



PFAS Projects - Where to Start?

With PFAS contamination and projects entering the Canada mainstream, an increasing number of asset managers, property owners, consultants and contractors have PFAS projects in their portfolios. These projects are typically large-scale and lengthy, often full of uncertainty, with many different experts and practitioners contributing at various stages. Tackling a complicated project like this can be daunting, so it is important to ask – how do one of these projects get started? With little more than confirmed analytical data and site history, what are the first steps and key considerations?

Using the real-world example of the Site-Wide PFAS Project at an active military facility, 12 Wing Shearwater, near Halifax, Nova Scotia, this presentation will outline how asset managers and SLR Consulting approached the early stages of setting-up, planning, and executing the project. It will cover the initial project strategy and road mapping, as well as data collection, compilation, and organization.

Working within the FCSAP framework to meet the project's future objective of remediating and managing PFAS contamination across the Site that will utilize a combination of physical remediations and risk-based approaches – this presentation will highlight the foundational activities that will be used to set up future success. These actions include the development of a well database and a hydrogeological and hydrological CSM to support the creation of a contaminant flow model. With the ongoing nature of this project, this work was completed in the context of the evolving PFAS landscape, marked with changing regulatory guidelines and laboratory analytical procedures.

This session will benefit asset managers and industry practitioners looking to undertake new, large-scale PFAS assessments and projects.

Thomas Honey **SLR Consulting (Canada) Ltd.**

Thomas Honey has over 17 years of environmental consulting experience. He is an environmental engineer licensed in six Canadian jurisdictions, a QPESA under Ontario Regulation 153/04, and senior project manager with the Land Quality & Remediation group at SLR. He has acted as a project manager on numerous projects while conducting a wide variety of environmental site assessments and remediations, and has been involved in many aspects of remediation and site development including Phase I/II's, detailed site investigations (DSI) and Stage I/II's, Record of Site Condition (RSC), Certificate of Completion (COC), remedial action plans, soil and groundwater management plans, application of Ontario Regulation 406/19 – Excess Soils, regulatory liaison and permitting, expert witness and peer review, field work and sampling, and the design, implementation, and optimization of numerous petroleum hydrocarbon remediations, along with other environmental contaminants such as metals/inorganics, PAHs, PFAS and volatile organic compounds (VOCs). Thomas has applied innovative strategies to deal with impacts within different geology and geographical locations throughout Canada, coast-to-coast-to-coast. Some of these approaches have included excavation, shoring and under-pinning, capping, dual-phase extraction, soil vapour extraction, pump and treat, and in-situ bioremediation. He is familiar with various governmental regulations and guidelines in multiple provinces and federally through CCME and FCSAP. Throughout his work on various projects, Thomas' clients have

included small and large industry clients, municipal and federal governments, as well as First Nations bands.

Thomas has also completed the Masters of Environment and Business (MEB) program at the University of Waterloo. The program focused on sustainable development and sustainability/ESG throughout industry and professional settings. His research project was a feasibility study for the development of RNG through anaerobic digestion in Ontario. Thomas also completes GHG inventories and ESG strategy and operations optimization.