob Poling & Erich Thalheimer - WSP | Parsons Brinckerhoff
- 2:05 Keeping the FRA Happy Environmental Permitting on Intercity Passenger Rail Corridor Projects**
Kevin Keller - HDR
Emily Stock - Virginia Department of Rail and Public Transportation
- 2:25 DC2RVA: Railway Environmental Analysis and Compliance through ArcGIS Online (AGOL)**
Bridget Ward & Leandra Cleveland - HDR
- 2:45 Texas Central Railway: An Innovative Approach to Engineering and Environmental Design Coordination under NEPA**
Keith Seymour & Jesus Serrano - Arup
Rick Zarate - Freese and Nichols
Shaun McCabe - Texas Central Partners

3:05 BREAK - Exhibit Hall

Risk & Liability Management

Moderator: Mark Murphy - GHD

Location: Illini Room 314B

- 3:55 Proactive Project Tracking Strategies to Ensure Efficient Management of Liabilities**
Aimee Zack - Canadian Pacific Railway
Shalene Thomas - Amec Foster Wheeler, Inc
- 4:15 Modeling Crude-by-Rail Releases Overland and into Aquatic Environments to Assess Risk**
Matthew Horn, Jeremy Fontenault & Jenna Ducharme - RPS ASA
- 4:35 Asbestos Management Applied Analytical Methods on Railroad Operations**
Susana Lizcano & V. Blake Knight - Union Pacific Railroad
Tracy Bramlett - IHST Inc
- 4:55 Railroad Real Estate Acquisitions: Due Diligence and Liability Mitigation**
Samuel Ross & Coley Campbell - CSX Transportation, Inc
Aaron Getchell - Gannett Fleming, Inc

5:15 Poster Presentation Reception - South Lounge (details on page 14-15)

Plenary Session

Moderator: Bob Toy - Union Pacific Railroad

Location: Ballroom (2nd Floor)

- 8:00** **Leveraging Technology: 3-D Laser Recordation for Historic Structures, Brooklyn Subdivision Bridge, Oregon**
Stephen Cheney & Kevin Rice - Union Pacific Railroad
Lori Durio Price - CH2M Hill
- 8:25** **Major Crude Oil Derailment Transitioned to Monitoring Only in Less Than Ten Months**
Greg Jeffries - BNSF Railway
Rodd O'Brien & Ali Wright - Arcadis
- 8:50** **AAR Environmental Excellence Awards**
Robert Fronczak - Association of American Railroads

9:20 **BREAK - Exhibit Hall**

Compliance & Permitting

Moderators: Hugh Perry - CSX Transportation, Inc /

Kevin Keller - HDR Inc

Location: Illini Room 314A

- 9:50** **Threatened and Endangered Species: You Think You are Covered? Think Again!**
Richard Nath - CSX Transportation, Inc
Jonathan Allen - Amec Foster Wheeler, Inc
Dave Czakya - EnviroScience, Inc
Lauren Shaffer - Wetland Studies and Solutions, Inc
- 10:10** **Using a Programmatic Agreement as a Bridge to the Future: Streamlining Historic Clearance for Hundreds of Wooden Trestle Bridges**
Raghu Chatrathi - CSX Transportation, Inc
Marty Marchaterre - Amec Foster Wheeler, Inc
- 10:30** **Hurricane Sandy Raises the Yards, Permitting Raises the NEPA Bar**
Joshua Gillespie & Jean-Philippe Magron - HDR
- 10:50** **Maintaining Environmental Compliance during a Natural Disaster: CSX Transportation's Emergency Response to the Historic South Carolina Flooding**
Matt Adkins, Rick Nath & Jacob Metcalf - CSX Transportation, Inc
Lance Rasnake & Troy Neisz - Amec Foster Wheeler, Inc
- 11:10** **Design and Permitting Coordination to Reduce Environmental Permitting Requirements, UPRR Salt Creek Bridge, Southern California**
Steve Cheney & Kevin Rice - Union Pacific Railroad
Janet Hill & James Gorham - CH2M HILL
- 11:30** **Using a PMP Approach to Attain TMDLs - (An Update to the PMP Approach to PCB Loading Reduction at Two Amtrak Facilities)**
Craig Caldwell - Amtrak
Frank Aceto - Stantec

11:50 **LUNCH - Ballroom (2nd Floor)**

Conference Presentation Summaries & Slides

http://railtec.illinois.edu/RREC/2016_Presentations.php

Energy, Emissions & Air Quality / Environmental Response

Moderators: Kevin Maggay - BNSF Railway / Ken Richardson - Arcadis
Location: Illini Room 314B

- 9:50** **California Air Update - Implications for all Roads**
Kevin Maggay - BNSF Railway
Bob Toy - Union Pacific Railroad
- 10:10** **Building an Air Compressor Strategy That Pays**
Ben Crandall & Eric Kaplan - Union Pacific Railroad
- 10:30** **Air Regulatory Program Inspections at Railyards**
Amanda Marruffo - BNSF Railway
Emmett Keegan & Michael Lawrence - TRC Companies, Inc
- 10:50** **Improving Mass Balance Through Test Burns**
Michael Bethge - CSX Transportation, Inc
Frederick Payne & Andrew McManus - Arcadis
- 11:10** **Vulnerability Analysis Expanded Capabilities in Spill Response**
Karen Adams - CSX Transportation, Inc
Sarah Elsokkary & Tiffanee Grumbly - Arcadis
- 11:30** **Utilizing the National Incident Management System (NIMS) and the Incident Command System (ICS) in a Major Derailment**
Clay Pacheco - Amec Foster Wheeler, Inc
Chris Machenberg - CSX Transportation, Inc
- 11:50** **LUNCH - Ballroom (2nd Floor)**

Passenger Rail / Environmental Analytical Issues

Moderator: Joshua Sales - Kennedy/Jenks Consultants

Location: Illini Room 314A

1:20 **Rethinking Environmental Mitigation Costs - Achieving Cost Reduction and Meeting Environmental Challenges on Chicago's High Speed Rail Project**
Stephen Cheney - Union Pacific Railroad
Jeffrey Frantz - CH2M Hill

1:40 **Untapped Power of Data Validation**
Erin Rodgers - Environmental Standards
L. Christopher Oakes - Norfolk Southern Railway

Sustainability

Moderator: Celia Ann Pfeckl - Amtrak

Location: Illini Room 314A

2:00 **Railroad Sustainability Panel**
John Lovenberg - BNSF Railway
Bob Toy - Union Pacific Railroad
Beth Termini - Amtrak
Carl Gerhardstein - CSX Transportation, Inc
Esi Langston - Norfolk Southern Railway

3:00 **BREAK - Exhibit Hall**

Sustainability

Moderator: Meaghan Atkinson - CSX / Jon Germer - Union Pacific

Location: Illini Room 314A

3:30 **Title to be Determined**
Scott Nadler - Nadler Strategy

4:15 **Benefits from Incorporating a Green Approach at Two CSX Intermodal Terminals**
Hugh Perry - CSX Intermodal Terminals, Inc
Sarah Elsokkary & Diane Nguyen - Arcadis

4:30 **Norfolk Southern's Combined Heat/Power Energy Improvement Project**
Bill Hodan - Amec Foster Wheeler, Inc
Russell McDaniel & Esi Langston - Norfolk Southern Railway

4:45 **L'Anse Waste Diversion and Cost Savings Initiative**
Kurt Wrigau & Rachel Marcum - Heritage Interactive Services

5:00 **Questions and Discussion**

5:30 **Adjourn**

Environmental Response

Moderator: Robert Fronczak - Association of American Railroads

Location: Illini Room 314B

- 1:20** **CN's Environmental Response to the Gogama Derailments**
 Aaron Stadnyk - CN
 Dan Murray, Brad Free & Ryan Shepherd - GHD
- 1:40** **Spill Response Planning and Readiness Assessments**
 Eric Chang - Norfolk Southern Railway
 Jeff Pierce - AECOM
- 2:00** **Integrated Environmental Risk Assessments of Crude Oil Releases in Northern Ontario**
 Andrew Pawlisz & Laura Lawlor - GHD
 Aaron Stadnyk - CN
- 2:20** **What We Learned from Ethanol Train Derailment Fires**
 Michael Hildebrand - Hildebrand and Noll Associates, Inc
 Wade Narin van Court - TRC Companies, Inc
- 2:40** **Saving the Vermonter: How Teamwork and Coordination Led to a Successful Derailment Response and Locomotive Recovery**
 Jeffrey LaRock & Ryan Jorrey - TRC Companies, Inc
 Robert Graham - Amtrak

3:00 **BREAK - Exhibit Hall**

Stormwater & Wastewater

Moderator: Lara Thurn - AECOM

Location: Illini Room 314B

- 3:30** **Innovative Approach to Facility Site Plan Development for Storm Water Permit Compliance**
 Keith Woodburne, Carlisle Haworth, Steve Huvane & Christian Herencia - TRC Companies, Inc
 Edward Phillips - BNSF Railway
- 3:50** **Amtrak Lancaster Tunnel Discharge Elimination System - An Innovative Approach to Prevent Groundwater Infiltration from Entering the Combined Sewer System**
 Brian Sariano - Amec Foster Wheeler, Inc
 Craig Caldwell - Amtrak
- 4:10** **Ultrafilter Pilot Study**
 Lara Thurn & Lucy Pugh - AECOM
 Russ McDaniel - Norfolk Southern Railway
- 4:30** **Stormwater Quality Improvements - Technology and Opportunities in Discharge Compliance**
 Bryan Robinson - Union Pacific Railroad
- 4:50** **Meeting the Challenges of Upgrading an Aging Railyard Stormwater System**
 Devin Sprinkle & Kari Harris - CN
 Beau Perry & Kevin Kowalchuk - TRC Companies, Inc
- 5:10** **Automated Car Wash Water System**
 Ansley Grantham & Lara Thurn - AECOM
 Russ McDaniel - Norfolk Southern Railway

5:30 **Adjourn**

Compliance

CSX Intermodal Terminals, Inc. Waste Management and Compliance Services Program
Sean Grady & Amanda Gruesbeck - GHD Services Inc.
Hugh Perry - CSX Transportation, Inc.

Greenfield Permitting of Sanchez, Mexico Railway

Carl Akins - KCS Railway
Edgardo Perez Pastrana & Miguel Flores Puente - KCS de Mexico
Timothy Wippold - Arcadis

DTL Fueling To Permit or not to Permit: How the States are Treating DTL Fueling under the Clean Water Act

Peter Masson - GHD Services, Inc.
Ricki Norris - Genesee & Wyoming, Inc.

Preserving Schedule and Cultural Resources: BNSF Railway Missouri River Bridge 3.8

Amber Taylor - TranSystems

Evaluating Historic Structures and Assessing Impacts under Section 106 of the National Historic Preservation Act for Linear Transportation Projects

Kevin Rice - Union Pacific Railroad
Christine Roberts & Lori Price - CH2M Hill

Streamlining PTC Tower Approvals

Derin Warren - BNSF Railway
Tim Wippold, Bethany Strandwitz & Cole Wandler - Arcadis

Ecological Conservation

Risk Assessment of Honey Bees Potentially Exposed to Acrylonitrile

Andrew Pawlisz, Daniel Smith, & Dyron Hamlin - GHD
Billy Bullock - CSX Transportation, Inc.

Applying Measures to Minimize Adverse Effects and Achieving an Overall Net Benefit for an Endangered Species in Association with Rail Infrastructure, in Partnership with First Nations

Daniel Bourassa - Dillon Consulting Limited
Jon McEachran - Vidal Street Industrial Park Inc.

Energy, Emissions & Air Quality

Comparison of Light-Scattering and Beta-Attenuation Particulate Matter Monitoring during Railroad Tunnel Construction Activities

Dyron Hamlin, Andrew Pawlisz & Michael Hiers - GHD
Rick Nath & Billy Bullock - CSX Transportation, Inc.

Environmental Response

Emergency Response, Clean-up and Restoration following a Bridge Fire Along a Mainline

Joe Palo & Jay Diebold - Golder Associates
Brian Hayden - CN

Caught in the Storm- Recovering the Ties that Sandy Washed Away

Coley Campbell - CSX Transportation, Inc.
Jeffrey LaRock - TRC Companies, Inc.
Mark Pacicca - Miller Environmental

Ethanol has Low Toxicity, but EPA's Online Database has Errors that Present an Inaccurate First Impression and it's Time to the Facts Right

Jody Kubitz & Rachel Schultz - Cardno

Passenger Rail & Transit

Preparing a Successful (and Award-Winning!) Environmental Document

Monica Meade - WSP | Parsons Brinckerhoff
Michael Madden - Maryland Transit Administration

Remediation

A Chronological History of Phytoremediation Performance Monitoring Tools used at Creosote-Naphthalene Rail Sites

Barry Harding - AECOM

Steve Aufdenkampe - Norfolk Southern Railway

Mark Widdowson - Virginia Tech University

Incorporating Sustainability into Remedy Selection - Pilot Testing the Norfolk Southern Sustainable Remediation Program

Paul Botek & Simone Smith - Geosyntec Consultants

Scott Pittenger - Norfolk Southern Railway

Scoping Contaminated Site Assessments Near Complex Subsurface Infrastructure - A Simplified 3-D Modeling Approach

Adam Gray & Paul Botek - Geosyntec Consultants

Scott Pittenger - Norfolk Southern Railway

Remediation of a Polyaromatic Hydrocarbon Release at a Railroad Switchyard

William Lundy - DeepEarth Technologies, Inc.

Use of Innovative Investigation Techniques and Multiple Lines of Evidence to Assess Potential Vapor Intrusion in an Industrial Setting with Multiple Vapor Sources, Union Pacific Railroad Property Located in South San Francisco, CA

Jeff Paik & Ben Thompson - CH2M Hill

Lauren Mancuso - Union Pacific Railroad

An Alternative Approach to Bioventing Petroleum Hydrocarbons

Craig Dockter & Levi Fernandes - Kennedy/Jenks Consultants

Yueh Chuang & Mark Engdahl - BNSF Railway

Risk & Liability Management

Risk Management for Rail Safety- Post Lac Megantic

Vijay Raghunathan & Robin Pitblado - DNV GL

Ron Mitchell - AECOM

Considering Asbestos In Railroad Bridges, Avoiding Surprises During Repairs and Demolition - Lessons Learned from Highway Structures

Brad Glisson & James Hampel - Amec Foster Wheeler, Inc.

Stormwater & Wastewater

How to Train Your DAF Dragon

Chris Evensen - Arcadis

The Importance of Skimming Oil from the Surface of Storm Water and Wastewater at Railroad Yards

Jim Hebert & Ken Gray - Oil Skimmers, Inc.

Improving a Rail Yard Stormwater Treatment System

Bob Stolt & Lara Thurn - AECOM

Russ McDaniel - Norfolk Southern Railway

What Lies Beneath: Industrial Wastewater Collection System Integrity, Evaluation and Rehabilitation

Matthew Flint & T. Chris Evensen - Arcadis

Save the Date - 2017 RREC



October
24-25, 2017

Exhibitors

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| AquaBlock, Ltd | Eurofins Lancaster Laboratories | PeroxyChem, LLC |
| Arcadis | Evolution Sorbent Products | Pinnacle Engineering |
| BELFOR Environmental | Gannett Fleming | Polystar |
| Cardno | GEI Consultants | Ramboll Environ |
| Cascade Drilling, LP | Geo-Solutions | Regenesis |
| CB&I | Geosyntec Consultants | RPS |
| Center for Toxicology and Environmental Health, LLC | GHD | Scherzer GmbH |
| Century Group | Golder Associates | SGS Accutest |
| CH2M Hill | Haz Mat Response | StormwaterRx |
| Chase Environmental Good | HDR Engineering | SunPro |
| Clean Harbors Environmental Services | HEPACO | TestAmerica |
| Dewberry | Heritage | Tetra Tech |
| EA Engineering, Science & Technology | Hulcher Services | TRC Companies |
| Earth Services & Abatement | ICF International | Waste Management |
| Environmental Management Specialists | Industrial Maintenance Group | WSP |
| Environmental Restoration | ISC Water Solutions | |
| | JRW Bioremediation, LLC | |
| | Marion Environmental | |

Planning Committee

| | |
|--|---|
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| Chris Barkan - University of Illinois | Steve McNaughton - Union Pacific Railroad |
| Betsy Beauchamp - TestAmerica | Lance Meister - Cross-Spectrum Acoustics, LLC |
| Grete Bridgewater - Canadian Pacific Railroad | Gregg Menniti - Geosyntec |
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| Scott Keating - GEI Consultants | Amanda Taylor - AECOM |
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