

# MGP CONFERENCE 2022 PROGRAM

## Wednesday – September 28, 2022

8:00 am – 6:30 pm Registration Open

8:00 am – 1:00 pm Exhibitor and Poster Setup

### 1:00 pm – 1:20 pm Opening Remarks, Welcome to Chicago, and Keynote Address

1:00 pm – 1:10 pm Opening Remarks Dan Kopcow (GEI)

1:10 pm – 1:20 pm Welcome to Chicago and Keynote Address Dave Palmer (Ameren)

### 1:20 pm – 2:50 pm SESSION 1 Innovative Site Characterization Techniques

1:20 pm – 1:25 pm Moderator's Introduction Mark Castro (Avangrid)

1:25 pm – 1:45 pm Soil Vapor Fingerprinting to Differentiate Petrogenic and Pyrogenic Sources James Rice (Gradient)

1:45 pm – 2:05 pm Use of PAH Compositional Analysis to Resolve Confounding Factors in Predictive and Empirical Sediment Toxicity Jay Peters (Haley & Aldrich, Inc.)

2:05 pm – 2:25 pm Use of Geochemical and Hydraulic Analyses to Investigate and Confirm Counterintuitive Groundwater Migration Pathways and Discharge Areas at a Former MGP Site James Marolda (Brown and Caldwell)

2:25 pm – 2:45 pm Weight-of-Evidence Approach to Estimate Release Timing at a Former MGP Site John Kondziolka (Gradient)

2:45 pm – 2:50 pm Moderator – Q&A Mark Castro (Avangrid)

### 2:50 pm – 3:20 pm Refreshment Break in Exhibit Hall and Poster Hall

### 3:20 pm – 4:50 pm SESSION 2 In-Situ Technologies

3:20 pm – 3:25 pm Moderator's Introduction Joe Foglio (GZA)

3:25 pm – 3:45 pm Manistee In-River ISS Remediation Matt Williams (Arcadis)

3:45 pm – 4:05 pm Cost-Effectiveness and Evaluation of In Situ Soil Stabilization Remedies at Five MGP Sites Marek Ostrowski (Brown and Caldwell)

4:05 pm – 4:25 pm The evolution of two remediation methods: Combined In Situ Stabilization (ISS) and In Situ Chemical Oxidation (ISCO) Josephine Molin (Evonik Active Oxygens)

4:25 pm – 4:45 pm Lessons Learned on MGP Site Remediations Involving Soil Mixing Darin Payne (Geo-Solutions, Inc.)

4:45 pm – 4:50 pm Moderator - Q&A Joe Foglio (GZA)

### 5:00 pm – 6:30 pm Reception in Exhibit Hall and Poster Hall

# MGP CONFERENCE 2022 PROGRAM

## Thursday – September 29, 2022

8:00 am – 6:30 pm Registration Desk

7:30 am – 8:30 am Continental Breakfast

### **8:30 am – 10:00 am**      **SESSION 3** **Remediation Case Studies**

|                    |                                                                                                                                 |                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 8:30 am – 8:35 am  | Moderator's Introduction                                                                                                        | Gary Rose (Sevenson)                                        |
| 8:35 am – 8:55 am  | A Novel Use of Slurry Wall Construction Methods at a former MGP site to Support Bulk Excavation in Close Proximity to Utilities | Douglas Kier (AECOM)                                        |
| 8:55 am – 9:15 am  | A New and Noteworthy Capping Option                                                                                             | Dan Wibralski (J. F. Brennan Company, Inc.)                 |
| 9:15 am – 9:35 am  | Alternate Engineered Barrier                                                                                                    | Anthony Walas (Burns & McDonnell Engineering Company, Inc.) |
| 9:35 am – 9:55 am  | Implementation of a Multi-faceted In-Situ Remedy at an Active Gas Operations Facility                                           | Geoffrey Schwartz (GZA)                                     |
| 9:55 am – 10:00 am | Moderator – Q&A                                                                                                                 | Gary Rose (Sevenson)                                        |

### **10:00 am – 10:30 am**      **Refreshment Break in Exhibit Hall and Poster Hall**

### **10:30 am – 12:00 pm**      **SESSION 4** **Sediment Remediation**

|                     |                                                                                                                                    |                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 10:30 am – 10:35 am | Moderator's Introduction                                                                                                           | Andrew Timmis (J.F. Brennan) |
| 10:35 am – 10:55 am | If It's Immobile, How Did It Get There? Debunking NAPL Presence as Evidence of NAPL Mobility in Sediments                          | Michael Gefell (Anchor QEA)  |
| 10:55 am – 11:15 am | Groundwater to Surface Water Discharge: Addressing Sediment Sheen Case Studies of Full-Scale Treatment Systems                     | John Collins (AquaBlok Ltd.) |
| 11:15 am – 11:35 am | Manistee Sediment Remediation                                                                                                      | Eric Dievendorf (Arcadis)    |
| 11:35 am – 11:55 am | Opportunities for Cost Savings and More Sustainable Remedies in Sediment - Implications of the new ASTM Standards on NAPL Mobility | Lisa Reyenga (GEI)           |
| 11:55 am – 12:00 pm | Moderator – Q&A                                                                                                                    | Andrew Timmis (J.F. Brennan) |

### **12:00 pm – 1:00 pm**      **Lunch Break**

|                    |                                                                                       |                      |
|--------------------|---------------------------------------------------------------------------------------|----------------------|
| 12:30 pm- 12:50 pm | You Want to Do What? Managing Risk for a First-of-Its-Kind Full-Scale In-Situ Project | Dave Palmer (Ameren) |
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# MGP CONFERENCE 2022 PROGRAM

Thursday September 29, 2022 (continued)

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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>1:00 pm – 2:30 pm</b> | <b>SESSION 5</b><br><b>Stakeholder Management</b>                                                                                    |                                      |
| 1:00 pm – 1:05 pm        | Moderator's Introduction                                                                                                             | Michele Gurgas (ComEd)               |
| 1:05 pm – 1:45 pm        | State of MGP Remediation 2022                                                                                                        | John Ripp (GEI)                      |
| 1:45 pm – 2:05 pm        | Challenges of Relocating Utilities During ISS Remediation                                                                            | Ron Hager (Burns & McDonnell)        |
| 2:05 pm – 2:25 pm        | When to Walk Away                                                                                                                    | Brian Holderness (Ameren)            |
| 2:25 pm – 2:30 pm        | Moderator – Q&A                                                                                                                      | Michele Gurgas (ComEd)               |
| <b>2:30 pm – 3:40 pm</b> | <b>SESSION 6</b><br><b>Long-Term Stewardship</b>                                                                                     |                                      |
| 2:30 pm to 2:35 pm       | Moderator's Introduction                                                                                                             | Ben Clement (Burns & McDonnell)      |
| 2:35 pm – 2:55 pm        | Highest and Best Use: The Intersection of MGP and Environment, Social and Governance Matters                                         | Timothy Goodson (GEI)                |
| 2:55 pm – 3:15 pm        | Redevelopment of Former Manufactured Gas Plant Site for Residential Use                                                              | Michael Gray (GZA)                   |
| 3:15 pm – 3:35 pm        | Re-Opening MGP Sites - State NFA letter in Hand, Closed and Off the Books, Then You Get a Call                                       | Brandon Teel (GEI)                   |
| 3:35 pm – 3:40 pm        | Moderator - Q&A                                                                                                                      | Ben Clement (Burns & McDonnell)      |
| <b>3:40 pm – 4:10 pm</b> | <b>Refreshment Break in Exhibit Hall and Poster Hall</b>                                                                             |                                      |
| <b>4:10 pm – 5:00 pm</b> | <b>SESSION 7</b><br><b>Community Relations</b>                                                                                       |                                      |
| 4:10 pm – 4:15 pm        | Moderator's Introduction                                                                                                             | George Varela (ComEd)                |
| 4:15 pm – 4:35 pm        | Environmental Justice and the MGP Community: Programs and Screening Tools                                                            | Matthew Mayo (Gradient)              |
| 4:35 pm – 4:55 pm        | Proactive Communications, Active Listening, and a Fancy Sign: Getting Permission to Process Dredge Spoils in an Historic Public Park | Sean Carroll (Haley & Aldrich, Inc.) |
| 4:55 pm – 5:00 pm        | Moderator - Q&A                                                                                                                      | George Varela (ComEd)                |
| <b>5:00 pm – 6:30 pm</b> | <b>Reception in Exhibit Hall and Poster Hall</b>                                                                                     |                                      |

# MGP CONFERENCE 2022 PROGRAM

## Friday – September 30, 2022

**8:00 am – 12:00 pm**      **Registration Open**

7:00 am – 8:00 am      Continental Breakfast

**8:00 am – 9:10 am**      **SESSION 8**  
**Remediation Case Studies**

|                   |                                                                                                     |                                 |
|-------------------|-----------------------------------------------------------------------------------------------------|---------------------------------|
| 8:00 am – 8:05 am | Moderator's Introduction                                                                            | Jason Brien (Arcadis)           |
| 8:05 am – 8:25 am | Conducting an MGP Project Remediation in a Congested Setting during COVID-19                        | Derek Tomka (Liberty Utilities) |
| 8:25 am – 8:45 am | Alternative Contracting Strategy Effectively Manages Risk at a Former Tar Manufacturing and Storage | Terry Young (Arcadis)           |
| 8:45 am – 9:05 am | Risk-based Remediation Case Study                                                                   | Meghna Swamy (Gradient)         |
| 9:05 am – 9:10 am | Moderator – Q&A                                                                                     | Jason Brien (Arcadis)           |

**9:10 am – 10:20 am**      **SESSION 9**  
**Innovative Site Characterization Techniques**

|                     |                                                                                                   |                                     |
|---------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|
| 9:10 am – 9:15 am   | Moderator's Introduction                                                                          | Heather Prentice (Consumers Energy) |
| 9:15 am – 9:35 am   | Refine your Pathway: Positive Outcomes from a Robust Conceptual Site Model                        | Titania Ng (Haley & Aldrich, Inc.)  |
| 9:35 am – 9:55 am   | MGP Residuals in Bedrock: Correlation of Water-Bearing Fracture Zones with Stratigraphic Horizons | Bob O'Neill (Brown and Caldwell)    |
| 9:55 am – 10:15 am  | Real-Time Forensic Evaluation of PAHs During Sediment Investigation in an Urban Waterway          | Eric Hritsuk (Ramboll)              |
| 10:15 am – 10:20 am | Moderator – Q&A                                                                                   | Heather Prentice (Consumers Energy) |

**10:20 am – 10:50 am**      **Refreshment Break in Exhibit Hall and Poster Hall**

**10:50 am – 12:00 pm**      **SESSION 10**  
**Sediment Remediation**

|                     |                                                                                                                                                 |                                      |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 10:50 am – 10:55 am | Moderator's Introduction                                                                                                                        | Bill Haswell (Haley & Aldrich, Inc.) |
| 10:55 am – 11:15 am | Fires, COVID, and MEC, Oh My! Overcoming Unexpected Challenges During Remedial Construction in Portland, Oregon                                 | Robert Wyatt (NW Natural)            |
| 11:15 am – 11:35 am | Hybrid Remedial Approach of Sediment Using Subaqueous ISS and Dredging Results in a Stable, and Cost-effective Remedy that Reduced Project Risk | Dave Lowry (AECOM)                   |
| 11:35 am – 11:55 am | Successfully Combining Upland and In-Water Remedies: Groundwater Hydraulic Control and Containment Facilitates Sediment Capping                 | John Renda (Anchor QEA)              |
| 11:55 am – 12:00 pm | Moderator – Q&A                                                                                                                                 | Bill Haswell (Haley & Aldrich, Inc.) |

# MGP CONFERENCE 2022 PROGRAM

12:00 pm – 12:10 pm

Closing Comments

Dan Kopcow (GEI)

**CONFERENCE ADJOURNS**