

LANDFILL SYMPOSIUM



SOLID WASTE MANAGERS: TRENDS & CHALLENGES CONFERENCE



10th Annual

# Landfill Symposium



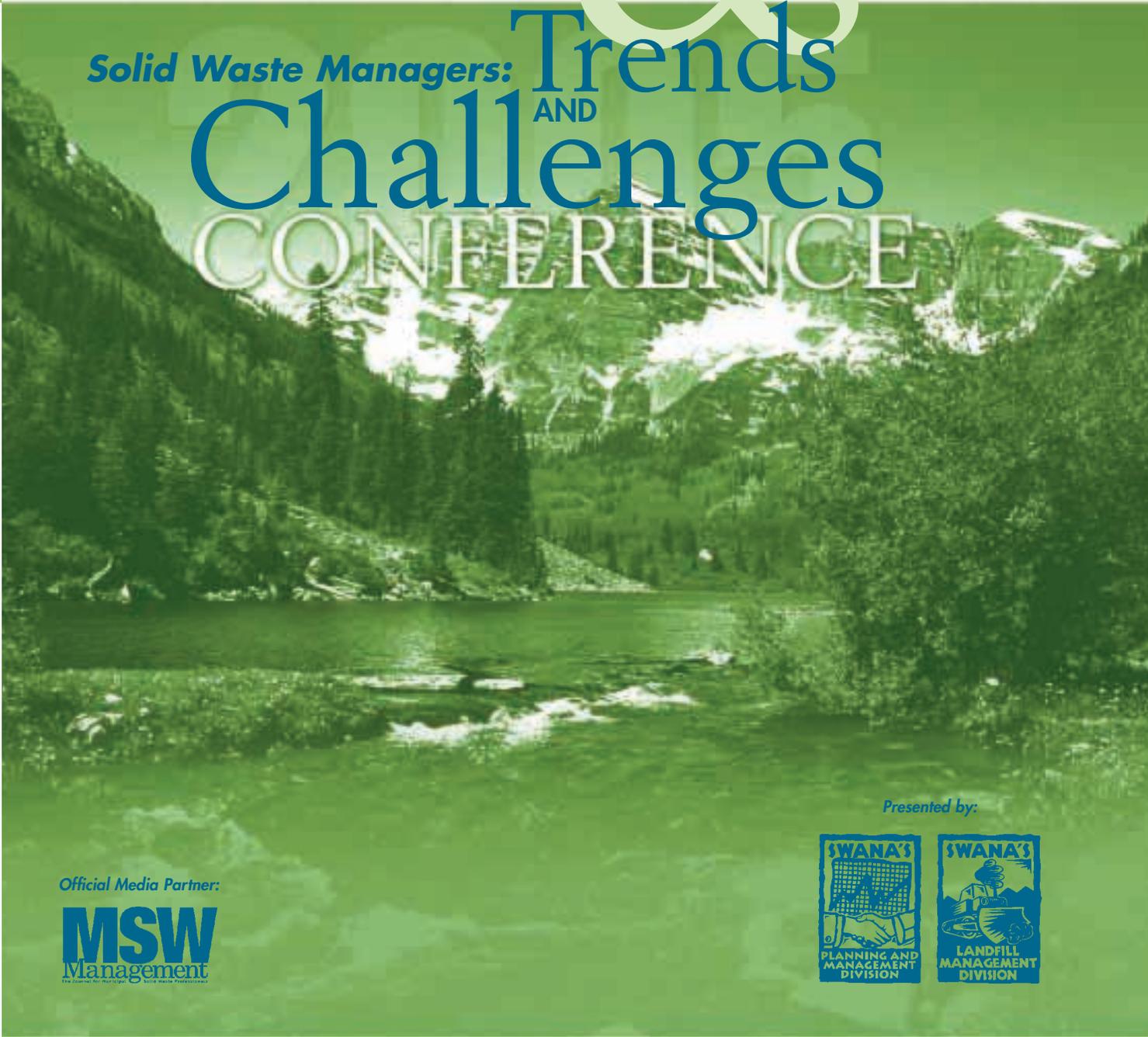
Solid Waste Managers:

## TRENDS

AND

# CHALLENGES

## CONFERENCE



Official Media Partner:



Presented by:

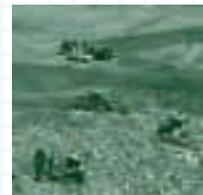




- **TWO great technical conferences for ONE low price, in ONE amazing location**
- **SWANA's cutting-edge training opportunities – Landfill Operational Issues and Leadership Skills for Solid Waste Professionals**
- **Expanded Technical Tour visiting 3 facilities in the Boulder/Denver region**
- **Monday Night Industry Trade Show with dozens of exhibitors and unlimited networking opportunities!!!**

### Landfill Symposium

- This year's symposium will offer 14 technical sessions comprised of nearly 40 unique presentations on today's hottest Landfill topics, including:
  - Bioreactors
  - Closure & Post-Closure Care
  - Leachate & Groundwater Management
  - Landfill Gas
  - Alternative Liners and Caps
  - And many more...
- Special two-part Odor Control track sponsored by the American Academy of Environmental Engineers (AAEE)
- Plenary session concentrating on the increasingly contentious issue of Landfill Financial Assurance and Long-Term Care
- Dedicated Arid Landfill Session sponsored by SWANA's Rocky Mountain Chapter



### Solid Waste Managers Conference

- 11 technical sessions with 25 presentations covering topics critical to every solid waste manager:
  - Communication/Education Programs
  - Contracting & Procurement
  - Policy & Regulation
  - Best Business Practices
  - Alternative Energy
  - And many more...
- Keynote Presentation highlighting the importance of integrated solid waste management – with a special focus on recycling/composting & bioreactors
- Special session on Environmental Management Systems (EMS) and ISO 14001 applications for solid waste facilities



## T W O T R A I N I N G C O U R S E S

## 1 Landfill Operational Issues Workshop

This course is perfect for anyone interested in learning about improving the daily operations of their landfill site. You will experience in-depth discussions that will help solve everyday issues surrounding landfill operations plus you will understand successful landfill management practices, including equipment selection. Turn your landfill into a moneymaker by learning how to control cost, maximize your site's airspace, and determine if your landfill is really efficient. Upon completion of the course, you can earn 20 Landfill CEUs. You will also receive the book "The Handbook of Landfill Operations," by Neal Bolton.

## 2 Leadership Skills for Solid Waste Professionals

The objective of this course is to present current real-world leadership development strategies and skills, in the context of solid waste management. Participants will use tools — including the Thomas-Kilman Conflict Mode and the Parker Team Instrument — to examine the effective use and implementation of project teams and task forces. Students will participate in a discussion of stakeholder mapping and go through exercises to teach the basics of managing public policy issues. This training is a must for today's solid waste managers involved in planning and leadership activities.

# 3 EASY WAYS TO REGISTER!



Go online to  
[www.SWANASTORE.COM](http://www.SWANASTORE.COM)

**DAY ONE – MONDAY, JUNE 6, 2005**

- 1:00pm-4:00pm Registration Open
- 1:00pm-4:00pm SWANA Certification Exams
- 3:00pm-4:00pm Solid Waste Board Members Committee Meeting
- 5:00pm-8:00pm SWANA Welcome Reception & Table-Top Trade Fair



**DAY TWO – TUESDAY, JUNE 7, 2005**

- 7:00am-5:00pm Registration Open
- 7:30am-8:30am Continental Breakfast
- 8:30am-10:00am Opening Session
  - Welcome to Boulder & Opening Remarks** – Trent Cave, SWANA Planning and Management Division Director & General Manager, Napa Vallejo Solid Waste Management Authority, CA
  - Keynote Introduction** – Raymond Dever, SWANA Landfill Management Division Director & Vice President, SCS Engineers
  - Keynote Presentation**
  - The Practical Path to Utopia: Landfilling, Waste Diversion, and Recycling CAN Co-Exist**  
Laurie Batchelder Adams, President, LBA Associates, Inc.
- 10:00am-10:15am Break
- 10:15am-11:30am Plenary Session
  - Financial Assurances and Long-Term Care Requirements for Landfills: More or Less?**  
Featured speakers to include: Ray Dever, Vice President, SCS Engineers
- 11:30am-1:00pm Lunch

**1:00pm-2:30pm CONCURRENT SESSIONS**

|                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <p><b>LANDFILL SYMPOSIUM</b><br/><i>Bioreactors: Observations &amp; Perspectives</i></p>                                                                                                                                                                                                                                                                                  | <p><b>SOLID WASTE MANAGERS CONFERENCE</b><br/><i>Implementing Effective Environmental Management Systems: Public Sector Experiences</i></p>                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Observations and Data on Liquid Addition at Retrofit and "As Built" Bioreactors</b><br/>Gary Hater, Waste Management, Inc.</p> <p><b>Canadian Perspectives on the Landfill Bioreactor</b><br/>Neil MacDonald, CH2M Hill, Canada</p> <p><b>Landfill Bioreactors as Energy Technology: Comparisons to MSW-to-Fuels Alternatives</b><br/>Don Augenstein, IEM, Inc.</p> | <p><b>Tracking &amp; Managing Waste Streams at the 5th Largest U.S. Airport</b><br/>Janell Barrilleaux, Denver International Airport</p> <p><b>ISO 14001 Environmental Management Systems: A Public Sector Implementation Experience</b><br/>Michael Csapo, Resource Recovery &amp; Recycling Authority of Southwest Oakland County, MI</p> <p><b>EMS – The Road to Improved Environmental Excellence and ISO 14001 Certification in a Multi-Faceted Organization</b><br/>Dick Cheliras, Southeastern Public Service Authority, VA</p> |

2:30pm-2:45pm Break

**2:45pm-4:15pm CONCURRENT SESSIONS**

|                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <p><b>LANDFILL SYMPOSIUM</b><br/><i>Leachate &amp; Groundwater Management</i></p>                                                                                                                                                                                                                                                               | <p><b>SOLID WASTE MANAGERS CONFERENCE</b><br/><i>Overcoming Challenges and Using Innovation in Solid Waste Management</i></p>                                                                                                                                                                                                                                                                                           |
| <p><b>Effect of Perched Water Conditions in MSW Landfills: Consideration for Landfill Operators</b><br/>Tim Townsend, Department of Environmental Engineering Sciences, University of Florida</p> <p><b>Combined Chemical and Biological In-situ Treatment of Mature Landfill Leachate</b><br/>Eyad Batarseh, University of Central Florida</p> | <p><b>Urban Infilling Impacts on Solid Waste Facilities</b><br/>Marc Rogoff, SCS Engineers</p> <p><b>Trashzilla: A Look into the Waste Stream of the Future</b><br/>Anne Peters, Gracestone, Inc.</p> <p><b>Connecting Economic Development with Providing Necessary Disposal Capacity, Without the Expenditure of Tax Dollars</b><br/>George MacDonald, Community Assistance Programs, Maine State Planning Office</p> |

4:30pm-5:30pm SWANA Landfill Management Division Meeting (open to all)

**5:30pm-8:00pm TUESDAY NIGHT RECEPTION (Sponsored by EPG Companies)**



Fax your completed registration form to:  
**301.589.7068**



Call SWANA at  
**1.800.GO.SWANA (467.9262)**

DAY THREE – WEDNESDAY, JUNE 8, 2005

7:00am-5:00pm Registration Open  
 7:30am-8:30am Continental Breakfast

8:30am-9:30am CONCURRENT SESSIONS

| LANDFILL SYMPOSIUM                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                            | SOLID WASTE MANAGERS CONFERENCE                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Focus on Arid Landfills*</i>                                                                                                                                                                                                                                                                                                       | <i>Bioreactor Case Studies</i>                                                                                                                                                                                                                                                             | <i>Communication &amp; Education Programs for Solid Waste Managers</i>                                                                                                                                                                            |
| The low annual rainfall and high evaporation rates seen in arid and semi-arid climates create landfill conditions unlike those seen throughout much of North America. This special session will focus on the "Arid Landfill" and the unique issues that they present.<br><small>* Sponsored by SWANA's Rocky Mountain Chapter</small> | <b><i>In-situ Moisture Measurement at the New River Regional Landfill Bioreactor Demonstration Project</i></b><br><i>Debra Reinhart, University of Central Florida</i><br><b><i>Performance of Two Bioreactor Landfills in Virginia</i></b><br><i>Jim Norstrom, Waste Management, Inc.</i> | <b><i>Illegal Dumping of Refuse</i></b><br><i>Leah Browder, City of San Diego, CA</i><br><b><i>Communication, Education &amp; Outreach Efforts: Mesa County's Experience</i></b><br><i>Cameron Garcia, Mesa County Solid Waste Management, CO</i> |

9:30am-11:00am CONCURRENT SESSIONS

| LANDFILL SYMPOSIUM                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                     | SOLID WASTE MANAGERS CONFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Odor Control - Part I: Investigation and Response</i>                                                                                                                                                                                                                                                                                                                                                                                                             | <i>Landfill Reclamation &amp; Reuse</i>                                                                                                                                                                                                                                                                                             | <i>Procuring Solid Waste Services</i>                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b><i>Practical Odor Control at Landfills</i></b><br><i>Mike Michels, EMCON/OWT (a Shaw Group company)</i><br><b><i>A Nasal Delight, Or Was It? Field Odor Testing at an Integrated Solid Waste Facility*</i></b><br><i>Alex Makled, Camp Dresser &amp; McKee, Inc.</i><br><b><i>Odor Control Investigations at the Cherry Island Landfill*</i></b><br><i>Anne Germain, DSWA</i><br><small>* American Academy of Environmental Engineers (AAEE) Presentation</small> | <b><i>Airspace and Fill Material Recovery: C&amp;D Waste Mining at Atlantic County Utilities Authority Landfill</i></b><br><i>George Barstar, Gannett Fleming, Inc.</i><br><b><i>From Rubbish to Runway – An Engineer's View from Design through Construction</i></b><br><i>John Kuo, Construction Branch ECRE/PWE, Houston, TX</i> | <b><i>Bidding Out Waste Management Services – Lessons Learned &amp; Pitfalls Avoided by Two Colorado Communities</i></b><br><i>Charlotte Pitt, Denver Recycles</i><br><b><i>Public-Private Partnership Case Study – Pontiac, Michigan</i></b><br><i>Frank Bernheisel, Gershman, Brickner &amp; Bratton, Inc.</i><br><b><i>Securing Competitive Pricing for Services in a Marketplace with Limited Competition</i></b><br><i>Robert Craggs, R.W. Beck, Inc.</i> |

11:00am-11:15am Break

11:15am-12:30pm CONCURRENT SESSIONS

| LANDFILL SYMPOSIUM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                               | SOLID WASTE MANAGERS CONFERENCE                                                                                                                                                                                                                                                                                                                             |
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| <i>Odor Control - Part II Focus on C&amp;D Waste</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <i>Alternative Liners and Caps</i>                                                                                                                                                                                                                                                                                            | <i>Working with Others to Get Your Job Done</i>                                                                                                                                                                                                                                                                                                             |
| <b><i>Measurement of H2S Emissions from C &amp; D Debris Landfills*</i></b><br><i>Debra Reinhart, University of Central Florida</i><br><b><i>Ground Sulfates in C &amp; D Waste Cause Major Odor Problems at Landfills: Issues and Potential Solutions</i></b><br><i>Peter Kuniholm, SCS Engineers</i><br><b><i>Evaluation of Cover Materials for the Removal of Hydrogen Sulfide from C &amp; D Landfill Gas</i></b><br><i>Christine Plaza, HDR, Inc.</i><br><small>* American Academy of Environmental Engineers (AAEE) Presentation</small> | <b><i>Case Histories from Waste Management's Alternative Final Landfill Cover Program</i></b><br><i>Leonard Butler, Waste Management of Colorado, Inc.</i><br><b><i>Alternative Liner Investigation, Design, Construction, and Testing at Ozark Ridge Landfill, Yell County, AK</i></b><br><i>Keith Connor, SCS Engineers</i> | <b><i>The Puck in the Net: Using Collier County's Public Utilities Division Project Delivery Process to Pass a Controversial Mandatory Non-Residential Recycling Ordinance</i></b><br><i>James DeLony, Public Utilities Division, Collier County, FL</i><br><b><i>Changing People: Up Close &amp; Personal</i></b><br><i>Kathi Mestayer, KMA Consulting</i> |

12:30pm-1:30pm Lunch

1:30pm-3:00pm CONCURRENT SESSIONS

LANDFILL SYMPOSIUM

*Landfill Closure & Post-Closure Care*

**The Naked Truth: An Engineering Comparison of Landfill Closure Systems**

Rebecca Kelner & Mark Roberts, Jones, Edmunds & Associates, Inc.

**A New Approach to Landfill Closure**

Gary Koppelman, CH2M Hill

**Using Wetlands and a Phyto-Cap for Self-Sustaining Leachate Management at a Closed Landfill**

C.H. Pendelton, GeoSyntec Consultants

SOLID WASTE MANAGERS CONFERENCE

*Solid Waste Fees: How to Use Them Effectively and How to Avoid Them*

**Oklahoma City's Solid Waste Flow Fee: Public Policy to Regulate Collection and Enhance Program Funding**

James Linn, City of Oklahoma City, OK

**Capturing Variable Customer Rates for Local Government Programs and Avoiding Hauler Service Fee Windfalls**

Constance Hornig, Constance Hornig Law Offices

**Tippling Fee Surcharges Implemented by State & Local Government**

Mark Everett, R.W. Beck, Inc

3:00pm-3:15pm Break

3:15pm-4:45pm CONCURRENT SESSIONS

LANDFILL SYMPOSIUM

*Landfill Gas*

**Bioreactor Landfills & Landfill Gas Production: Opportunities & Challenges for Enhanced Landfill Gas Energy Potential at Smaller Landfills**

Chris Voell, US EPA, LMOP

**Innovative Design for Horizontal Gas Collection Systems for Bioreactor Landfills**

Bryan Ezyk, Republic Services, Inc.

**After the Emergency: The Design and Construction of a Modular Active Gas Extraction System for Migration Control**

Gordon Parish, Malcolm Pirnie, Inc.

SOLID WASTE MANAGERS CONFERENCE

*Solid Waste Policy & Regulation*

**Update on the Current Regulations & Litigation Affecting Solid Waste Management**

Barry Shanoff, Knopf & Brown

**Economic Instruments for Solid Waste Management**

Sandra Cointreau, World Bank

**Dependent vs. Independent District: The Broward County Bond Issue**

Ron Greenstein, Broward County Resource Recovery Board, FL & Florida State Legislature

5:00pm-6:00pm SWANA Planning & Management Division Meeting (open to all)

5:00pm-6:00pm SWANA Landfill Bioreactor Committee Meeting (open to all)

DAY FOUR – THURSDAY, JUNE 9, 2005

7:30am-11:30am Registration Open

7:30am-8:30am Continental Breakfast

8:30am-9:45am CONCURRENT SESSIONS

LANDFILL SYMPOSIUM

*Emerging Issues and Hot Topics*

**Assessment of the Behavior of Chemical Warfare Agents in Landfills**

Morton Barlaz, North Carolina State University

**Avoid "Burning Out" the Performance of the Geocomposite Installed on Your Landfill**

J.P. Kline, Tenax Corporation

SOLID WASTE MANAGERS CONFERENCE

*Improving Your Bottom Line: Best Business Practices*

**Total Maintenance & Repair Leasing vs. Purchase**

Clark Ricke, Ring Power

**How Recycling/Diversion Programs Can Survive Budget Pressures**

Harvey Gershman, Gershman, Brickner & Bratton, Inc.

9:45am-10:00am Break



10:00am-11:30am CONCURRENT SESSIONS

**LANDFILL SYMPOSIUM**  
*Landfill Case Studies*

**Design and Construction of a Mechanically Stabilized Earth (MSE) Berm on Soft Foundation Soils – A Case Study**  
R.J. Telgener, Golder Associates

**Partial Closure of the North Wake Subtitle D Landfill – A Race Against Time and Rain**  
Thomas Yanoschak, Camp Dresser & Mckee

**Rapid Stabilization at a Large, Deep Landfill: Lessons Learned**  
Tej Gidda, Conestoga-Rovers and Associates Ltd.

**SOLID WASTE MANAGERS CONFERENCE**  
*Alternative Energy and Your Management Plan*

**Is There a Role for Waste-to-Energy in Your Community?**  
Jonathan Kiser, Independent Consultant

**Utilizing Multiple Sources of Alternative Energy for Environmental and Economic Sustainability**  
James Rutala, Atlantic County Utilities Authority, NJ

**Financial Aspects of Alternative Energy**  
Roya Stanley, National Renewable Energy Laboratory (invited)

12:00 Noon-5:00pm **FEATURED FACILITIES TOUR** *(separate fee, lunch provided)*

This year's featured facility tour will be making stops at **three** unique facilities within the Boulder/Denver region.

Note: Plan for the tour to take the entire time allotted and please make travel arrangements accordingly. Casual attire is recommended for this tour, open-toed shoes, skirts, and shorts are NOT suggested. The tour will take place rain or shine. Personal vehicles will NOT be allowed onsite.

**Facility #1: Front Range Landfill**  
Located approximately 15 miles north of downtown Denver, Republic Services, Inc.'s 602-acre facility is permitted with a 202-acre disposal footprint. The landfill currently accepts 1,800 TPD of municipal solid waste, C&D debris, and pre-approved special wastes, with a projected life of over 20 years. Facility highlights include:

- A Materials Handling Facility allowing for unrestricted disposal of waste due to inclement weather or other possible closures
- A large-hauler capacity tipper
- Extensive LFG and Groundwater-Monitoring systems
- Leachate Collection and Removal System (LCRS)
- Computerized scalehouse with constant wind and radioactivity monitoring

**Facility #2: Denver Regional Landfill**  
Less than a quarter-mile from the Front Range Landfill lies Waste Connection, Inc.'s 160-acre Denver Regional Landfill. Considerably older than its larger neighbor, Denver Regional closed its northern cell in 1992 and expects a 2009 closing of its 7-million-ton southern cell. Both cells were constructed on a natural bedrock subgrade, with a 3-foot compacted clay liner and a 60 ml HDPE geomembrane liner. The landfill design also includes a separate leachate collection system, surface water control systems, and landfill gas management systems.

**Facility #3: Western Disposal Services**  
Founded in 1970 with one truck and 1200 customers, Western Disposal Services has grown into Boulder County's largest waste and recyclables hauler, providing collection, recycling, and disposal services to over 35,000 residential and commercial customers. The company's operations center houses a transfer station, dispatch communications center, maintenance shop, and even a small bailing and composting operation. Tour participants will learn about how the company manages its current fleet of 80 trucks using advanced GIS and GPS tracking methods in conjunction with a fully integrated customer management system. Also located on the Western Disposal grounds (although run autonomously) is the Boulder County Household Hazardous Waste Facility.

**DAY FIVE – FRIDAY, JUNE 10, 2005**

- 7:00am-12:00 Noon **Training Registration Open**
- 7:00am-8:00am **Continental Breakfast** *(training course participants only)*
- 8:00am-5:00pm **Landfill Operational Issues Workshop** *(separate fee)*
- 8:00am-5:00pm **Leadership Skills for Solid Waste Professionals Course** *(separate fee)*
- 12:00 Noon-1:00pm **Lunch** *(training course participants only)*

# 10th Annual **Landfill Symposium** Solid Waste Managers: Trends AND Challenges Conference

**R E G I S T R A T I O N F O R M**

June 6-10, 2005 • Millennium Harvest House • Boulder, CO

Please complete this form or register online at: [www.SWANASTore.com](http://www.SWANASTore.com)

NAME  MR.  MRS.  MS.

|                      |            |                    |
|----------------------|------------|--------------------|
| NICKNAME (FOR BADGE) | TITLE      | SWANA MEMBERSHIP # |
| ORGANIZATION         | E-MAIL     |                    |
| ADDRESS              | CITY       | STATE/PROVINCE     |
| ZIP/POSTAL CODE      | COUNTRY    |                    |
| PHONE (    )         | FAX (    ) |                    |

Please check here if you are requesting vegetarian meals or have any dietary or ADA needs (attach specific information)

NOTE: Member rates apply to SWANA Members.  
\*\* Registration does NOT include the proceedings or technical tour

|                                                                                                                                                                                                                                                                                        | BEFORE MAY 6                           |                                | AFTER MAY 6                                 |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|---------------------------------------------|---------------------------------|
|                                                                                                                                                                                                                                                                                        | Member                                 | Non-Member                     | Member                                      | Non-Member                      |
| <b>TECHNICAL SESSION REGISTRATION FEES (June 7-9)**</b>                                                                                                                                                                                                                                |                                        |                                |                                             |                                 |
| <input type="checkbox"/> Tuesday-Thursday (full registration)                                                                                                                                                                                                                          | <input type="checkbox"/> \$500         | <input type="checkbox"/> \$600 | <input type="checkbox"/> \$600              | <input type="checkbox"/> \$700  |
| <input type="checkbox"/> Tuesday Only                                                                                                                                                                                                                                                  | <input type="checkbox"/> \$210         | <input type="checkbox"/> \$260 | <input type="checkbox"/> \$260              | <input type="checkbox"/> \$310  |
| <input type="checkbox"/> Wednesday Only                                                                                                                                                                                                                                                | <input type="checkbox"/> \$210         | <input type="checkbox"/> \$260 | <input type="checkbox"/> \$260              | <input type="checkbox"/> \$310  |
| <input type="checkbox"/> Thursday Only                                                                                                                                                                                                                                                 | <input type="checkbox"/> \$100         | <input type="checkbox"/> \$125 | <input type="checkbox"/> \$125              | <input type="checkbox"/> \$150  |
| <b>TRAINING COURSE REGISTRATION FEES (Friday, June 10)</b>                                                                                                                                                                                                                             |                                        |                                |                                             |                                 |
| <input type="checkbox"/> Leadership Skills Course                                                                                                                                                                                                                                      | <input type="checkbox"/> \$265         | <input type="checkbox"/> \$365 | <input type="checkbox"/> \$315              | <input type="checkbox"/> \$415  |
| <input type="checkbox"/> LF Operational Issues                                                                                                                                                                                                                                         | <input type="checkbox"/> \$315         | <input type="checkbox"/> \$415 | <input type="checkbox"/> \$365              | <input type="checkbox"/> \$465  |
| <b>SPECIAL COMBINED RATE (Save!) (June 7-10)</b>                                                                                                                                                                                                                                       |                                        |                                |                                             |                                 |
| Full Registration, plus                                                                                                                                                                                                                                                                |                                        |                                |                                             |                                 |
| <input type="checkbox"/> LF Operational Issues <input type="checkbox"/> Leadership Skills Course                                                                                                                                                                                       | <input type="checkbox"/> \$700         | <input type="checkbox"/> \$900 | <input type="checkbox"/> \$850              | <input type="checkbox"/> \$1050 |
| <b>CERTIFICATION EXAMS (Monday, June 6)</b>                                                                                                                                                                                                                                            |                                        |                                |                                             |                                 |
| <input type="checkbox"/> \$125 (Member)                                                                                                                                                                                                                                                |                                        |                                | <input type="checkbox"/> \$250 (Non-Member) |                                 |
| <b>SWANA MEMBERSHIP (cost is in U.S. funds)</b>                                                                                                                                                                                                                                        |                                        |                                |                                             |                                 |
| <input type="checkbox"/> Please check here if you are currently a SWANA Student Member<br>(SWANA Student Members may attend at no charge. This includes access to technical sessions <b>only</b> . Meals may be purchased separately, contact SWANA for more information and pricing.) | Public                                 | <input type="checkbox"/> \$141 | Retired                                     | <input type="checkbox"/> \$59   |
|                                                                                                                                                                                                                                                                                        | Private                                | <input type="checkbox"/> \$301 | Student                                     | <input type="checkbox"/> \$59   |
|                                                                                                                                                                                                                                                                                        | Small Business                         | <input type="checkbox"/> \$201 |                                             |                                 |
| <b>PROCEEDINGS (NOT included in registration fee)</b>                                                                                                                                                                                                                                  |                                        |                                |                                             |                                 |
|                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> \$70 (Member) |                                | <input type="checkbox"/> \$80 (Non-Member)  |                                 |
| <b>TOUR (NOT included in registration fee)</b>                                                                                                                                                                                                                                         |                                        |                                |                                             |                                 |
|                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> \$65 (Member) |                                | <input type="checkbox"/> \$75 (Non-Member)  |                                 |
| <b>ADVOCACY</b><br>Voluntary contribution to support SWANA's continued advocacy efforts on LFG tax credits and renewable energy.                                                                                                                                                       |                                        |                                |                                             |                                 |
|                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> \$50          |                                | <input type="checkbox"/> other (\$_____)    |                                 |

Join SWANA's  **Landfill Management** or  **Planning & Management** Technical Division (indicate which)  \$40

Current **Landfill Management** or **Planning & Management** Division Subscribers Check Here  and deduct \$25 Off Registration Fees!

**Total Due: \$**

**METHOD OF PAYMENT** Please read SWANA's Payment and Cancellation/Refund Policies. Select a payment method, and sign the Payment Acknowledgment.

My check for \$ \_\_\_\_\_ made out to SWANA is enclosed.     My P.O. number is \_\_\_\_\_ (copy of P.O. must be attached)  
 Charge to:     Visa     MasterCard     Discover     American Express     Diners Club

CARD # \_\_\_\_\_ EXP. DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**PAYMENT POLICY:** If you must process your payment through your organization, please submit your registration in advance and indicate payment to follow. Payment must be received prior to the start of the event to be admitted. SWANA accepts cash, checks, money orders, American Express, Diners Club, Discover, MasterCard, and Visa for payment of all events. Purchase Orders for future invoicing will be accepted from individuals who have been Members of the organization for at least 90 days and who have an account in good standing. A copy of all Purchase Orders must accompany the registration form.

**CANCELLATION/REFUND POLICY:** Cancellations for SWANA meetings must be in writing. **Phone cancellations will not be accepted.** Refunds will be issued on the date of receipt of the written cancellation and will be issued as follows: **30 days** or more prior to the start of the event, 100% refund of the registered conference amount less a \$50.00 administration fee, (we will not issue refunds for tours and other special events offered during the conference.) Any cancellations received less than 30 days from start of the event will be eligible for a SWANA future event meeting credit worth 50% of the registered conference amount, (not including tours and other special events offered during the conference.) This meeting credit can be used for any future SWANA national event and is good for one (1) year from the date of issue. **We invoice for no shows!!**

**PAYMENT ACKNOWLEDGMENT: (REQUIRED)** Please sign and date below indicating that you have read and understood the payment and refund policies above. Registrations will not be processed without signature.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_



**Fax your completed registration form to:**  
**301.589.7068**



**Call SWANA at**  
**1.800.GO.SWANA (467.9262)**

**Training Course Details:**

- Both Training Courses are scheduled for Friday, June 10th from 8:00am-5:00pm
- Separate registration is required and includes breakfast and lunch
- SWANA CEUs are awarded to those attending the courses and technical sessions
- In-depth descriptions of both courses can be found in the Training Section of [www.SWANA.org](http://www.SWANA.org)
- See the registration form for special combined discounts when you register for training courses and technical sessions!
- Both Courses are expected to fill-up fast – **Register today to guarantee your spot!**

**General Event Information**

- All registrations include admission to the Welcoming Reception and Table Top Trade Fair on Monday evening, June 6th
- All technical sessions and training courses are held at the Millennium Harvest House
- Thursday's lunch is only provided for Technical Tour participants

**HOTEL RESERVATIONS**

For hotel reservations, please contact:

**Millennium Harvest House**      Reservations: 303.443.3850  
 1345 28th Street                      Toll Free: 866.866.8086  
 Boulder, CO 80302-6899              Hotel Fax: 303.443.1880

Mention your attendance at this SWANA event to receive the special conference rate:

**Room Rates:** \$119 single/double  
**Group Rate Reservation Cut-Off Date:** May 13, 2005

**SWANA Continuing Education Units (CEU) Information**

**Don't forget!** If you are SWANA certified, you can earn all-important SWANA CEU's for attending the conference and/or training courses. CEU's available for each category of certification are:

|                           | June 7-9th Technical Sessions | June 9th Technical Tour | June 10th Landfill Operational Issues Training | June 10th Leadership Skills for SW Professionals Training |
|---------------------------|-------------------------------|-------------------------|------------------------------------------------|-----------------------------------------------------------|
| Collection Systems        | 8                             | 5                       | 10                                             | 10                                                        |
| Composting                | 8                             | 5                       | 10                                             | 10                                                        |
| Construction & Demolition | 15                            | 5                       | 10                                             | 10                                                        |
| Landfill Manager          | 15                            | 5                       | 20                                             | 10                                                        |
| MSW Systems               | 15                            | 5                       | 10                                             | 10                                                        |
| Recycling Systems         | 8                             | 5                       | 10                                             | 10                                                        |
| Transfer Systems          | 8                             | 5                       | 10                                             | 10                                                        |



**Exhibit Opportunities**

**Table Top Trade Expo: Monday, June 6, 5:00pm-8:00pm**

With an average attendance of nearly 400 solid waste professionals, SWANA's 10th Annual Landfill Symposium and Solid Waste Managers: Trends & Challenges Conference offers a premium opportunity to meet with attendees and effectively promote your company's products and services in an informal, friendly setting. Whether your company offers landfill-related products or any of the numerous cutting-edge technologies required by today's solid waste managers, this focused trade show is for you. **FOR MORE INFORMATION** on pricing and to reserve your exhibit spot on the show floor, contact Rich Ryan, RGR Services, at **330.686.0353** or via the Internet at **rgprcr@aol.com**.

**Sponsorship Opportunities**

Increase your name recognition and publicize your product, service, or technology by sponsoring an Evening Reception, Continental Breakfast, Coffee Break, Lunch, the printed Conference Program, or even the Conference Proceedings on CD. **FOR MORE INFORMATION** on pricing and to reserve your prime sponsorship, contact Rich Ryan, RGR Services, at **330.686.0353** or via the Internet at **rgprcr@aol.com**.

**Boulder — How to Get There and What to Do!**

Boulder is just a short distance from the Denver International Airport. For more information on directions, flight information, and ground transportation options visit [www.flydenver.com](http://www.flydenver.com). Make the most of your trip! For details on what to do once you arrive in beautiful Boulder – including attractions, recreation, dining, and much more – visit the Boulder Convention and Visitor's Bureau at [www.bouldercoloradousa.com](http://www.bouldercoloradousa.com).

**The Solid Waste Association of North America**

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