

Designing & Constructing Lining Systems

Workshop on Barrier Systems

May 11, 2010

Environmental Engineering

Designing and constructing a lining system is continuously changing and can be a challenging task to implement. This workshop sponsored by Terrafix Geosynthetics will benefit engineering consultants, designers, and owners to review current lining technology and to develop solutions to design and construction challenges. The workshop will deal with the design of "barrier systems" which separate waste from the surrounding environment and which are intended to prevent contamination of both groundwater and surface waters. The key speaker will discuss all key aspects of the design of barrier systems, including leachate collection, natural barrier such as clayey aquitards, clay liners, geosynthetic clay liners, geomembranes and composite liners, providing state-of-the-art work of reference of great value to engineers and environmentalists alike.

Update: The presentation will include an update on an extensive site research being done at Queen's University.

As an industrial partner, we are pleased to announce that the Research study into the "Long-Term performance of Geosynthetic Liners" is well underway at the GeoEngineering Centre at Queen's-RMC. Work is proceeding well with the various projects funded by the NSERC Strategic Grant, the Ontario Centres of Excellence (OCE) and MoE's "Best in Science" program.

This research project is a huge undertaking by the research team at the GeoEngineering Centre at Queen's-RMC. Support from Terrafix and various other industrial partners have allowed the field site to grow from the originally proposed 400 m² to its current size of 4500m². The site has been carefully instrumented and is already providing valuable data.

Featured Speaker: Dr. R. Kerry Rowe, PhD, D.Eng., P.Eng.

Dr. Rowe has been the author of more than 400 publications and has extensive research and consulting experience in geosynthetics and geoenvironmental engineering. His research has involved evaluation of geosynthetics (geotextile, geomembrane, and geosynthetic clay liners) for many barrier applications including covers and liners for landfills, containment spills, lagoons, and most recently mining applications. Dr. Rowe is past-present of the Canadian Geotechnical Society, and past-president of the International Geosynthetics Society.

Date:	Tuesday May 11, 2010	Where: Sandman Signature Hotel Vancouver Airport
Time:	Registration & Continental Breakfast 7:30-8:15am	10251 St. Edwards Drive
Workshop:	8:15am - 11:45am, followed by Lunch.	Richmond, BC
Cost:	\$20.00	Bridgeport Rd & Hwy 99 Area

RSVP:	by April 16 th to Bruno Herlin, P.Eng.	LIMITED SPACE AVAILABLE
email or fax:	bherlin@terrafixgeo.com / 416.674.1159	Classroom style seating - Limited seating (40)
Phone:	416.949.2025	
Mail:	Terrafix Geosynthetics, 178 Bethridge Rd., Toronto, ON M9W 1N3	

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Registration Form for Designing & Constructing Lining Systems - May 11, 2010

Registration Fee: \$20.00 per person to reserve your seat - Registration deadline is April 16th, 2010

Name: _____ Title: _____

Organization or Company: _____ Address: _____

City: _____ Phone: _____

Email: _____ Visa or MC accepted.

If more than one person is registering at your firm, please fill out separate forms, but mail them in together.

Please return registration form with fee to: Terrafix Geosynthetics Inc., 178 Bethridge Rd., Toronto, ON M9W 1N3

Please make cheque attention to the sponsor of the workshop: Terrafix Geosynthetics Inc.