

# AGAT Laboratories **techtalks 2021**

**virtual event**  
march 1 to 12

Grab your favourite hot beverage and come join us for the first-ever morning series of **AGAT Tech Talks** in a virtual format! This year we have focused on providing content that reflects not only the highly specialized work that is done in our country in the fields of environmental science and technology, but also a focus on information that supports us all in our business and personal lives. We have acquired a strong roster of accomplished professionals from across Canada who will present on a suite of topics we hope you each find value and interest in. We'd love for you to follow this special virtual edition of **AGAT Tech Talks** from the comfort of your home, office or any working set-up you happen to have.

## week one

### March 1

- |                |   |
|----------------|---|
| <b>8:20 AM</b> | <b>Introduction and Welcome</b><br>Kelly Howard, Director of Marketing<br><i>AGAT Laboratories</i>  |
| <b>8:30 AM</b> | <b>Applying Environmental Risk Intelligence and Data-Driven Solutions to Make Complex Site Closure Simple</b><br>Andrea Bullinger, Strategy Manager, Environmental, and Brandon Smith, Senior Risk Assessor<br><i>360 Energy Liability Management</i> |
| <b>9:30 AM</b> | <b>Waterloo Membrane Sampler: Passive Sampling in Remediation Projects; Soil Gas, Outdoor Air and Implications for Vapor Intrusion Studies</b><br>Brent G. Pautler, Chemistry Services Manager<br><i>SiREM</i>  |

### March 2

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|----------------|---|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br><i>AGAT Laboratories</i>   |
| <b>8:30 AM</b> | <b>Integrating New Employees in the Age of Remote Working</b><br>Kirk Elliot, Senior Environmental Scientist and Partner, and Connor Frizzley, Environmental Scientist<br><i>Trace Associates</i> |
| <b>9:30 AM</b> | <b>2021 Update from the Orphan Well Association</b><br>Lars Depaw, Executive Director<br><i>Orphan Well Association</i>   |

### March 3

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|----------------|--|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br><i>AGAT Laboratories</i>  |
| <b>8:30 AM</b> | <b>Project 24th Street SE Stormwater Pond and Ogden Landfill Remediation</b><br>Thomas Jacklin, Principal Consultant<br><i>Advisian</i>            |
| <b>9:30 AM</b> | <b>Covid's Effect on Mental Health</b><br>Dr. Elsa Wagdy, Change Leader, PMO Strategist, Psychotherapist, Neuropsychology<br><i>Dr. Elsa Wagdy</i> |

### March 4

- |                |   |
|----------------|---|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br><i>AGAT Laboratories</i>   |
| <b>8:30 AM</b> | <b>Balancing Technical Requirements and Property Owner Business Objectives During Sub-Slab Depressurization System Installation</b><br>Albert Ho, Senior Director, Environmental Programs, and Paul Nicholson, Remediation Engineer<br><i>First Capital and Geosyntec</i> |
| <b>9:30 AM</b> | <b>Mycoremediation Is Ready to Be the New Bioremediation Tool</b><br>Dennis Owens, Senior Microbiologist, Chemist<br><i>Sustainable Water Technology (SWT Consulting)</i>   |

### March 5

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|----------------|--|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br><i>AGAT Laboratories</i>  |
| <b>8:30 AM</b> | <b>Emissions Reduction Projects and ESG Strategies</b><br>Jackson Hegland, President<br><i>Modern West Advisory</i>  |
| <b>9:30 AM</b> | <b>PFAS Leachability and Landfills - What Have We Learned and why Is it Important?</b><br>Blake Hamer, Principal Hydrogeologist, and Lisa Neville, Director of Technical Sciences<br><i>Matrix Solutions and AGAT Laboratories</i> |

\*All presented times are in MST.

Registration Fee: **FREE**. Registrants may be eligible for Professional Development Credits with **AIA, APEGA, ACPA, ASPB & Eco Canada**. Please visit our [event page](#) for registration information.

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## week two

### March 8

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|----------------|---|
| <b>8:20 AM</b> | <b>Introduction and Welcome</b><br>Kelly Howard, Director of Marketing<br>AGAT Laboratories   |
| <b>8:30 AM</b> | <b>Case Studies in Anaerobic Bioremediation: A Sustainable and Cost Effective Alternative</b><br>Ryan Riess, Environmental Lead<br>PINTER & Associates Ltd.   |
| <b>9:30 AM</b> | <b>An exploration of the existence of a “glass-ceiling” for women in leadership positions: a study of Calgary, Alberta, Canada</b><br>Dr. Elsa Wagdy, Change Leader, PMO Strategist, Psychotherapist, Neuropsychology<br>Dr. Elsa Wagdy |

### March 9

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|----------------|--|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br>AGAT Laboratories   |
| <b>8:30 AM</b> | <b>Oh, the Samples You'll Run and Things you will See GCxGC Analysis is Definitely for me!</b><br>Court Sandau, President<br>Chemistry Matters |
| <b>9:30 AM</b> | <b>Waste and Dangerous Goods Tracking and Compliance Management System</b><br>Amit Bhargava, Co-Founder<br>EnviroApps                          |

### March 10

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|----------------|--|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br>AGAT Laboratories   |
| <b>8:30 AM</b> | <b>Surfactant Enhanced Extraction (SEE) at LNAPL and DNAPL Impacted Sites Pilot to Full Scale Applications</b><br>George (Bud) Ivey, President and Senior Remediation Specialist<br>Ivey International |
| <b>9:05 AM</b> | <b>Reclamation across our Nation - the Canadian Land Reclamation Association (CLRA)</b><br>Andrea McEachern, National President<br>Canadian Land Reclamation Association                               |

### March 11

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|----------------|--|
| <b>8:25 AM</b> | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br>AGAT Laboratories                                       |
| <b>8:30 AM</b> | <b>PFAS Risk Considerations for the Oil and Gas Industry</b><br>Samantha Murphy, Water Resources Professional<br>Cenovus       |
| <b>9:30 AM</b> | <b>Determination of Contaminated Sludge Thickness in a Former Tidal Estuary</b><br>Ben Sweet, Technical Lead<br>SCG Industries |

### March 12

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|-----------------|---|
| <b>8:25 AM</b>  | <b>Good Morning /Welcome</b><br>Kelly Howard, Director of Marketing<br>AGAT Laboratories  |
| <b>8:30 AM</b>  | <b>Why Should We Care about Wetlands?</b><br>Jacqueline Redburn, Team Lead, Natural Sciences, and Theresa Peters, Terrestrial and Wetland Biologist<br>Trace Associates                                   |
| <b>9:30 AM</b>  | <b>Updates and Upgrades to Subsoil Salinity Tool (SST) in Version 3.0</b><br>Gordon Dinwoodie, Land Reclamation Specialist and Greg Huber, Environmental Scientist<br>Government of Alberta / Equilibrium |
| <b>10:45 AM</b> | <b>Closing Remarks</b><br>Kelly Howard, Director of Marketing<br>AGAT Laboratories  |

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