



Workshop Preliminary Program

Landfill and Lagoon Leachate Liabilities: Chemistries and Practical Solutions

April 8, 2016

Lakeland College, Lloydminster, Alberta

Tentative Schedule

800 – 830	Registration
830 – 835	Welcome and Introductory Remarks
835 – 1000	Waste Characterization
1000 – 1030	Coffee
1030 – 1200	Leachate Chemistry
1200 – 1300	Lunch
1300 – 1430	Regulatory Panel
1430 – 1500	Coffee
1500 – 1630	Management and Remedial Options
1630 – 1635	Closing Remarks

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Workshop Speakers



Don White, P.Chem., QEP

Since establishing Terredon Environmental Ltd. in 2014, Mr. White has been assisting clients attain their corporate objectives and maintain regulatory compliance through performing evaluations of potential market-share opportunities, compliance audits and participating in regulatory permit application projects.

Prior to 2014, Mr. White held regulatory and operational management positions with Clean Harbors, one of North America's largest hazardous waste management companies, at the Ryley, Alberta landfill and hazardous waste transfer station. In these roles, he was involved in all facets of operations management from day-to-day facility management, landfill monitoring and compliance reporting, landfill planning and construction and the financial viability of the facility. He worked with sales and marketing and corporate staff to provide cost-effective, environmentally sound solutions to companies in the oil and gas, petrochemical and agricultural chemical industries as well as a variety of other industrial and commercial enterprises. He was a member of the Landfill Operations Sub-committee during the development of the Alberta Landfill Standards and the Hazardous Waste Technical Committee.

Earlier in his career, Mr. White worked in management and sales for Core Laboratories, an oil and gas service company and as a supervisor with Agriculture Canada, Feed and Fertilizer Laboratory in Calgary.

He is a member of the Association of the Chemical Profession of Alberta (ACPA). He has previously served as a board member and President of the Association and is currently serving as President-Elect. Mr. White also holds the designation of Qualified Environmental Professional (QEP) from the Institute of Professional Environmental Practice (IPEP) with a specialization in waste management.

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Patrick Kalita, P.Chem.

Patrick Kalita is an environmental project manager and operations lead with CH2M Hill Canada Ltd. With over 23 years of demonstrated expertise in both management and technical arenas, he regularly engages in landfill project work across Canada with the CH2M Integrated Waste Services team. Patrick provides expertise in areas including: risk mitigation through design enhancement; waste management facility approval applications & amendments, procurement strategy, construction planning & execution, and operations, including commissioning, decommissioning and closure.

Prior to joining CH2M Hill in 2011, Patrick worked with both privately and publically held organizations operating within the upstream oil & gas, industrial services, waste management, and heavy civil construction industries. He has held various compliance, regulatory and management positions in the waste industry Alberta. In previous roles, Patrick has been responsible for all aspects of general management, including: operations, health and safety, public relations, client services, regulatory compliance, financial reporting & forecasting, human resources, and administration. He was also an active member of the Alberta Environment Hazardous Waste Technical Committee. Patrick has served as a Board Member of The Association of the Chemical Profession of Alberta (ACPA) and is currently the Association Registrar.



Carol Nelson, P.Eng.

Carol Nelson is a Professional Engineer registered with the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Carol started in the waste industry as part-time landfill scale operator and summer student at the West Edmonton Landfill sampling soil and wastewater while attending the University of Alberta. After completing her studies she continued on with Waste Management of Canada Corporation working as an environmental engineer; during this time she gained knowledge in the regulatory approval process and worked with both municipal solid waste and industrial wastes. She was responsible for reviewing the industrial waste acceptance and operating procedures including special waste acceptance procedures.

While most of Carol's experience has been on the operational side of the waste industry and the management of landfills, in 2012 she started a policy position with Alberta Environment and Parks as a Waste Management Specialist. As a Waste Management Specialist, Carol works with various stakeholders, regional offices and members of the public on waste related issues, specifically dealing with the landfill standards, acceptable industry practices, landfill setbacks and other waste related policy and regulatory initiatives by the department.

Michael Rathwell

Mike Rathwell is a senior Environment Officer with the Ministry of Environment, Landfills section, in the province of Saskatchewan. He has worked in areas of water, sewage and landfill regulation and has been with the ministry since 2002. Mike has a diploma in Water Resources Engineering Technology from Moose Jam Polytechnic (formerly SIAST College).

Since 2013, Mike has worked exclusively with the Landfill section of the Environmental Protection Branch. He is involved in all aspects of solid waste regulation and air quality around solid waste. Mike enjoys the challenge of working on provincial solid waste issues and meeting and working with new people. Has a particular interest in working with rural Saskatchewan on environmentally responsible waste disposal.

Mike grew up on a farm in southwest Saskatchewan and is married with 3 teenage children. They keep him very busy outside of his work, including volunteer coaching with youth sports in his free time.