

# Water Balance Covers for Landfills, Waste, and Mine Sites

## Design, Modeling, Construction, and Monitoring

**McMenamins Edgefield**  
*Troutdale, Oregon*  
*April 15-16, 2008*

### Course Outline Day 1 April 15<sup>th</sup>

Module	Speaker	Start	End
Registration, Breakfast		8:00	8:45
Welcome, Scope of Workshop and Regulatory Issues	Gavett	8:45	9:00
Introduction to Alternative Covers	Benson	9:00	10:15
Break		10:15	10:30
Design Steps and Soil Physics	Albright	10:30	11:30
Lunch with Guest Speaker Terry Johnson, Waste Management		11:30	1:00
Preliminary Design Methods, Storage Capacity & Unsaturated Soil Properties	Benson	1:00	2:30
Break		2:30	2:45
Alternative Cover Assessment Program (ACAP): Design of study, construction, and monitoring	Albright	2:45	3:30
ACAP Results - Conventional Covers	Albright	3:30	4:30
Discussion	All	4:30	5:00
No-Host Reception, Power Station Attic		5:00	6:30

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## **Course Outline Day 2 April 16<sup>th</sup>**

<b>Module</b>	<b>Speaker</b>	<b>Start</b>	<b>End</b>
Registration, Breakfast		7:30	8:30
ACAP Results - Alternative Covers	Benson	8:30	10:30
Break		10:30	10:45
Using Plants on Landfill Covers (Part I)	Waugh	10:45	12:00
Lunch		12:00	1:00
Using Plants on Landfill Covers (Part II)	Waugh	1:00	1:30
Landfill Cover Modeling (Part I)	Benson	1:30	2:30
Break		2:30	2:45
Landfill Cover Modeling (Part II)	Benson	2:45	3:45
Equivalency and Beyond	Benson	3:45	4:30
Questions and Discussion - Whole Group	All	4:30	5:00
Adjourn		5:00	