

TECHNICAL SEMINAR AGENDA

MARCH 22, 2016 | DAY 1 DRAFT

8-9 am	Registration / Continental Breakfast	
9-9:10 am	Welcome / Introduction GMA & NAGS	<i>Jonathan Curry & David Suits</i>
9:10-10 am	NYS Part 360 Regulatory Perspective on Landfill Liner and Final Cover Systems Design	<i>Robert Phaneuf</i>
10-11 am	Getting Started – An Overview of Environmental Containment System Designs and their Long-Term Performance Objectives and Introduction to the Geosynthetic Materials	<i>Richard Brachman</i>
11-11:15 am	Break	
11:15 am-12:15 pm	Understanding Conventional Soil Components of Landfill Liner and Final Cover Systems in Barrier Layer and Drainage Layer Systems	<i>Richard Brachman</i>
12:15-1:15 pm	Lunch	
1:15-2:05 pm	Understanding the Performance of Composite Barrier Layers in Modern Landfill Liner and Final Cover Systems from a Design and Construction Perspective	<i>Richard Brachman</i>
2:05-2:55 pm	The Fundamentals of Leakage Theory and Containment System Design, the Effect of Hydraulic Head and How to Design a Liner System that will Ensure Effective Long-term Protection of Groundwater	<i>Richard Brachman</i>
2:55-3:20 pm	Break	
3:20-5:30 pm	Geotechnical Considerations for Landfill Liner and Final Cover System Designs to Ensure Liner Final Cover System Stability throughout the Life and Closure of the Containment System	<i>Richard Brachman</i>

MARCH 23, 2016 | DAY 2 DRAFT

7:30-8 am	Continental Breakfast	
8-9 am	Designing Soil and Geosynthetic Filter Layers for Landfill Liner and Final Covers Systems	<i>Richard Brachman</i>
9-10 am	Service Life of Landfill Liner and Final Cover System Components from a Design Engineer's Perspective	<i>Richard Brachman</i>
10-10:15 am	Break	
10:15-11:15 am	Overview of Design of Double-lined Surface Impoundments	<i>Richard Brachman</i>
11:15 am-12:15 pm	Overview of CQC and CQA State of Practice and Electrical Resistivity Leak Location Testing	<i>Richard Brachman & Robert Phaneuf</i>
12:15-1:15 pm	Summing Things Up – A Panel Discussion on the Key Take Home Points From the Practitioners	<i>Cory McDowell, P.E., Barton & Loguidice, D.P.C. Bradford Smith, P.E., GHD Consulting Services, Inc. Mark Swyka, P.E., Cornerstone Environmental Group</i>
1:15-2:15 pm	Lunch / Continued Discussions	

Register by March 18! For updates and registration, visit IFAI.com/Geosynthetics/WCSd