



**SMWG**  
Sediment Management Work Group

## Sponsor Forum

**November 13-14, 2024**  
**ExxonMobil Campus, Spring, TX**

### Day 1

- 7:00 AM      Arrival/Security Clearance and Breakfast (breakfast begins 7:40 AM)
- 8:40 AM      Welcome – *Laurie Matthews, Morgan Lewis/SMWG Coordinating Counsel*

#### **Session 1 – Sediment Modeling & Monitoring**

- 9:00 AM      Characterization of Ambient Polychlorinated Biphenyl Background Conditions in Surface Waters of the Pajarito Plateau, New Mexico  
*John Toll | Windward Environmental*
- 9:20 AM      Kinetic Differences Between Granular and Powder Activated Carbon Evaluated and Demonstrated Through CapSim Modeling and Column Study  
*John Collins | AquaBlok*  
*Moses Ajemigbitse | AquaBlok*
- 9:40 AM      Modeling Contaminant Transport Utilizing a Combined Hydrodynamic Sediment Transport and Contaminant Box Model  
*Nicholas D. Rose | Verdantas*
- 10:00 AM      Lower Fox River Statistical Methodology for Long Term Monitoring Plan Update  
*Stephen Lehrke | Foth*
- 10:20 AM      Networking Break

10:40 AM      **Panel 1 – Owner, Consultant, and Contractor Coordination/Collaboration – the Key to Ensuring Success at Complex Sediment Sites**

*Moderator:*      *George Hicks / Haley & Aldrich*

*Panelists:*      *Mark Gravelding / Arcadis*

*Mike Crystal / Severson Environmental Services*

*Andrew Timmis / JF Brennan*

*Bob Wyatt / NW Natural*

**Session 2 – Sediment Use**

11:40 AM      Innovative Blending of Large Volume Dredged Materials to Reduce Pollutant Risk and Enable Sustainable Reuse

*Songjing Yan / University of Maryland Baltimore County (currently at Exponent)*

12:00 PM      Stormwater Management Pond Sediment – Valuable Resource or Costly Waste?

*Francine Kelly-Hooper / GHD*

12:20 PM      Lunch & Interactive Activity

**Session 3 – Sampling & Analysis**

1:40 PM      A Best Practices User's Guide for Sediment Porewater Passive Sampling for Inorganic Constituents of Concern

*Jason Conder / Geosyntec Consultants*

2:00 PM      Developing Preliminary Remediation Goals using Sediment Toxicity Tests: Potential Analytical Pitfalls

*Susan Kane Driscoll / Exponent*

2:20 PM      Integrative Chemical–Biological Grouping of Complex High Production Volume Substances from Lower Olefin Manufacturing Streams as Applied to Environmental Matrices

*Alexandra Cordova / Exponent*

2:40 PM      **Panel 2 – Principal Threat Waste**

*Moderator:*      *Wardah Azhar / Parsons*

*Panelists:*      *Bob Wyatt / NW Natural*

*Sean Sheldrake / CDM Smith*

*Tim Johnson / Anchor QEA*

3:40 PM      Networking Break

#### **Session 4 – PFAS in Sediment**

- 4:00 PM      Validation of an Equilibrium Passive Sampler for PFAS Quantification at Sediment Sites  
*Brent G. Pautler / SiREM, a Division of Geosyntec Consultants*
- 4:20 PM      The Influence of PFAS Regulations on Sediment Disposal  
*Amanda Shellenberger / Anchor QEA*
- 4:40 PM      Site-Specific Concerns for Investigations at PFAS Sites: Bioaccumulation Factors for Freshwater Fish  
*Kenia Whitehead / GSI Environmental Inc.*
- 5:30 PM – 7:30 PM      **Sponsor/Member Cocktail Reception** – Houston CityPlace Marriott at Springwoods Village

### **Day 2**

- 8:00 AM      Breakfast

#### **Session 5 – Case Studies**

- 9:00 AM      Bayou d’Inde Sediment Remediation and Marsh Restoration Project  
*Mike Crystal / Severson Environmental Services*
- 9:20 AM      Positive Application of ASTM Guidance for the Occurrence and Mobility of NAPL in Sediment  
*Emma Applegate / Kleinfelder*
- 9:40 AM      Quantitative Bounding Evaluation of the Importance of Shoreline Seeps in a Complex Urban Superfund Site  
*Laura Bateman / Anchor QEA*
- 10:00 AM      World History (Cold War to Present) Preserved in the Sediment Record at an Industrial Facility  
*Emma Applegate / Kleinfelder*
- 10:20 AM      Networking Break
- 10:40 AM      **SMWG 2025 – Strategic Planning – Policy and Project Initiatives**  
Breakout Member/Sponsor Groups
- 11:40 AM      Closing Remarks
- 12:00 PM      Lunch