

SWANA's WASTECON®

Featuring the Best in Solid Waste

Renewable and Sustainable Resources...Right in Your Back Yard!



August 14-16, 2012

**Gaylord National Resort
& Convention Center
WASHINGTON, D.C.**

**Conference Program
and Show Guide**

**50th Anniversary
Celebration
1962-2012**



Please join **H**^{MAGAZINE}**AULER**.com at booth #1219



WASTECON 2012

August 14 - 16, 2012

Gaylord National Resort and Convention Center

National Harbor - Washington, D.C.

WELCOME TO WASTECON!



This year marks the 50th anniversary of SWANA, and we have pulled out all stops to celebrate at WASTECON®. Once again, the event will be held all under one roof at the beautiful Gaylord National. WASTECON® is a great opportunity to network with other industry professionals and talk about how far we've come! The industry has changed significantly over the past 50 years—and this show will prepare us for the changes heading our way.

WASTECON® 2012 has a full schedule of industry-leading technical sessions that will educate and inspire you. And as always, our exhibitors are so many and varied that you'll be sure to find the vendor with the products and services you need for your organization.

Highlights of the program include SWANA's two separate showcases, each with its own technical track and dedicated pavilion in the exhibit hall. The first showcase is the inaugural Collection Technology Innovations Showcase, while the second is a reprise of last year's very popular Waste Conversion Technologies Showcase.

The Washington, D.C., experience continues at the Wednesday night party where the Capitol Steps will entertain us with their political satire—always great in an election year! The fun continues with the 2nd WASTECON® Ignite® Talks, where the speakers will enlighten you in only five minutes. That same evening, and new to WASTECON this year, is the Young Professionals Networking Event, providing an opportunity for those new to the industry to meet and network.

As a member of the hosting Mid-Atlantic Chapter of SWANA, I take great pride in welcoming you to the Washington, D.C. area. I look forward to meeting new friends and old.

Best wishes,

Anne Germain
Chief of Engineering & Technology,
Delaware Solid Waste Authority
SWANA International President



SWANA[®]
SOLID WASTE ASSOCIATION
of North America

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Association offices:
1100 Wayne Avenue, Suite 700, Silver Spring, MD 20910
Phone: 800-GO-SWANA

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HOTEL INFORMATION

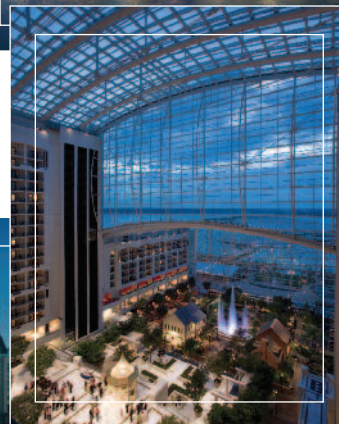
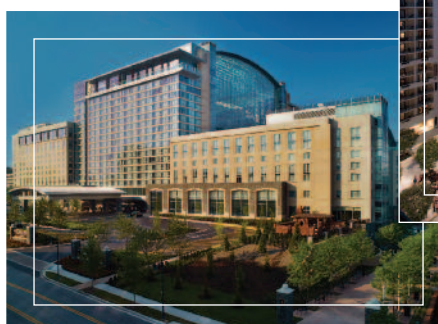


201 Waterfront Street • National Harbor, MD 20745 • 301-965-4000

All WASTECON® 2012 events will be held in the Convention Center section of the resort.

Quick reference guide:

Meeting Room	Level
Maryland Ballrooms (A-D)	2
Maryland (1-6)	2
Chesapeake (A-L)	2
National Harbor (1-15)	3
Exhibit Hall	1
Orchard Terrace	1



RECYCLING AT WASTECON® 2012

In cooperation with the Gaylord National Resort and the Virginia "Old Dominion" Chapter of SWANA, WASTECON® is continuing its event recycling program. There are recycling bins throughout the Convention Center and we ask that you please use the appropriate bins to deposit your waste. In addition to attendee efforts, the Gaylord National also conducts back-of-the-house recycling as well as other sustainability best practices. For more details about the Gaylord's sustainability initiatives, please visit www.gaylordhotels.com/getgreen.

TRANSPORTATION SERVICES

Please visit the Transportation Desk next to the Bell Services in the hotel lobby for more information about transportation services.

Airport Transfer: SuperShuttle - 800-660-8000

Personal Sedan Service: ExecuCar - 301-965-2080

Hertz Rental Car: Visit www.hertz.com or stop by the Hertz desk in the hotel.

Taxis: Available anytime at the main hotel entrance.

Shuttles to Downtown DC: Depart seven days a week every 90 minutes from 9:00am–7:30pm from the main hotel entrance.

Shuttle to King Street Metro: Departs seven days a week. No reservation is required but you must request a boarding pass at the Transportation Desk.

Water Taxi Service: Available to and from Alexandria, Mount Vernon and Georgetown. Ticket booth located on the Gaylord National Pier.

Metro Bus Service: NH-1/National Harbor Bus Line of the Washington Metro Area Transit Authority. Visit www.wmata.com for fares and schedules.

Area Tours and Entertainment: Call 301-965-2045 or visit the Concierge Desk for details.

SCHEDULE AT A GLANCE

Sunday, August 12

- 7:00 am-5:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 8:00 am-5:30 pm SWANA Training Center
- 6:30 pm-9:00 pm SWANA Certification Celebration, Maryland Ballroom

Monday, August 13

- 7:00 am-7:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 7:00 am Golf Tournament Buses Depart from the Maryland Bus Loop
- 8:00 am-5:00 pm Facility Tours, Buses Depart from the Maryland Bus Loop
- 8:00 am-5:00 pm Washington Insider's Experience, Buses Depart from the Maryland Bus Loop
- 8:00 am-5:30 pm SWANA Training Center
- 9:00 am Golf Tournament Shotgun Start, Laurel Hill Golf Course
- 5:30 pm-6:45 pm Ignite® WASTECON, National Harbor 4
- 7:00 pm-9:00 pm Opening Reception, Maryland Ballroom
- 9:30 pm-12:00 am Young Professional Networking Event, National Harbor 4

Tuesday, August 14

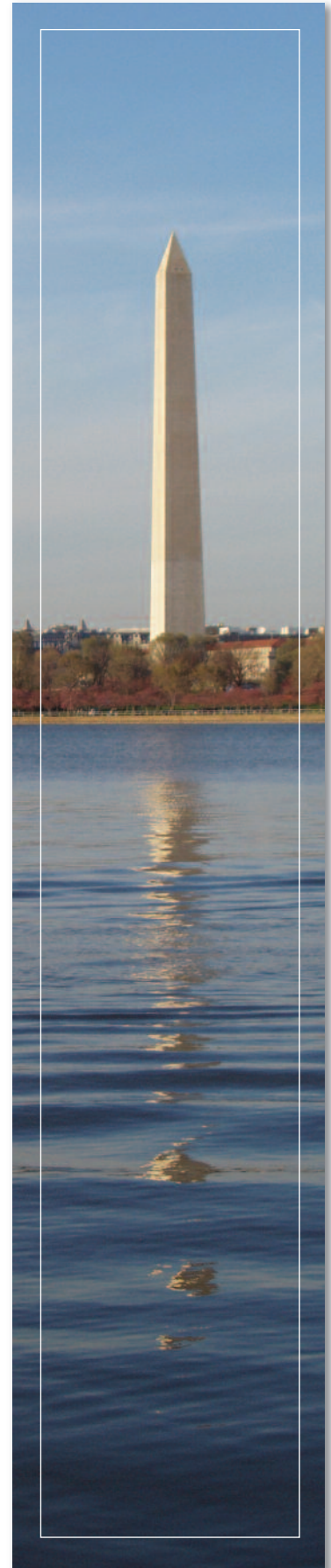
- 7:00 am-3:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 8:00 am-5:30 pm SWANA Training Center
- 8:30 am-10:00 am Opening Ceremonies and Awards Breakfast, Maryland Ballroom
- 10:00 am-2:00 pm Exhibit Hall Open
- 12:00 pm Lunch, Entrance to Exhibit Hall E
- 1:00 pm-2:00 pm Exhibit Hall Session, Blue Meeting Room
- 2:00 pm-3:30 pm Concurrent Technical Sessions
- 2:00 pm-5:00 pm WASTECON Health & Safety Series, National Harbor 13
- 2:00 pm-5:30 pm Waste Conversion Technologies Showcase, Maryland A
- 2:00 pm-5:30 pm Collection Technology Innovations Showcase, Maryland C
- 4:00 pm-5:30 pm Concurrent Technical Sessions

Wednesday, August 15

- 7:30 am-5:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 8:00 am-11:30 am SWANA Certification Exams, National Harbor 11
- 9:00 am- 9:30 am SWANA Annual Business Meeting, Maryland Ballroom
- 9:30 am-10:00 am Lawrence Lecture, Maryland Ballroom
- 10:00 am-11:00 am WASTECON Game Changers, Maryland Ballroom
- 11:00 am-5:00 pm Exhibit Hall Open
- 12:00 pm Lunch, Entrance to Exhibit Hall E
- 1:00 pm-4:00 pm Exhibit Hall Sessions, Blue Meeting Room
- 3:00 pm-5:00 pm Trade Show Reception, Exhibit Hall
- 6:00 pm-8:30 pm Networking Event, Orchard Terrace
- 8:30 pm-9:30 pm Capitol Steps Performance, Maryland Ballroom

Thursday, August 16

- 8:30 am-12:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 9:00 am-12:00 pm Exhibit Hall Open
- 11:00 am Lunch, Entrance to Exhibit Hall E
- 12:00 pm-3:00 pm Concurrent Technical Sessions
- 12:00 pm-3:00 pm Waste Conversion Technologies Showcase, National Harbor 13
- 12:00 pm-3:00 pm Collection Technology Innovations Showcase, National Harbor 12
- 3:00 pm-4:00 pm WASTECON 2013 Kick-Off Party, National Harbor 2





Break Zone

Hosted by SWANA's International Board

An oasis in the exhibit hall, the Break Zone offers a chance to talk with SWANA staff and leadership, have a drink or snack, check your email or just relax between visiting vendors.

This year's Break Zone is sponsored by:



DON'T MISS YOUR CHANCE TO WIN \$1,000 EACH DAY IN THE WASTECON EXHIBIT HALL

Be sure to visit our WASTECON 2012 Exhibitors each day, August 14-16, 2012, to increase your chances of winning \$1,000! Be one of three lucky attendees to win \$1,000 by simply visiting WASTECON Exhibitors during trade show hours each day, then joining us for a daily grand prize drawing at the WASTECON Break Zone.

How Do I Enter to Win \$1,000?

1. Visit any of our WASTECON Exhibitors during show hours each day to hear about their industry-leading products and services.
2. Exhibitors will have a certain number of raffle tickets to distribute each day as a thank you for stopping by.
3. Each day before the drawing takes place (see schedule below), fill out your information on the back of the raffle tickets that you have collected, and drop the tickets into the Grand Prize raffle wheel located in the Break Zone.
4. Come to the Break Zone each day during the designated "Grand Prize Drawing" times to see if you are a winner!

Additional Tips to Increase Your Chances to Win:

- The more exhibitors you visit, the more tickets you will receive and the more chances you'll have to win!
- Don't forget to stop by the SWANA Information Desk (located in the Registration area) to chat with SWANA Staff— who will be distributing raffle tickets too!
- You must be present at the Break Zone during the established Drawing Schedule times (see below) to win.

SWANA's WASTECON Grand Prize Drawing Schedule

Tuesday, August 14 @ 1:45pm

Break Zone (Exhibit Hall, Booth #923)

Wednesday, August 15 @ 4:45pm

Break Zone (Exhibit Hall, Booth #923)

Thursday, August 16 @ 11:45am

Break Zone (Exhibit Hall, Booth #923)



Find your dream job!
Attract top talent!

Discover the advantages of posting your job or resume to the SWANA Career Center.



Reach the targeted jobs and professionals you need.

- public sector +
- project manager +
- solid waste services +
- recycling +
- engineers +

visit careers.swana.org to get started!

**800.467.9262** careers.swana.org

THANK YOU SPONSORS!



PRE-CONFERENCE EVENTS

2nd Annual SWANA Certification Celebration

Sunday, August 12 • 6:30pm – 9:00pm • Maryland Ballroom

Ticket required.

Training and certification has long been the cornerstone of SWANA. Each year, hundreds of solid waste professionals demonstrate their commitment to their communities and the industry by becoming SWANA Certified. The SWANA Certification Celebration recognizes this elite group of SWANA Certified individuals and our devoted, volunteer faculty members. The evening will include a cocktail reception, dinner buffet and recognition ceremony. If you are SWANA Certified, we look forward to honoring you at this premier event. If you would like to learn more about becoming part of this distinguished group of solid waste professionals, you are both invited and encouraged to attend this celebration.



Ignite® WASTECON

Monday, August 13 • 5:30pm - 7:00pm • National Harbor 4

No ticket required. You must have a WASTECON 2012 badge to enter.

After an overwhelmingly positive response in year one, SWANA's Ignite® WASTECON event is back and promises to be even bigger and better! Come by, grab a drink, mingle, and enjoy the casual cabaret atmosphere before heading to the opening reception.

What is Ignite®? A series of five-minute talks with a twist. Presenters must “enlighten us, but make it quick,” in just 20 slides that auto-advance every 15 seconds.

The Lineup: We'd like to thank our Ignite® presenters:

Billy Malone, Dekalb County, GA

Jeff Dworek, Metro Waste Authority, IA

Richard Ludt, IRS Demolition

Master of Ceremonies: **Joe Williams**, Common Sense Consulting



Opening Reception

Monday, August 13 • 7:00pm – 9:00pm

Maryland Ballroom



Ticket required.

Kick off your week with SWANA as we celebrate our 50th Anniversary with a night full of food and entertainment! **Vocal Trash**, a group of “part street performers, part recycling gurus”, will amaze the crowd with their music and dance routines, and their very creative use of recycled and upcycled materials. You won't want to miss this opportunity to catch up with old friends, make new acquaintances and be wowed by the music created from everything from trash cans to car parts!



Young Professionals Networking Event

Monday, August 13 • 9:30pm – 12:00am

National Harbor 4

Invitation only event for YP registrants and guests.



All young professionals know how difficult it is to meet other young professionals in the field, which is why the SWANA Young Professionals (YP) group is hosting its first Annual YP Networking Event at WASTECON® 2012. Attendees will have the opportunity to learn more about the SWANA YP group, expand their professional networks, make new friends, and share their ideas and goals—all in an enjoyable social environment. Door prizes will be awarded, and a cash bar will be available. We hope to see you there!

SPECIAL EVENTS

Opening Ceremonies and Awards Breakfast

Tuesday, August 14 • 8:30am – 10:00am • Maryland Ballroom

Join SWANA as we honor Excellence and Professional Achievement Award winners for their contributions to the solid waste industry. The event recognizes the hardworking men and women who have advanced the practice of environmentally and economically sound management of municipal solid waste in North America over the past year. By joining us at this event, you too can show your support and appreciation for their accomplishments.



Lawrence Lecturer Sandra Cointreau

Wednesday, August 15 • 9:30am • Maryland Ballroom

Sandra Cointreau has made significant contributions to the solid waste management field for more than 40 years. She has world-wide experience in solid waste management and has worked with, in her own words, “diverse communities from slum dwellers and waste pickers to high ranking government officials and corporate executives, from marsh Arab sheikhs to military colonels, from children to elders.” Her work in developing countries improving sanitary conditions and her research on animal diseases has led to improved waste management practices and significantly improved the lives of many people. Ms. Cointreau is currently working on a project in Kyrgyzstan.

Game Changers 2012: Waste to Resource

Wednesday, August 15 • 10:00am • Maryland Ballroom

WASTECON is the annual gathering of solid waste **game changers**. Beginning in 1962 with a group of solid waste superintendents in Southern California, ultimately resulting in SWANA's formation, and continuing with our current network of over 8,000 professionals today, SWANA members have always tackled domestic and global issues head on.

These solid waste **game changers** have learned how to adapt and advance the industry in the face of all types of obstacles, whether they pertain to the economy or climate control, energy crises or new technologies, political pressures or social media, new fuels, emissions standards, or worker safety.

Attend this unique, interactive session as past, present and future solid waste game changers discuss the change in our vernacular from waste to resources. We hope you are inspired by the many **game changers** in this session and throughout your WASTECON experience.

Moderator: **Anne Germain**, Chief of Engineering & Technology, Delaware Solid Waste Authority

Panelists:

Sara Bixby, Director, South Central Iowa Solid Waste Agency

H. Lanier Hickman, Former Executive Director of SWANA

N.C. Vasuki, Former CEO, Delaware Solid Waste Authority

Steve Viny, CEO, Envision Holdings

Jim Warner, CEO, Lancaster County Solid Waste Management Authority, PA

John Welch, Interim Solid Waste Manager, Dane County, WI

Olivia Williams, Waste Resources Engineer, HDR

SWANA CERTIFICATION PREP COURSES

Prepare for SWANA Certification Online!

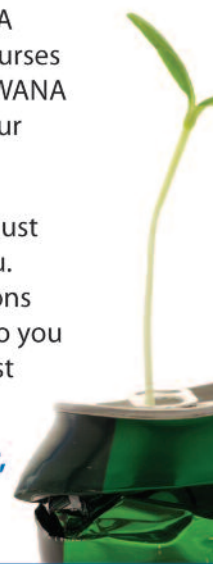


SWANA
SOLID WASTE ASSOCIATION
of North America

Featuring the same content available at SWANA Training Centers and led by SWANA Certified faculty members, these online courses offer you the opportunity to prepare for SWANA certification exams from the comfort of your home or office.

Purchase the entire series as a package or just purchase the sessions most relevant to you. Scheduling conflict? Don't worry! All sessions will also be made available as recordings so you can review the materials whenever it's most convenient for you.

For more information and to register, visit www.SWANA.org/training.



Wednesday Night Networking Event and Performance by the Capitol Steps

Wednesday, August 15

Networking Event - 6:00pm-8:30pm • Orchard Terrace *(ticket required)*

Capitol Steps Performance - 8:30pm-9:30pm • Maryland Ballroom

(all WASTECON attendees are invited to attend - no ticket required)

Join the Virginia 'Old Dominion' and Mid-Atlantic Chapters of SWANA as we continue to celebrate SWANA's 50th Anniversary with a night filled with food, laughs, music and entertainment. This Chapter-organized event is always a highlight of WASTECON, and this year won't be an exception thanks to a special performance by the **Capitol Steps presented by Gershman, Brickner & Bratton, Inc., RRT Design & Construction, and Renewable Energy from Waste**. An American political satire troupe based in D.C., the Capitol Steps have recorded more than 30 albums and been featured on NBC, CBS, ABC, PBS and NPR. Founded in 1981 by a group of Senate staffers, the troupe's current performers have worked in a total of 18 Congressional offices and represent 62 years of collective House and Senate staff experience. Don't miss this opportunity to see how these experts really do put the "MOCK" in democracy!

Networking Event music sponsored by



Performance presented by:




WASTECON 2013 Kick-Off Party

Thursday, August 16 • 3:00pm - 4:00pm • National Harbor 2

As WASTECON 2012 draws to a close, attend this event to find out why you should be looking forward to Long Beach! SWANA's Southern California "Founding" Chapter members will be here to tell you why WASTECON 2013, to be held September 17-19 at the Long Beach Convention Center, is an event you don't want to miss!

ELECTED OFFICIALS TRACK

When our members told us that educating solid waste board members and elected officials is important to them, we listened and incorporated an Elected Officials Track into WASTECON. Look for the icon  throughout the WASTECON schedule for suggested sessions that you may want to attend with your elected officials. Also, don't forget to check out the Waste Conversion Technologies Showcase and the NEW Collection Innovation Technologies Showcase as well.

IDENTIFY, RESEARCH AND ADVANCE THE FIELD OF SOLID WASTE MANAGEMENT

Subscribe to SWANA's Applied Research Foundation

SWANA's Applied Research Foundation (ARF) provides solid waste professionals with current research on important industry issues, plus the opportunity to choose research topics and actively participate in the research process. For just A FEW CENTS per ton of waste you manage, you can make a huge difference in the industry.

As an ARF subscriber you will:

- Select relevant research topics that address critical industry issues
- Access valuable resources and research reports
- Mitigate risks of new technologies
- Network with public and private sector leaders
- Share your opinions and insights
- Positively contribute to your career, your organization and the solid waste industry as a whole



For more information and to subscribe, visit www.swana.org/ARF or contact Jeremy O'Brien at jobrien@swana.org.

WASTE CONVERSION TECHNOLOGIES SHOWCASE

2nd Annual Waste Conversion Technologies Showcase

After an overwhelmingly positive response to last year's Waste Conversion Technologies (WCT) Showcase, WASTECON 2012 once again features a WCT Pavilion in the exhibit hall and an entire track of technical sessions highlighting waste conversion technologies—including gasification, pyrolysis, plasma arc, hydrolysis/fermentation and anaerobic digestion—and their associated planning and implementation topics.

WCT Technical Session Schedule:

Tuesday, August 14

10:00am – 2:00pm	WCT Pavilion Open
2:00pm – 2:30pm Maryland A	Plenary Session <i>Waste Management's Involvement with Waste Conversion Technologies</i> Carl Rush, Senior Vice President of Organic Growth, Waste Management, Inc.
2:30pm – 3:30pm Maryland A	Technical Session: The Developers' Perspectives Part 1 <i>Status Report and Update on North American WCT Projects</i> Harvey Gershman, President, Gershman, Brickner & Bratton, Inc. <i>Waste to Energy through Gasification</i> Chris Koczaja, VP of Sales & Engineering, PHG Energy <i>Benefits of Waste Conversion Technologies:</i> <i>The Enerkem Thermochemical Technology Platform</i> Dirk Andreas, Vice President, Business Development, Enerkem
4:00pm – 5:30pm Maryland A	Technical Session: The Developers' Perspectives Part 2 <i>Integrated Conversion and Refining System: A Presentation of Environmental and Performance Data</i> Alisdair McLean, Senior Vice President, Business Development, Plasco Energy Group <i>Sustainability in an Urban Environment through Anaerobic Digestion</i> Thomas Gratz, Regional Sales Manager, EISENMANN Corporation <i>Executive Anaerobic Digestion: Project Approaches and Examples</i> Eric Herbert, CEO, Zero Waste Energy, LLC

Wednesday, August 15

11:00am – 5:00pm **WCT Pavilion Open**

Thursday, August 16

9:00am – 12:00pm	WCT Pavilion Open
12:00pm – 1:30pm National Harbor 13	WCT Technical Session: The Consultants' Perspectives <i>MSW Conversion and Recycling Facilities as Anchor Tenants</i> Paul Hauck, Senior Environmental Engineer, CDM Smith <i>Challenges and Opportunities in Anaerobic Digestion</i> Perry L. Schafer, Director of Business Development, Brown & Caldwell <i>Will Gasification Deliver on its High Efficiency/Low Impact Potential?</i> Ted Pytlar, Vice President, D&B Engineers and Architects
2:00pm – 3:00pm National Harbor 13	WCT Technical Session: The Local Government Perspective <i>Prince William County's RFP For Waste Conversion Technologies</i> Tom Smith, Solid Waste Director, Prince William County, VA

WCT Exhibitors

Agilyx

Booth 1449
www.agilyx.com
Lew Feucht
503-906-5231
lfeucht@agilyx.com

Ener-G Natural Power, Ltd.

Booth 1448
www.ener.co.uk
Matthew Back
matthew.back@ener.co.uk

PHG Energy

Booth 1450
www.phgenergy.com
Mike Webb
615-481-7067
mike.webb@phgenergy.com

Plasco Energy

Booth 1446
www.plascoenergygroup.com
Amanda Gorchinski
613-591-9938
agorchinski@plascoenergygroup.com

Zero Waste Energy

Booth 1451
www.zwenergy.com
Erica Ghiorso
925-297-0600
erica@zwenergy.com



COLLECTION TECHNOLOGY INNOVATIONS SHOWCASE

Technology and service innovations—such as alternative fuels, regenerative braking systems and bi-weekly recyclables collection—are currently transforming the solid waste industry. SWANA's Inaugural Collection Technology Innovations (CTI) Showcase focuses on addressing the needs and perspectives of the public sector solid waste manager, who not only represents the local government that will purchase and implement the new collection vehicle fuel or technology but also must address and resolve any associated operation and maintenance issues. The Showcase features dedicated technical sessions and vendors throughout the Exhibit Hall.

CTI Technical Session Schedule:

Tuesday, August 14

10:00am – 2:00pm	Exhibit Hall Open
2:00pm – 3:30pm Maryland C	Plenary Session <i>Converting to CNG in Light of New Natural Gas Supplies in the U.S. and Canada</i> Richard Kolodziej, President, NGV America
4:00pm – 5:30pm Maryland C	Technical Session: Reducing Costs and Improving Services in Waste and Recyclables Collection <i>Switching to Every Other Week Recyclables Collection</i> Victoria Johnson, Director of Solid Waste, Charlotte, NC Jeremy O'Brien, S.C., Director of Applied Research, SWANA <i>Paradigm Shift in Commercial Recyclables and Food Waste Diversion</i> Kevin Barnes, Solid Waste Director, Bakersfield, CA

Wednesday, August 15

11:00am – 5:00pm	Exhibit Hall Open
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Thursday, August 16

9:00am – 12:00pm	Exhibit Hall Open
12:00pm – 1:30pm National Harbor 12	Technical Session: CNG as a Vehicular Fuel for Refuse Collection <i>Using CNG in Refuse Vehicles: Real World Experience</i> Robin Ennis, S.C., Chief, Collection Section, Montgomery County, MD <i>Dekalb County LFG to CNG Project</i> William Malone, S.C., Assistant Director, Dekalb County, GA <i>BioCNG as a Fuel for Refuse Fleets</i> Christopher Voell, Eastern Sales Manager, BioGNC, LLC
2:00pm – 3:00pm National Harbor 12	Technical Session: Energy Conservation Innovations for Collection Vehicles <i>Waterless Engine Coolants</i> Mike Tourville, Marketing Manager, Evans Cooling Systems, Inc. <i>Field Testing of HRB Systems by New York City's Department of Sanitation</i> Rocco DiRico, NYC Department of Sanitation

CTI Exhibitors

Evans Cooling Systems, Inc.

Booth 1511
www.evanscooling.com
Mike Tourville
860-668-1114
mtourville@evanscooling.com

Parker Hannifin Corporation, FNS Division

Booth 1612
www.parker.com
Craig Dillworth
800-343-4048
cdillworth@parker.com

Questar Fueling

Booth 1513
www.questar.com
Judd Cook
801-324-2861
judd.cook@questar.com

WasteRunner

Booth 1610
www.enaptive.com
Paresh Hirapara
904-281-1902
paresh@enaptive.com



PRE-CONFERENCE EVENT SCHEDULE

Sunday, August 12

- 7:00 am-5:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 7:00 am-8:00 am Training Course Continental Breakfast, Maryland A
- 7:30 am-8:00 am Training Course Proctor Meeting, Maryland A Registration Desk
- 8:00 am-5:30 pm SWANA Training Center (*training registration required*)
- Manager of Landfill Operations (MOLO) Course, Maryland 5
 - Managing MSW Collection Systems Course, Maryland 4
 - Managing Composting Programs Course, Chesapeake L
 - HHW & CESQG Collection Operations Course, Maryland 3
 - Managing Integrated Solid Waste Management Systems Course, Maryland 1
 - Managing Recycling Systems Course, Maryland 2
 - Managing Transfer Station Systems Course, Chesapeake K
- 12:00 pm-1:00 pm Training Center Lunch, Maryland A
- 6:30 pm-9:00 pm SWANA Certification Celebration, Maryland Ballroom (*ticket required*)

Monday, August 13

- 7:00 am-7:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 7:00 am Golf Tournament Bus Departs from the Maryland Bus Loop
- 7:00 am-8:00 am Training Course Continental Breakfast, Maryland A
- 7:00 am-8:00 am Facility Tour Continental Breakfast & Meeting Area, Maryland C
- 7:30 am-8:00 am Training Course Proctor Meeting, Maryland C Registration Desk
- 7:15 am-8:00 am Facility Tour Proctor Meeting, Maryland C Registration Desk
- 8:00 am-5:00 pm Facility Tours, Buses Depart from the Maryland Bus Loop (*separate registration and fee required*)
- 8:00 am-5:00 pm Washington Insider's Experience, Bus Departs from the Maryland Bus Loop (*separate registration and fee required*)
- 8:00 am-5:30 pm SWANA Training Center (*training registration required*)
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 - Managing Composting Programs Course, Chesapeake L
 - HHW & CESQG Collection Operations Course, Maryland 3
 - Managing Integrated Solid Waste Management Systems Course, Maryland 1
 - Managing Recycling Systems Course, Maryland 2
 - Managing Transfer Station Systems Course, Chesapeake K
 - Managing Bioreactor and Leachate Recirculation Landfills Course, Chesapeake B
 - Organics Collection Course, Chesapeake C
 - Implementing an Energy-from-Waste Project Workshop, Chesapeake G
- 9:00 am Golf Tournament Shotgun Start, Laurel Hill Golf Course (*separate registration and fee required*)
Hosted by the Mid-Atlantic and Virginia "Old Dominion" Chapters of SWANA

Monday, August 13 continued

- 4:00 pm-5:30 pm Technical Division Directors Meeting, Chesapeake H
- 5:30 pm-6:45 pm Ignite® WASTECON, National Harbor 4 *(open to all registered attendees)*
- 7:00 pm-9:00 pm Opening Reception, Maryland Ballroom *(ticket required)*
- 9:30 pm-12:00 am Young Professional Networking Event, National Harbor 4
(Invitation-only event for YP professionals and guests)



EVENT SCHEDULE

Tuesday, August 14

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 - Managing Recycling Systems Course, Maryland 2
 - Managing Transfer Station Systems Course, Chesapeake K
 - Managing Bioreactor and Leachate Recirculation Landfills Course, Chesapeake B
 - Organics Collection Course, Chesapeake C
- 8:00 am Flag Bearers Assembly, Chesapeake H
- 8:30 am-10:00 am Opening Ceremonies and Awards Breakfast, Maryland Ballroom
- 10:00 am-2:00 pm Exhibit Hall Open *(open to all registered attendees)*
- 12:00 pm Lunch, Entrance to Exhibit Hall E *(ticket required)*
- 12:00 pm-1:00 pm SWANA Certification Information Session, Green Meeting Room
- 12:00 pm-1:00 pm Landfill Gas Management Technical Division Meeting, Chesapeake G
- 12:30pm-1:00pm Technical Session Proctor Meeting, Maryland C Registration Desk
- 1:00 pm-2:00 pm Landfill Management Technical Division Meeting, National Harbor 11
- 1:00 pm-2:00 pm **Exhibit Hall Session, Blue Meeting Room**



The History of SWANA

H. Lanier "Lanny" Hickman, Hickman Associates
Kathy Callaghan, Associate Director, SWANA

1:00 pm-2:00 pm Young Professionals Meeting, Green Meeting Room

1:45 pm **\$1,000 Drawing**, SWANA Break Zone

2:00 pm-3:30 pm **Concurrent Technical Sessions** (conference registration required)

 **Maximizing the Efficiency of Collection Operations, National Harbor 2**

Moderator: Michael Greenberg, President, GT Environmental, Inc.

Be the One: What a One Container Limit Can Do in Your Community

Raffaella Morello, Project Manager, Operations, City of Hamilton, ON

RFID Applications in Automated Trash Collection Service

Richard Lilyquist, Director of Public Works, City of Lakeland, FL

Data is King: If You Don't Measure It, You Can't Manage It!

Don Ross, S.C., Senior Consultant, Kessler Consulting, Inc.

 **Maximizing Space with Landfill Redevelopment: Part 1, National Harbor 4**

Moderator: Aamod Sonawane, Senior Project Manager, CDM Smith

Reuse and Recycle? The Basis for Landfill Closure, Remediation and Redevelopment

Joan Smyth, Principal, Senior Hydrogeologist, Richardson Smith Gardner and Associates, Inc.

Conducting a Feasibility Study of a Small Community's Solid Waste Infrastructure Needs

Marc Rogoff, Project Director, SCS Engineers

Cecil County Central Landfill Cell 4 Redevelopment: Observations and Lessons Learned

Craig Marker, Project Manager, Cecil County Dept. of Public Works, MD

Enhancing Public Perception with Good Neighbor Policies at Landfills: A Case Study

Anthony Creech, Section Manager, Groundwater & Geology, Resource International, Ltd.

LFG Rules and Regulation Case Studies, National Harbor 3

Moderator: Niki Wuestenberg, Manager, Air Compliance, Republic Services, Inc.

Defending Landfills Accused of Landfill Gas Impacts on Neighboring Properties

Patrick Sullivan, Senior Vice President, SCS Engineers

Converting Industrial Burners to Landfill Gas Firing

Joseph Curro, Principal Engineer, CDM Smith

When Gas and Groundwater Collide

Roger Moeller, Senior Project Engineer, SCS Engineers

Current Landfill Issues, National Harbor 11

Moderator: Kevin Yard, Vice President/Office Director, SCS Engineers

EU Landfill Directive and Its Impact on Practices in Europe

Derek Greedy, President, Chartered Institution of Wastes Management, United Kingdom

Turning Your Landfill into a Solar Power Factory: New Technologies Provide More Opportunities

Bruce Clark, S.C., Project Director, SCS Engineers

Installation of Photovoltaic Solar Energy Arrays on Top of Closed Landfills and Brownfields

Paul Curran, Managing Director, SunEdison

 **Turning Leftovers into Resources, National Harbor 10**

Moderator: Brandy Johnson, Senior Applications Engineer, John Zink Company

Food Scrap Composting: The Good, the Bad and the Yucky

Tim Flanagan, S.C., Assistant General Manager, Monterey Regional Waste Management District, CA

Large Institution Food Waste Recycling

Kevin Barnes, Solid Waste Director, City of Bakersfield Solid Waste Division, CA

Organic Waste Diversion Schemes: Optimizing Collection through Tools and Planning

Rhodes Yepsen, Consultant, Novamont North America

**Technical Session
Break • Booth 904
Tuesday, 3:30pm-4pm**



S.C. designates
SWANA Certification

 **Planning for a Sustainable Future, National Harbor 5**

Moderator: Scott Messier, S.C., Project Manager, SCS Field Services

Funding, Franchise Agreements, Facilities: A Perfect Storm

William Merry, S.C., General Manager, Monterey Regional Waste Management District, CA

Solid Waste Management after 2018: Future Options for the South Hampton Roads Region of Virginia

Robert Gardner, Senior Vice President, SCS Engineers

2:00 pm-5:00 pm

WASTECON Health & Safety Series, National Harbor 13 (conference registration required)

Moderator: Tom Parker, Associate, CDM Smith



Injuries, Illnesses and Fatality Statistics

David Utterback, Services Sector Coordinator, National Institute for Occupational Safety and Health

OSHA Accident Investigation Case Studies

John McFee, Safety Specialist, OSHA

SWANA's Texas "Lonestar" Chapter's SMART Program

David Vartian, Chair, TXSWANA SMART Program and Interim Manager of Landfill Operations, McCommas Bluff Landfill, City of Dallas Sanitation Services Department, TX

LFG and Confined Space

Chris Marlowe, Safety and Health Manager, CDM Smith

Keeping Your Workforce Healthy: Injury Prevention, Ergonomics, Manual Material Handling

Dr. Tom Renner, Founder/Co-Owner, Corporate Injury Management Associates

2:00 pm-2:30 pm



WCT Showcase Plenary Session, Maryland A (conference registration required)

Moderator: John Skinner, CEO, SWANA

Waste Management's Involvement with Waste Conversion Technologies

Carl Rush, Senior Vice President of Organic Growth, Waste Management, Inc.

SWANA CERTIFICATION is recognized by numerous states as the standard for solid waste employees. Being SWANA Certified enhances your resume and distinguishes you as a leader in your profession. Certification empowers you with the latest information, creates networking opportunities with fellow professionals, and identifies you as an asset to the industry.



Benefits of a SWANA Professional Certification

Professionalism - Certification demonstrates a high level of professionalism to your coworkers and customers, increasing your consultative value.

Leadership - Certification signifies that you are dedicated to continuous self-improvement and the maintenance of professional standards for your staff.

Recognition - Certified SWANA professionals receive a personalized certificate, and the privilege of using the S.C. designation on their letterhead and business cards (e.g. Joan Smith, S.C.)

Knowledge - Certification will improve your understanding of current best practices, trends and regulatory requirements in the solid waste industry.

Achievement - Only a small percentage of solid waste professionals achieve certification, indicating you are a leader in your profession.

SWANA offers certification in nine disciplines in the solid waste industry.

For more information on SWANA Certification, please visit www.swana.org/certification.

Stop by the Certification Tower outside of the Maryland Ballroom to see all the people who are currently SWANA Certified. Celebrate your certification, find your name and sign the tower!



2:00 pm-3:30 pm

CTI Showcase Plenary Session, Maryland C *(conference registration required)*

Moderator: Brett Wolfe, Waste and Industrial Program Director, HDR

Converting to CNG in Light of New Natural Gas Supplies in the U.S. and Canada

Richard Kolodziej, President, NGV America

2:30 pm-3:30 pm



WCT Showcase Technical Session: The Developer's Perspective Part 1, Maryland A

(conference registration required)

Moderator: Joe Murdoch, Senior Vice President, HDR

Status Report and Update on North American WCT Projects

Harvey Gershman, President, Gershman, Brickner & Bratton, Inc.

Waste to Energy through Gasification

Chris Koczaja, VP of Sales & Engineering, PHG Energy

Benefits of Waste Conversion Technologies: The Enerkem Thermochemical Technology Platform

Dirk Andreas, Vice President, Business Development, Enerkem

4:00 pm-5:30 pm

Concurrent Technical Sessions *(conference registration required)*



Sustainable Transfer Stations, National Harbor 2

Moderator: Tim Flanagan, S.C., Assistant General Manager, Monterey Regional Waste Management District, CA

Seattle's South Transfer Station: A Sustainability Facility

Henry Friedman, S.C., Project Manager, Seattle Public Utilities, WA

WASTECON 2012



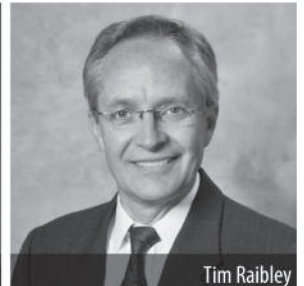
Eric A. Mead



Alan Cohen



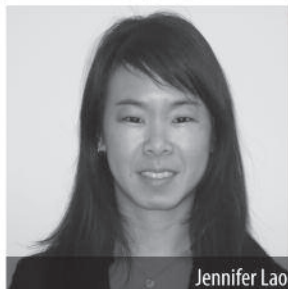
Shawn Worster



Tim Raibley



PLEASE PLAN TO ATTEND THE FOLLOWING HDR PRESENTATIONS:



Jennifer Lao

VISIT US AT BOOTH:
941



■ **"Waste Not: Planning the Waste Out of Waste Transfer"**

Eric Mead
Tuesday, August 14th | 4:00 PM

■ **"Implementing an Energy from Waste Project"**

Alan Cohen
Shawn Worster
Tim Raibley
Monday, August 13th | full-day course

■ **"Anaerobic Digestion to Food Waste and Manure into Renewable Energy for the University of California Davis"**

Tim Raibley
Thursday, August 16th | 12:00pm

■ **"Breaking the Mold of Traditional Educational Outreach Programs: Best Practices in North America"**

Jennifer Lao
Thursday, August 16th | 12:00pm

Waste Not: Planning the Waste Out of Waste Transfer

Eric Mead, Pacific NW Waste Sector Leader, HDR Engineering

Planning/Design of Facilities to Support a Zero Waste System Transformation of Transfer Station and Recycling Facilities

James Miller, President & CEO, J.R. Miller & Associates



Engaging the Public, National Harbor 5

Moderator: Pete Carrico, Vice President, SCS Engineers

Engaging the Public through the Lens of the Advocacy Pyramid

Jay Vincent, Senior Vice President, Saint Consulting

Maximizing Space with Landfill Redevelopment: Part 2, National Harbor 4

Moderator: Tom Shuput, Vice President of Business Development, SCS Engineers

Lanchester Landfill Area D Expansion: Maximizing Landfill Capacity with Minimal Impact to the Site Footprint

Daniel Fellon, Project Engineer, ARM Group, Inc.

Slope Stability Evaluation of a Wet MSW Landfill Utilizing Cone Penetrometer Testing

Roger Failmezger, President, In-Situ Soil Testing, L.C.

Permanent Seismic Displacement Evaluation and Comparison of Methodologies

H. James Law, S.C., Project Director, SCS Engineer

LFG Beneficial Use Case Studies, National Harbor 3

Moderator: Carlo Lebron, Vice President, HDR Engineering

A Case Study: The Beneficial Use of Liquids for Waste Decomposition and Gas Generation at a Landfill in Kansas

Jack Chappelle, President & CEO, Engineering Solutions & Design, Inc.

Three Case Studies Demonstrating Financially Viable Beneficial Use Projects at Small Landfills

Brian Stuver, Client Service Manager, Joyce Engineering



Handling Special Waste, National Harbor 10

Moderator: Shane Womack, Business Group Leader, Associate, HDR Engineering

Increasing Diversion of Universal Waste through a Mandatory Retail Take-Back Program: The Case of San Luis Obispo County, California

Travis P. Wagner, Associate Professor, University of Southern Maine

Innovative Direct Outreach Program to Universal Waste CESQGs

Deborah Spiliotopoulos, Senior Environmental Planner, Northern Virginia Regional Commission

Pharmaceutical Collection: From One-Day Events to Permanent Solutions

Victoria Hodge, HHW Supervisor, City of Denton, TX

Managing Communications within Your Communities, National Harbor 11

Moderator: Jeffrey Murray, S.C., Project Manager, CMA Engineers, Inc.

Is Community Support a Renewable and Sustainable Resource?

Frank Rizzo, Founding Partner, Five Corners Strategies

When You Need Community Support: Making Informed Decisions Using Low-Cost Research

Mary-Jane Atwater, Principal Associate, Gershman, Brickner & Bratton, Inc.



Implementing WTE to Green Your System, National Harbor 12

Moderator: Aaron Gilman, Senior Project Development, SCS Field Services

Is Mechanical Biological Treatment the Solution to Residual Waste Treatment and Disposal?

Adam Read, Global Practice Director, AEA

Waste-to-Energy is a Healthy Part of a Solid Waste Management Plan

Sarah Garvan, Staff Assistant, Solid Waste, Westchester County Dept. of Environmental Facilities, NY

Lesson Learned: Winning Approval for the Toughest Projects

John Foden, Executive Director, Canadian Energy-from-Waste Coalition

Tuesday, August 14 continued

4:00 pm-5:30 pm  **WCT Showcase Technical Session: The Developer's Perspective Part 2, Maryland A**
(conference registration required)
Moderator: Brent Dieleman, S.C., Project Professional, SCS Engineers

Integrated Conversion and Refining System: A Presentation of Environmental and Performance Data
Alisdair McLean, Senior Vice President Business Development, Plasco Energy Group

Sustainability in an Urban Environment through Anaerobic Digestion
Thomas Gratz, Regional Sales Manager, EISENMANN Corporation

Executive Anaerobic Digestion: Project Approaches and Examples
Eric Herbert, CEO, Zero Waste Energy, LLC

4:00 pm-5:30 pm **CTI Showcase Technical Session: Reducing Costs and Improving Services in Waste and Recyclables Collection, Maryland C** (conference registration required)
Moderator: Robert Craggs, Vice President and National Director, Solid Waste Section, SAIC Energy, Environmental and Infrastructure, LLC

Switching to Every Other Week Recyclables Collection
Victoria Johnson, Director of Solid Waste, Charlotte, NC
Jeremy O'Brien, S.C., Director of Applied Research, SWANA

Paradigm Shift in Commercial Recyclables and Food Waste Diversion
Kevin Barnes, Solid Waste Director, Bakersfield, CA

4:00 pm-5:30 pm **SWANA Advocacy and Rules & Regulations Committee Meeting, Chesapeake G**

Wednesday, August 15

7:30 am-5:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer

8:00 am-9:00 am Canadian Breakfast, National Harbor 2 (invitation only)

7:30 am-8:00 am SWANA Certification Exam Check-In, National Harbor Foyer

8:00 am-11:30 am SWANA Certification Exams, National Harbor 11

9:00 am-9:30 am SWANA Annual Business Meeting, Maryland Ballroom

9:30 am-10:00 am Lawrence Lecture, Maryland Ballroom (conference registration required)

10:00 am-11:00 am WASTECON Game Changers, Maryland Ballroom (conference registration required)

11:00 am-5:00 pm Exhibit Hall Open (open to all registered attendees)

12:00 pm Lunch, Entrance to Exhibit Hall E (ticket required)

11:00 am-12:00pm Chapter Officers Meeting, National Harbor 4

11:00 am-12:00 pm Communication, Education & Marketing Technical Division Meeting, Green Meeting Room

12:00 pm-1:00 pm Road-E-O Committee Meeting, National Harbor 4

1:00 pm-2:00 pm ARF Waste-to-Energy Group Meeting, National Harbor 3

1:00 pm-2:00 pm  **Exhibit Hall Technical Session, Blue Meeting Room**
Moderator: Bob Watts, S.C., Executive Director, Chester County Solid Waste Authority, PA

Update on Flow Control Litigation
Barry Shanoff, General Counsel, SWANA and Attorney, Knopf & Brown
Mike Cahill, Partner, Germano & Cahill, PC

Ice Cream Break
Booth 1435
Wednesday, 11 am-4:30pm



Wednesday, August 14 continued

- 12:30 pm-2:00 pm Recycling and Special Waste Technical Division Meeting, Green Meeting Room
- 2:00 pm-3:00 pm ARF Recycling Group Meeting, National Harbor 3
- 2:00 pm-3:00 pm SWANA Faculty Meeting, Chesapeake A
- 2:00 pm-3:00 pm Waste-to-Energy Technical Division Meeting, Green Meeting Room
- 2:15 pm-2:45 pm **Exhibit Hall Session, Blue Meeting Room**
Moderator: Joe Murdoch, Senior Vice President, HDR



Hickman Scholarship Report: Uses for Waste Virgin Gypsum Drywall
Fabien Besnard, Graduate Student/Ph.D. Candidate, University of North Carolina Charlotte

- 3:00 pm-4:00 pm **Exhibit Hall Session, Blue Meeting Room**
Moderator: Olivia Williams, Waste Resources Engineer, HDR Engineering

Waste Infrastructure Community Engagement Toolkit
Adam Read, Global Practice Director, AEA

- 3:00 pm-4:00 pm Collection & Transfer Technical Division Meeting, Green Meeting Room
- 3:00 pm-4:00 pm ARF Disposal Group Meeting, National Harbor 3
- 3:00 pm-5:00 pm Trade Show Reception, Exhibit Hall *(open to all registered attendees)*
- 4:00 pm-5:00 pm Planning & Management Technical Division Meeting, Green Meeting Room
- 4:00 pm-5:00 pm ARF Collection Group Meeting, National Harbor 3
- 4:45pm **\$1,000 Drawing**, SWANA Break Zone
- 6:00 pm-8:30 pm Networking Event, Orchard Terrace *(ticket required)*
- 8:30 pm-9:30 pm Capitol Steps Performance, Maryland Ballroom *(All WASTECON attendees are welcome.)*
Hosted by the Mid-Atlantic and Virginia "Old Dominion" Chapters of SWANA
Capitol Steps sponsored by



Networking Event
music sponsored by



Thursday, August 16

- 8:30 am-12:00 pm Registration and Badge Pick-Up, Prince George's Exhibit Hall Foyer
- 9:00 am-12:00 pm Exhibit Hall Open *(open to all registered attendees)*
- 10:00 am-11:00 am Exhibitor Advisory Committee Meeting, Green Meeting Room
- 10:00 am-11:00 am Technical Division Training Chairs Meeting, Chesapeake A
- 11:00am Lunch, Entrance to Exhibit Hall E *(ticket required)*
- 11:45 am **\$1,000 Drawing**, SWANA Break Zone
- 11:30 am-12:00 pm Technical Session Proctor Meeting, Maryland C Registration Desk
- 12:00 pm-1:30 pm **Concurrent Technical Sessions** *(conference registration required)*

Ice Cream Break
Booth 1435
Thursday, 9am-11:30am



Sweet Break
Booth 904
Thursday, 9-9:30am



Looking (Again) at Enhancing the Reuse of Waste-to-Energy Ash

Moderator: Ted Michaels, President, Energy Recovery Council



MSW Combustor Ash: Opportunities and Limitations

Frank Roethel, Chemical Oceanographer, Marine Sciences Research Center, Stony Brook University

Taking Ash Recycling to the Next Level

John Joyner, President, Inascho North America, Inc.



Developing Renewable Resources from Waste

We understand solutions must be practical both in the short and long term. To accomplish this, SAIC combines technical and financial know-how with innovative problem solving in everything we do—from program evaluation to development of capital facilities—to help you find the optimal solution.



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Communication in Action, National Harbor 11

Moderator: Mark Roberts, S.C., Vice President, HDR Engineering

Channeling Your Communications Resources

Elizabeth Roe, President, Eco Partners, Inc.

Innovative and Interactive Educational Outreach Programs: Examples and Best Practices in North America

Jennifer Lao, Integrated Waste Management Consultant, HDR Engineering

Collection System Upgrade Case Studies, National Harbor 2

Moderator: Ron Romero, Division Manager, Collections, Austin Resource Recovery

New Award Winning Collection Programs: Fort Wayne, IN, Reaping Significant ROI

Tim Giardina, Vice President, Gershman, Brickner & Bratton, Inc.

Greening the System: King County's Approach to Overhauling an Aging Recycling and Transfer System Network

Nori Catabay, Program Manager, King County Solid Waste Division, WA

Developing the Next Generation Recycling and Waste Transfer Station for the County of Hawaii: The Pahoia Recycling and Transfer Station

Terin Gloor, Senior Engineer, County of Hawaii Department of Environmental Management



Contracting for Sustainability, National Harbor 5

Moderator: Elizabeth Rice, Consultant, Gershman, Brickner, & Bratton, Inc.

Share the Love: Public-Private Partnerships that Work

Mitch Kessler, S.C., President, Kessler Consulting, Inc.

Flow Control vs. Contracts for Waste Assurance: A Case Study in PA

Terry Keene, Senior Managing Engineer, Barton & Loguidice Engineers

Collecting LFG from Smaller Landfills, National Harbor 3

Moderator: Robert Schoenberger, Chairman, Chester County Solid Waste Authority, PA

Teaming for Success: The St. Joseph Landfill Gas Story

Laurie Gates, CT/Renewables Supervising Engineer, KCP&L Supply Engineering

Active Landfill Gas Collection: Worcester County, MD

Darl Kolar, Project Manager, EA Engineering, Science & Technology, Inc.

New Beneficial Use of LFG: Animal Incineration

Darrin D. Dillah, Vice President, SCS Engineers

Organics Resource Management, National Harbor 10

Moderator: Jim Lapp, S.C., Supervisor, Compost Operations, Edmonton Waste Management Centre



Columbia Biogas: Renewable Energy Production through Anaerobic Digestion of Commercial Food Wastes

Robert Craggs, Vice President and National Director, SAIC Energy, Environmental & Infrastructure, LLC

Anaerobic Digestion of Food Waste and Manure into Renewable Energy for the University of California, Davis

Timothy Raibley, Vice President, HDR

Evaluation and Implementation of a Regional Source-Separated Organic Waste Digestion Facility at the Lexington, Massachusetts, Landfill

Bruce Haskell, Vice President, CDM Smith

An Introduction to Aerated and Static Compost Systems: How to Choose Appropriate Options and Cost Considerations

Steve Diddy, Business Development Director, Engineered Compost Systems

Landfill Case Studies, National Harbor 4

Moderator: Mike Murphy, Project Manager, SCS Field Services

Project Case Study: Madison County Landfill Solar Cap


Sean Sweeney, S.C., Senior Project Engineer, Barton & Loguidice, P.C.

Cherry Island Landfill Expansion: ASCE Outstanding Civil Engineering Achievement Finalist

Thomas Ramsey, Associate, Geosyntec Consultants

Trending Designs in Landfill Closure: Case Studies and Data on Exposed, Trenchless Covers

Chris Eichelberger, Director of Business Development, American Environmental Group, Ltd.

12:00 pm-1:30 pm  **WCT Showcase Technical Session: The Consultants' Perspectives, National Harbor 13**
(conference registration required)
Moderator: Tim Raibley, Vice President, HDR Engineering

MSW Conversion and Recycling Facilities as Anchor Tenants

Paul Hauck, Senior Environmental Engineer, CDM Smith

Challenges and Opportunities in Anaerobic Digestion

Perry L. Schafer, Director of Business Development, Brown and Caldwell

Will Gasification Deliver on its High Efficiency/Low Impact Potential?

Ted Pytlar, Vice President, D&B Engineers and Architects

12:00 pm-1:30 pm **CTI Showcase Technical Session: CNG as a Vehical Fuel for Refuse Collection, National Harbor 12**
(conference registration required)
Moderator: Tom Reardon, Vice President, Gershman, Brickner & Bratton, Inc.

Using CNG in Refuse Vehicles: Real World Experience

Robin Ennis, S.C., Chief, Collection Section, Montgomery County, MD

Dekalb County LFG to CNG Project

William Malone, S.C., Assistant Director, Dekalb County, GA

BioCNG as a Fuel for Refuse Fleets

Christopher Voell, Eastern Sales Manager, BioCNG, LLC

2:00 pm-3:00 pm **Concurrent Technical Sessions** (conference registration required)



Taking Recycling to the Next Level, National Harbor 10

Moderator: Michelle Leonard, S.C., Vice President, HDR Engineering



Maximum Recovery of Recyclables from MSW Using State-of-the-Art Processing and Sorting Technologies

Felix Hottenstein, CP Group Sales, CP Manufacturing

Exploring Mixed Waste Processing Opportunities in Boulder Colorado: Evaluating the Business Case for a Dirty MRF

Karl Hufnagel, S.C., Senior Project Engineer, SAIC Energy, Environmental & Infrastructure, LLC

Making the Connection: Water, Energy, Climate, Food, Soil and MSW Composting

Noel Lyons, Business Development Director, McGill Environmental Systems

Understanding Your Waste to Maximize its Value, National Harbor 5

Moderator: Ruth Abbe, Vice President, HDR Engineering

Utilizing Statewide Municipal Solid Waste Composition Data to Evaluate Effectiveness of Waste Ban Regulation

Alan Kirschner, Vice President, Brown and Caldwell

What's in Your Trash? Implementing a Curbside Audit Program to Help in Future Decision Making

Erik Grabowsky, Bureau Chief with Solid Waste, Arlington County, VA

Expanding Participation with Social Media, National Harbor 11

Moderator: Jennifer Lao, Integrated Waste Management Consultant, HDR Engineering

Region of Durham Initiative to Use Social Media as a Tool to Increase Diversion Rates and Achieve a 70% Diversion Goal

Mirka Januszkiewicz, Director of Waste Management Services, Regional Municipality of Durham, ON

Links and Tweets and Blogs, Oh My! Reaching Residents through Social Media

John Watson, Waste Diversion Education Coordinator, Halton Region, ON



Thursday, August 16 continued

Leachate Management, National Harbor 4

Moderator: Art Mercer, Supervisor of Waste Processing & Environmental Compliance, Region of Halton, ON

Operational Experience Treating Landfill Leachate Using a Man-Made Wetlands Treatment System

Michael Lenkiewicz, S.C., Facility Engineer, Delaware Solid Waste Authority

A Statistical Approach to Minimizing Landfill Leakage

Abigail Beck, Project Engineer, GeoLogic Associates

Biogeochemical Clogging of Landfill Leachate Collection Systems: Why Is It Occurring, How Can It Be Cleaned, and What Can Be Done to Prevent It?

Nathan Mayer, Project Manager, CDM Smith

2:00 pm-3:00 pm



WCT Showcase Technical Session: The Local Government Perspective, National Harbor 13

(conference registration required)

Moderator: Harvey Gershman, President, Gershman, Brickner & Bratton, Inc.

Prince William County's RFP For Waste Conversion Technologies

Tom Smith, Solid Waste Director, Prince William County, VA

2:00 pm-3:00 pm

CTI Showcase Technical Session: Energy Conservation Innovations for Collection Vehicles, National Harbor 12 (conference registration required)

Moderator: Shawn Worster, Associate Vice President, HDR

Waterless Engine Coolants

Mike Tourville, Marketing Manager, Evans Cooling Systems, Inc.

Field Testing of HRB Systems by New York City's Department of Sanitation

Rocco DiRico, NYC Department of Sanitation

3:00 pm-4:00 pm

WASTECON 2013 Kick-Off Party, National Harbor 2

Hosted by the Southern California "Founding" Chapter of SWANA



Long Beach
Convention Center
Long Beach,
CALIFORNIA

September 17-19,

2013

www.WASTECON.org

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SWANA wants to know what you're doing that is shaping the future of solid waste management.

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Deadline: September 30, 2012

CONTINUING EDUCATION UNIT (CEU) REPORT FORM

SWANA CERTIFICATION PROGRAM

WASHINGTON D.C. • AUGUST 14-16, 2012

Name: _____ SWANA Identification #: _____

Organization: _____ Email: _____

Wk Phone: () _____ Alt Ph: () _____

SWANA Certification(s) Currently Held: _____

Obtain a signature from the representative at the end of the event. Only a representative of this session may sign this form to confirm attendance. The signature is mandatory.

YOU MUST ATTEND THE COMPLETE EVENT TO RECEIVE TOTAL POSSIBLE CEUs

August 13, 2012		CEUs	Representative's Signature
Facility Tours or Washington Insiders Tour		5	
August 14, 2012			
2-5:30pm	Health & Safety Series	3	
2 & 4pm	Concurrent Technical Sessions	3	
2 & 4pm	Collection Technologies Innovations (CTI) Showcase Technical Sessions	3	
2 & 4pm	Waste Conversion Technologies (WCT) Showcase Technical Sessions	3	
August 15, 2012			
9:30am	General Session	1	
1pm	Exhibit Hall Technical Session	1	
2:30pm	Exhibit Hall Technical Session	1	
3pm	Exhibit Hall Technical Session	1	
August 16, 2012			
12 & 2pm	Concurrent Technical Sessions	3	
12 & 2pm	CTI Showcase Technical Sessions	3	
12 & 2pm	WCT Showcase Technical Sessions	3	

For SWANA Certified Professionals: Fax (301-585-0297) or email (certification@swana.org) this completed form to: Certification Program Manager. If you have any questions, please call 1-800 GO SWANA or email certification@swana.org.

ALLOW 2 WEEKS FOR PROCESSING OF CEUs

Four SWANA Certification courses are now online! Featuring the same content available at SWANA Training centers and led by SWANA Faculty, these online courses offer you the opportunity to prepare for SWANA certification exams at home or your office. Purchase the entire series as a package or just purchase the sessions most relevant to you. Please visit www.swana.org/training for more information.

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Many states/provinces recognize SWANA as an approved training and continuing education provider. Attendance at SWANA national or chapter training does not guarantee credits will be accepted by your state/provincial certifying board. Your state/province may grant credits differently than the SWANA CEUs distributed for the event. **It is important to consult your state/provincial certification board for details and any required approval prior to training. You are responsible for 30 hours of continuing education during your three-year certification.**

WHO IS SWANA?



SWANA[®]
SOLID WASTE ASSOCIATION
of North America

SWANA is not just a group of more than **8,000 solid waste professionals** across the United States, Canada and beyond with a mission to advance the practice of environmentally and economically **sound management of municipal solid waste**. SWANA is also...

YOUR CONNECTION to other solid waste professionals for advancing yourself both personally and professionally.

- ◆ Chapters
- ◆ Technical divisions
- ◆ Face-to-face networking events
- ◆ Online directory and social networking
- ◆ **NEW!** Young Professionals Group

YOUR RESOURCE for key information that will translate into more efficient operations, innovative ideas and enhanced communication.

- ◆ I AM SWANA News
- ◆ MSW Management: SWANA's official bi-monthly magazine
- ◆ eLibrary presentations, documents, and videos
- ◆ Regular updates on advocacy issues
- ◆ Applied Research Foundation (ARF) reports

YOUR PARTNER in finding solutions to your unique challenges from career development, to finding the best savings on events and products needed to take you to the next level as a solid waste professional.

- ◆ Leadership positions and program development opportunities
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- ◆ Special members only savings on SWANA training and certification
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Refer a friend or fill out an application at the Information Desk!



TECHNICAL DIVISIONS & ADVOCACY

SWANA's Technical Divisions

SWANA's Technical Divisions provide opportunities for members to meet and interact with professionals specializing in all aspects of solid waste management, including:

- ◆ Collection & Transfer (CT)
- ◆ Communication, Education & Marketing (CEM)
- ◆ Landfill Gas Management (LFGM)
- ◆ Landfill Management (LFM)
- ◆ Planning & Management (PM)
- ◆ Recycling & Special Waste (RSW)
- ◆ Waste-to-Energy (WTE)

Membership in one of SWANA's seven Technical Divisions offers many benefits, including:

Helping Shape the Future of SWANA

Assist in the development of technical programs for conferences and events or guide technical policy development and advocacy initiatives. Each Division provides volunteer opportunities through its committees on a fixed term or project basis. These committees are essential to the work SWANA accomplishes.

Special Division Member Pricing

Receive additional discounts beyond SWANA conferences and online training events for being a Technical Division member.

Access to Specialized Information

Gain access to *Tech News*, the go-to quarterly newsletter for each of SWANA's seven Technical Divisions. It's where members go for the latest industry-specific training, education, event and networking information, as well as announcements and peer accolades, Division activities, news, tips and best practices.

Idea Sharing

Network with 3,000 other Division members at Technical Division Meetings held at SWANA events and through online communication tools. Each Division has an exclusive-access online Community Forum where Division members go to solicit feedback and share ideas and advice; it's your own practice area-specific virtual town square!

If you are a member, or are interested in becoming one, be sure to drop by the Division meetings:

Division	Date	Time	Location
CEM	Wednesday, August 15	11:00 am-12:00 pm	Green Meeting Room (Exhibit Hall A)
CT	Wednesday, August 15	3:00 pm-4:00 pm	Green Meeting Room (Exhibit Hall A)
LFGM	Tuesday, August 14	12:00 pm-1:00 pm	Chesapeake G
LFM	Tuesday, August 14	1:00 pm-2:00 pm	National Harbor 11
PM	Wednesday, August 15	4:00 pm-5:00 pm	Green Meeting Room (Exhibit Hall A)
WTE	Wednesday, August 15	2:00 pm-3:00 pm	Green Meeting Room (Exhibit Hall A)
RSW	Wednesday, August 15	12:30 pm-2:00 pm	Green Meeting Room (Exhibit Hall A)



SWANA Advocacy and Rules & Regulations Committee Meeting

Tuesday, August 14 • 4:00 pm - 5:30 pm • Chesapeake G



TECHNICAL SESSIONS BY DIVISION

Collection & Transfer

Tuesday, August 14, 2012—2:00pm-3:30pm

Maximizing the Efficiency of Collection Operations

National Harbor 2

Moderator: Michael Greenberg, President, GT Environmental, Inc.

Be the One: What a One Container Limit Can Do in Your Community

Rafaella Morello, Project Manager, Operations, City of Hamilton, ON

RFID Applications in Automated Trash Collection Service

Richard Lilyquist, Director of Public Works, City of Lakeland, FL

Data is King: If You Don't Measure It, You Can't Manage It!

Don Ross, S.C., Senior Consultant, Kessler Consulting, Inc.

Collection Technology Innovations Showcase Plenary Session

Maryland C

Moderator: Brett Wolfe, Waste and Industrial Program Director, HDR

Converting to CNG in Light of New Natural Gas Supplies in the U.S. and Canada

Richard Kolodziej, President, NGV America

Tuesday, August 14, 2012—4:00pm-5:30pm

Sustainable Transfer Stations

National Harbor 2

Moderator: Tim Flanagan, S.C., Assistant General Manager, Monterey Waste Management District, CA

Seattle's South Transfer Station: A Sustainability Facility

Henry Friedman, Project Manager, Seattle Public Utilities, WA

Waste Not: Planning the Waste Out of Waste Transfer

Eric Mead, Pacific NW Waste Sector Leader, HDR Engineering

Planning/Design of Facilities to Support a Zero Waste System Transformation of Transfer Station and Recycling Facilities

James Miller, President & CEO, J.R. Miller & Associates

Collection Technology Innovations Showcase Technical Session: Reducing Costs and Improving Services in Waste and Recyclables Collection

Maryland C

Moderator: Robert Craggs, Vice President and National Director, Solid Waste Section, SAIC Energy, Environmental and Infrastructure, LLC

Switching to Every Other Week Recyclables Collection

Victoria Johnson, Director of Solid Waste, Charlotte, NC

Jeremy O'Brien, S.C., Director of Applied Research, SWANA

Paradigm Shift in Commercial Recyclables and Food Waste Diversion

Kevin Barnes, Solid Waste Director, Bakersfield, CA

Thursday, August 16, 2012—12:00pm-1:30pm

Collection System Upgrade Case Studies

National Harbor 2

Moderator: Ron Romero, Division Manager, Collections, Austin Resource Recovery

New Award Winning Collection Programs: Fort Wayne, IN, Reaping Significant ROI

Tim Giardina, Vice President, Gershman, Brickner & Bratton, Inc.

Greening the System: King County's Approach to Overhauling an Aging Recycling and Transfer System Network

Nori Catabay, Program Manager, King County Solid Waste Division, WA

Developing the Next Generation Recycling and Waste Transfer Station for the County of Hawaii: The Pahoia Recycling and Transfer Station

Terin Gloor, Senior Engineer, County of Hawaii Department of Environmental Management

Collection Technology Innovations Showcase Technical Session: CNG as a Vehical Fuel for Refuse Collection

National Harbor 12

Moderator: Tom Reardon, Vice President, Gershman, Brickner & Bratton, Inc.

Using CNG in Refuse Vehicles: Real World Experience

Robin Ennis, Chief, Collection Section, Montgomery County, MD

Dekalb County LFG to CNG Project

William Malone, S.C., Assistant Director, Dekalb County, GA

BioCNG as a Fuel for Refuse Fleets

Christopher Voell, Eastern Sales Manager, BioCNG, LLC

Thursday, August 16, 2012—2:00pm-3:00pm

Collection Technology Innovations Showcase Technical Session: Energy Conservation Innovations for Collection Vehicles

National Harbor 12

Moderator: Shawn Worster, Associate Vice President, HDR

Waterless Engine Coolants

Mike Tourville, Marketing Manager, Evans Cooling Systems, Inc.

Field Testing of HRB Systems by New York City's Department of Sanitation

Rocco DiRico, NYC Department of Sanitation

Communication, Education & Marketing

Tuesday, August 14, 2012—4:00pm-5:30pm

Engaging the Public

National Harbor 5

Moderator: Pete Carrico, Vice President, SCS Engineers

Engaging the Public through the Lens of the Advocacy Pyramid

Jay Vincent, Senior Vice President, Saint Consulting

Managing Communications within Your Communities

National Harbor 11

Moderator: Jeffrey Murray, S.C., Project Manager, CMA Engineers, Inc.

Is Community Support a Renewable and Sustainable Resource?

Frank Rizzo, Founding Partner, Five Corners Strategies

When You Need Community Support: Making Informed Decisions Using Low-Cost Research

Mary-Jane Atwater, Principal Associate, Gershman, Brickner & Bratton, Inc.

Wednesday, August 15, 2012—3:00pm-4:00pm

Exhibit Hall Session

Blue Meeting Room

Moderator: Olivia Williams, Waste Resources Engineer, HDR Engineering

Waste Infrastructure Community Engagement Toolkit

Adam Read, Global Practice Director, AEA

Thursday, August 16, 2012—12:00pm-1:30pm

Communication in Action

National Harbor 11

Moderator: Mark Roberts, S.C., Vice President, HDR Engineering

Channeling Your Communications Resources

Elizabeth Roe, President, Eco Partners, Inc.

Innovative and Interactive Educational Outreach Programs: Examples and Best Practices in North America

Jennifer Lao, Integrated Waste Management Consultant, HDR Engineering

Thursday, August 16, 2012—2:00pm-3:00pm

Expanding Participation with Social Media

National Harbor 11

Moderator: Jennifer Lao, Integrated Waste Management Consultant, HDR Engineering

Region of Durham Initiative to Use Social Media as a Tool to Increase Diversion Rates and Achieve a 70% Diversion Goal

Mirka Januszkiewicz, Director of Waste Management Services, Regional Municipality of Durham, ON

Links and Tweets and Blogs, Oh My! Reaching Residents through Social Media

John Watson, Waste Diversion Education Coordinator, Halton Region, ON

Landfill Gas Management

Tuesday, August 14, 2012—2:00pm-3:30pm

LFG Rules and Regulations Case Studies

National Harbor 3

Moderator: Niki Wuestenberg, Manager, Air Compliance, Republic Services, Inc.

Defending Landfills Accused of Landfill Gas Impacts on Neighboring Properties

Patrick Sullivan, Senior Vice President, SCS Engineers



Converting Industrial Burners to Landfill Gas Firing

Joseph Curro, Principal Engineer, CDM Smith

When Gas and Groundwater Collide

Roger Moeller, Senior Project Engineer, SCS Engineers

Tuesday, August 14, 2012—4:00pm-5:30pm

LFG Beneficial Use Case Studies

National Harbor 3

Moderator: Carlo Lebron, Vice President, HDR Engineering

A Case Study: The Beneficial Use of Liquids for Waste Decomposition and Gas Generation at a Landfill in Kansas

Jack Chappelle, President & CEO, Engineering Solutions & Design, Inc.

Three Case Studies Demonstrating Financially Viable Beneficial Use Projects at Small Landfills

Brian Stuver, Client Service Manager, Joyce Engineering

Thursday, August 16, 2012—12:00pm-1:30pm

Collecting LFG from Smaller Landfills

National Harbor 3

Moderator: Robert Shoenberger, Chairmain, Chester County Solid Waste Authority, PA

Teaming for Success: The St. Joseph Landfill Gas Story

Laurie Gates, CT/Renewables Supervising Engineer, KCP&L Supply Engineering

Active Landfill Gas Collection: Worcester County, MD

Darl Kolar, Project Manager, EA Engineering, Science & Technology, Inc.

New Beneficial Use of LFG: Animal Incineration

Darrin Dillah, Vice President, SCS Engineers

Landfill Management

Tuesday, August 14, 2012—2:00pm-3:30pm

Maximizing Space with Landfill Redevelopment: Part 1

National Harbor 4

Moderator: Aamod Sonawane, Senior Project Manager, CDM Smith

Reuse and Recycle? The Basis for Landfill Closure, Remediation and Redevelopment

Joan Smyth, Principal, Senior Hydrogeologist, Richardson Smith Gardner and Associates, Inc.

Conducting a Feasibility Study of a Small Community's Solid Waste Infrastructure Needs

Marc Rogoff, Project Director, SCS Engineers

Cecil County Central Landfill Cell 4 Redevelopment: Observations and Lessons Learned

Craig Marker, Project Manager, Cecil County Dept. of Public Works, MD

Enhancing Public Perception with Good Neighbor Policies at Landfills: A Case Study

Anthony Creech, Section Manager, Groundwater & Geology, Resource International, Ltd.

Current Landfill Issues

National Harbor 11

Moderator: Kevin Yard, Vice President/Office Director, SCS Engineers

EU Landfill Directive and Its Impact on Practices in Europe

Derek Greedy, President, Chartered Institution of Wastes Management, United Kingdom

Turning Your Landfill into a Solar Power Factory: New Technologies Provide More Opportunities

Bruce Clark, S.C., Project Director, SCS Engineers

Installation of Photovoltaic Solar Energy Arrays on Top of Closed Landfills and Brownfields

Paul Curran, Managing Director, SunEdison

Tuesday, August 14, 2012—4:00pm-5:30pm

Maximizing Space with Landfill Redevelopment: Part 2

National Harbor 4

Moderator: Tom Shuput, Vice President of Business Development, SCS Engineers

Lanchester Landfill Area D Expansion: Maximizing Landfill Capacity with Minimal Impact to the Site Footprint

Daniel Fellon, Project Engineer, ARM Group, Inc.

Slope Stability Evaluation of a Wet MSW Landfill Utilizing Cone Penetrometer Testing

Roger Failmezger, President, In-Situ Soil Testing, L.C.

Permanent Seismic Displacement Evaluation and Comparison of Methodologies

H. James Law, S.C., Project Director, SCS Engineers

Thursday, August 16, 2012—12:00pm-1:30pm

Landfill Case Studies

National Harbor 4

Moderator: Mike Murphy, Project Manager, SCS Field Services

Project Case Study: Madison County Landfill Solar Cap

Sean Sweeney, S.C., Senior Project Engineer, Barton & Loguidice, P.C.

Cherry Island Landfill Expansion: ASCE Outstanding Civil Engineering Achievement Finalist

Thomas Ramsey, Associate, Geosyntec Consultants

Trending Designs in Landfill Closure: Case Studies and Data on Exposed, Trenchless Covers

Chris Eichelberger, Director of Business Development, American Environmental Group, Ltd.

Thursday, August 16, 2012—2:00pm-3:00pm

Leachate Management

National Harbor 4

Moderator: Art Mercer, Supervisor of Waste Processing & Environmental Compliance, Region of Halton, ON

Operational Experience Treating Landfill Leachate Using a Man-Made Wetlands Treatment System

Michael Lenkiewicz, S.C., Facility Engineer, Delaware Solid Waste Authority

A Statistical Approach to Minimizing Landfill Leakage

Abigail Beck, Project Engineer, GeoLogic Associates

Biogeochemical Clogging of Landfill Leachate Collection Systems: Why Is It Occurring, How Can It Be Cleaned, and What Can Be Done to Prevent It?

Nathan Mayer, Project Manager, CDM Smith

Planning & Management

Tuesday, August 14, 2012—2:00pm-3:30pm

Planning for a Sustainable Future

National Harbor 5

Moderator: Scott Messier, S.C., Project Manager, SCS Field Services

Funding, Franchise Agreements, Facilities: A Perfect Storm

William Merry, S.C., General Manager, Monterey Regional Waste Management District, CA

Solid Waste Management after 2018: Future Options for the South Hampton Roads Region of Virginia

Robert Gardner, Senior Vice President, SCS Engineers

Tuesday, August 14, 2012—4:00pm-5:00pm

Engaging the Public

National Harbor 5

Moderator: Pete Carrico, Vice President, SCS Engineers

Engaging the Public through the Lens of the Advocacy Pyramid

Jay Vincent, Senior Vice President, Saint Consulting

Tuesday, August 14, 2012—4:00pm-5:30pm

Managing Communications within Your Communities

National Harbor 11

Moderator: Jeffrey Murray, S.C., Project Manager, CMA Engineers, Inc.

Is Community Support a Renewable and Sustainable Resource?

Frank Rizzo, Founding Partner, Five Corners Strategies

When You Need Community Support: Making Informed Decisions Using Low-Cost Research

Mary-Jane Atwater, Gershman, Brickner & Bratton, Inc.,

Implementing WTE to Green Your System

National Harbor 12

Moderator: Aaron Gilman, Senior Project Development, SCS Field Services

Is Mechanical Biological Treatment the Solution to Residual Waste Treatment and Disposal?

Adam Read, Global Practice Director, AEA

Waste-to-Energy is a Healthy Part of a Solid Waste Management Plan

Sarah Garvan, Staff Assistant, Solid Waste, Westchester County Dept. of Environmental Facilities, NY

Lesson Learned: Winning Approval for the Toughest Projects

John Foden, Executive Director, Canadian Energy-from-Waste Coalition

Wednesday, August 15, 2012—1:00pm-2:00pm

Exhibit Hall Technical Session

Blue Meeting Room

Moderator: Bob Watts, S.C., Executive Director, Chester County Solid Waste Authority, PA

Update on Flow Control Litigation

Barry Shanoff, General Counsel, SWANA and Attorney, Knopf & Brown
Mike Cahill, Partner, Germano & Cahill, PC

Wednesday, August 15, 2012—3:00pm-4:00pm

Exhibit Hall Session

Blue Meeting Room

Moderator: Olivia Williams, Waste Resources Engineer, HDR Engineering

Waste Infrastructure Community Engagement Toolkit

Adam Read, Global Practice Director, AEA

Thursday, August 16, 2012—12:00pm-1:30pm

Contracting for Sustainability

National Harbor 5

Moderator: Elizabeth Rice, Consultant, Gershman, Brickner, & Bratton, Inc.

Share the Love: Public-Private Partnerships that Work

Mitch Kessler, S.C., President, Kessler Consulting, Inc.

Flow Control vs. Contracts for Waste Assurance: A Case Study in PA

Terry Keene, Senior Managing Engineer, Barton & Loguidice Engineers

Thursday, August 16, 2012—2:00pm-3:00pm

Understanding Your Waste to Maximize its Value

National Harbor 5

Moderator: Ruth Abbe, Vice President, HDR Engineering

Utilizing Statewide Municipal Solid Waste Composition Data to Evaluate Effectiveness of Waste Ban Regulation

Alan Kirschner, Vice President, Brown and Caldwell

What's in Your Trash: Implementing a Curbside Audit Program to Help in Future Decision Making

Erik Grabowsky, Bureau Chief with Solid Waste, Arlington County, VA

Recycling & Special Waste

Tuesday, August 14, 2012—2:00pm-3:30pm

Turning Leftovers into Resources

National Harbor 10

Moderator: Brandy Johnson, Senior Applications Engineer, John Zink Company

Food Scrap Composting: The Good, the Bad and the Yucky

Timothy Flanagan, S.C., Assistant General Manager, Monterey Regional Waste Management District, CA

Large Institution Food Waste Recycling

Kevin Barnes, Solid Waste Director, City of Bakersfield Solid Waste Division, CA

Organic Waste Diversion Schemes: Optimizing Collection through Tools and Planning

Rhodes Yepsen, Consultant, Novamont North America

Tuesday, August 14, 2012—4:00pm-5:30pm

Handling Special Waste

National Harbor 10

Moderator: *Shane Womack, Business Group Leader, Associate, HDR Engineering*

Increasing Diversion of Universal Waste through a Mandatory Retail Take-Back Program: The Case of San Luis Obispo County, California

Travis P. Wagner, Associate Professor, University of Southern Maine

Innovative Direct Outreach Program to Universal Waste CESQGs

Deborah Spiliotopoulos, Senior Environmental Planner, Northern Virginia Regional Commission

Pharmaceutical Collection: From One-Day Events to Permanent Solutions

Victoria Hodge, HHW Supervisor, City of Denton, TX

Thursday, August 16, 2012—12:00pm-1:30pm

Organics Resource Management

National Harbor 10

Moderator: *Jim Lapp, S.C., Supervisor, Compost Operations, Edmonton Waste Management Centre*

Columbia Biogas: Renewable Energy Production through Anaerobic Digestion of Commercial Food Wastes

Robert Craggs, Vice President and National Director, SAIC Energy, Environmental & Infrastructure, LLC

Anaerobic Digestion of Food Waste and Manure into Renewable Energy for the University of California, Davis

Timothy Raibley, Vice President, HDR

Evaluation and Implementation of a Regional Source-Separated Organic Waste Digestion Facility at the Lexington, Massachusetts, Landfill

Bruce Haskell, Vice President, CDM Smith

An Introduction to Aerated and Static Compost Systems: How to Choose Appropriate Options and Cost Considerations

Steve Diddy, Business Development Director, Engineered Compost Systems

Thursday, August 16, 2012—2:00pm-3:00pm

Taking Recycling to the Next Level

National Harbor 10

Moderator: *Michelle Leonard, S.C., Vice President, HDR Engineering*

Maximum Recovery of Recyclables from MSW Using State-of-the-Art Processing and Sorting Technologies

Felix Hottenstein, CP Group Sales, CP Manufacturing

Exploring Mixed Waste Processing Opportunities in Boulder Colorado: Evaluating the Business Case for a Dirty MRF

Karl Hufnagel, S.C., Senior Project Engineer, SAIC Energy, Environmental & Infrastructure, LLC

Making the Connection: Water, Energy, Climate, Food, Soil, and MSW Composting

Noel Lyons, Business Development Director, McGill Environmental Systems

Waste-to-Energy

Tuesday, August 14, 2012—4:00pm-5:30pm

Implementing WTE to Green Your System

National Harbor 12

Moderator: *Aaron Gilman, Senior Project Development, SCS Field Services*

Is Mechanical Biological Treatment the Solution to Residual Waste Treatment and Disposal?

Adam Read, Global Practice Director, AEA

Waste-to-Energy is a Healthy Part of a Solid Waste Management Plan

Sarah Garvan, Staff Assistant, Solid Waste, Westchester County Dept. of Environmental Facilities, NY

Lesson Learned: Winning Approval for the Toughest Projects

John Foden, Executive Director, Canadian Energy-From Waste Coalition

Tuesday, August 14, 2012—4:00pm-5:30pm

WCT Technical Session: The Developer's Perspectives Part 2

Maryland A

Moderator: *Brent Dieleman, S.C., Project Professional, SCS Engineers*

Integrated Conversion and Refining System: A Presentation of Environmental and Performance Data

Alisdair McLean, Senior Vice President, Business Development, Plasco Energy Group

Sustainability in an Urban Environment through Anaerobic Digestion

Thomas Gratz, Regional Sales Manager, EISENMANN Corporation

Executive Anaerobic Digestion: Project Approaches and Examples

Eric Herbert, CEO, Waste Energy, LLC

Thursday, August 16, 2012—12:00pm-1:30pm

Looking (Again) at Enhancing the Reuse of Waste-to-Energy Ash

Chesapeake G

Moderator: *Ted Michaels, President, Energy Recovery Council*

MSW Combustor Ash: Opportunities and Limitations

Frank Roethel, Chemical Oceanographer, Marine Sciences Research Center, Stony Brook University

Taking Ash Recycling to the Next Level

John Joyner, President, Inashco North America, Inc.

Special Sessions

Tuesday, August 14, 2012—1:00pm-2:00pm

Exhibit Hall Session

Blue Meeting Room

The History of SWANA

H. Lanier "Lanny" Hickman, S.C., Hickman Associates

Kathy Callaghan, Associate Director, SWANA

Tuesday, August 14, 2012—2:00pm-5:00pm

Health and Safety Series

National Harbor 13

Moderator: *Tom Parker, Associate, CDM Smith*

Injuries, Illnesses and Fatality Statistics

David Utterback, Services Sector Coordinator, National Institute for Occupational Safety and Health

OSHA Accident Investigation Case Studies

John McFee, Safety Specialist, OSHA

SWANA's Texas "Lonestar" Chapter's SMART Program

David Vartian, Chair, TXSWANA SMART Program and Interim Manager of Landfill Operations, McCommas Bluff Landfill, City of Dallas Sanitation Services Department, TX

LFG and Confined Space

Chris Marlowe, Safety and Health Manager, CDM Smith

Keeping Your Workforce Healthy: Injury Prevention, Ergonomics, Manual Material Handling

Dr. Tom Renner, Founder/Co-Owner, Corporate Injury Management Associates

Wednesday, August 15, 2012—2:15pm-2:45pm

Exhibit Hall Session

Blue Meeting Room

Moderator: *Joe Murdoch, Senior Vice President, HDR*

Hickman Scholarship Report: Uses for Waste Virgin Gypsum Drywall

Fabien Besnard, Graduate Student/Ph.D. Candidate, University of North Carolina Charlotte

THANK YOU VOLUNTEERS

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WASTECON Equipment Show Floor Manager: *Charlie Wade, Hallco Industries, Inc.*
WASTECON National Sales Manager: *Tim Hasslan, EPG Companies, Inc.*
Technical Divisions Executive Committee Representative: *Michelle P. Leonard, S.C., HDR*
SWANA Executive Director/CEO: *John H. Skinner, Ph.D.*

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Dana Murray, SCS Engineers
Steve Lippy, S.C., Baltimore County (retired)

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Pete Carrico, SCS Engineers
Robin Roddy, Delaware Solid Waste Authority
Anne Germain, Delaware Solid Waste Authority
Jeff Smithberger, Retired
Amarjit Riat, Retired
Carl Newby, S.C., Arlington County, VA
Hallie Clemm, D.C. Public Works
Carrie Pendleton, Geosyntec
Fouad Arbid, Solid Waste Services
Kate Vasquez, S.C., Fairfax County, VA
Steve Geissler, VPPSA
Don Birnesser, S.C., KCI Technologies
Mark Gutberlet, EA Engineering, Science and Technology

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Dan Costello, HDR
Allison Trulock, HDR

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Frank Rizzo, Five Corners Strategies
Robin Davidov, Retired
Tom Hilton, Harford County, MD
Charlie Reighart, S.C., Baltimore County, MD

Landfill Management

Dave Hansen, LSC Environmental Products, LLC
Aamode Sonawane, CDM Smith

Kevin Yard, SCS Engineers
Ray Dever, S.C., SCS Engineers
Gary Scherbert, SCS Engineers
Bob Schoenberger, Chester County Solid Waste Authority, PA.
Jan Mazgaj, HDR
Ray Vaidya, CDM Smith
Billy Malone, S.C., DeKalb County, GA

Landfill Gas Management

Tom Shuput, SCS Engineers
Amy Banister, Waste Management, Inc.
Steve Hamilton, SCS Energy
Brent Dieleman, S.C., SCS Engineers
Tom Bilgri, Cornerstone Environmental Group, LLC
Jeff Crate, Draper Aden Associates
Nicole Gallagher Burkhardt, Delaware Solid Waste Authority

Planning & Management

Chace Anderson, Gershman, Brickner & Bratton, Inc.
Robin Davidov, Retired
Jeffrey Steers, Virginia DEQ
Tom Hilton, Harford County, MD

Recycling & Special Waste

Josephine Valencia, S.C., City of San Antonio, TX
Tim Flanagan, S.C., Monterey Regional Waste Management District, CA
Charlie Reighart, S.C., Baltimore County, MD
Robert Beaudoin, S.C., Town of Lexington, MA
Michelle Minstrell, S.C., National Recycling Coalition
Tom Hilton, Harford County, MD

Waste-to-Energy

Joe Murdoch, HDR
Chantal Babensee, Metro Vancouver, BC
Robin Davidov, Retired
Andrew Kays, S.C., Northeast Maryland Waste Disposal Authority
Brent Ross, Atkins
Jonathan Meyers, S.C., ARM Group Inc.
Tom Hilton, Harford County, MD

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SWANA Faculty Members are recognized as solid waste leaders. They volunteer their time to help improve the knowledge of new solid waste professionals throughout the US, Canada and beyond.

Send your resume highlighting your area of expertise, solid waste background and experience, SWANA certification(s) and public speaking experience to training@swana.org.

Manager of Bioreactor & Leachate Recirculation Landfills

Jeremy O'Brien, S.C., SWANA
Gene Kramer, S.C., Retired
George Reinhart, S.C., Jones Edmunds Associates, Inc.

Debris Management

Robert Swan, Dewberry
JW Spear, Sr., P.E., S.C., Institute for Certification of Sustainable Recycling

Landfill Gas Basics

Kenneth Brynda, S.C., SCS Engineers
Peter Carrico, SCS Field Services
David Fisher, SCS Engineers
Timothy Foley, S.C., City of Mountain View, CA.
Steven Hamilton, SCS Energy
Tim Locke, John Zink Company
Scott Hill, Montauk Energy Capital
Farideh Kia, GC Environmental, Inc.
Michael Michels, Cornerstone Environmental Group, LLC
David Penoyer, Republic Services
William Perez, LANDTEC
Richard Prosser, GC Environmental Inc.
Daniel Waideo, GC Environmental Inc.
Ron Wilks, SCS Engineers

Landfill Gas Operations and Maintenance

Peter Carrico, SCS Field Services
Jim Chabot, American Environmental Group, Ltd.
Timothy Foley, S.C., City of Mountain View, CA.
Steven Hamilton, SCS Energy
Scott Messier, S.C., SCS Energy
William Perez, LANDTEC
Richard Prosser, GC Environmental Inc.

Landfill Operational Issues

Neal Bolton, S.C., Blue Ridge Services, Inc.
Jerry Ross, S.C., Waste Management, Inc
Karla Welding, S.C., City of Lincoln, NE.

Managing Composting Programs

Steven Christman, S.C., Northeast Indiana Solid Waste Mgmt.

Matthew Cotton, S.C., Integrated Waste Management Consulting
David Hill, S.C., Cyclelogic
Mitch Kessler, S.C., Kessler Consulting Inc.
Jim Lapp, S.C., City of Edmonton, AL.
Risa Weinberger, S.C., Risa Weinberger & Associates
Miriam Zimms, S.C., Kessler Consulting

Household Hazardous Waste & CESQG Collection Operations

Frank Bonillas, S.C., Pima County, AZ.
David Nightingale, S.C., Special Waste Associates
Robert Fletcher, S.C., Stell Environmental Enterprises
Ionie Wallace, S.C., San Bernardino County, CA.

Manager of Landfill Operations

Deborah Barton, S.C., Montezuma County, CO.
David Bost, S.C., Onslow County, NC.
Christopher Campman, S.C., Rusmar
Jason Chan, S.C., Waste Management, Inc.
Steve Christman, S.C., Northeast Indiana SW Management District, IN.
Christine Collier Richter, S.C., Barker Lemar Engineering Consultants
Henry Friedman, S.C., Seattle Public Utilities, WA.
Robert Hasemeier, S.C., Barton & Loguidice
Gene Kramer, S.C., Foth Infrastructure & Environment, LLC
James Lapp, S.C., City of Edmonton, AL.
Curtis Larkin, S.C., Fresno County, CA.
William Merry, S.C., Monterey Regional Waste Management District, CA.
Jeff Phillips, S.C., Barker Lemar Engineering Consultants
Douglas Robinson, S.C., Robinson Environment Services
Jerry Ross, S.C., Waste Management, Inc
Roland Rusnell, S.C., City of Saskatoon, SK.
Jimmy Sloan, S.C., Golden Triangle Regional Solid Waste Management Authority
Jo-Walter Spear Jr, S.C., JSA Civil Environmental Engineers
JW Spear, Sr., P.E., S.C., Institute for Certification of Sustainable Recycling
Tony Sperling, S.C., Sperling Hansen Associates, Inc.
Michael Stepic, S.C., URS Corporation
Brian Tippetts, S.C., Applied Ecological Services
Jason Turville, S.C., Trans-Jordan Cities
Robert Watts, S.C., Chester County Solid Waste Authority
Karla Welding, S.C., City of Lincoln, NE.
Colin Wong, S.C., Golder Associates, Ltd
Dwayne Woolley S.C., Trans-Jordan Cities

Managing Collection Systems

Frank Bernhiesel, S.C., Gershman, Brickner & Bratton, Inc.
William Black, S.C., City of Mesa, AZ.
Rebecca Caldwell, S.C., City of Franklin, TN.
Robin Ennis, S.C., Montgomery County, MD.

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Mohammad Khan, S.C., Licking County Health Department, OH.
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810	Tom's Truck Sales LLC
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1201	Waste Management, Inc.
718	WasteBagger Pro
1401	Wastequip/Toter
1610	WasteRunner
1210	Wasteworks/Carolina Software
1110	WasteZero



Communication, Education & Marketing

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1249	BioCycle Magazine
849	Biomass Magazine
1701	CapturIT
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829	DesertMicro
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907	Radio Satellite Integrators, Inc.
723	Recycling Today Media Group
1243	Robotronics
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1729	TFC Recycling/Recycling Perks
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1406	SAIC
1101	SCS Engineers
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1339	Tetra Tech
904	Trimble Navigation
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1340	Waste Advantage Magazine
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Landfill Management

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1347	Marcel Equipment Limited
1250	Maryland Environmental Service
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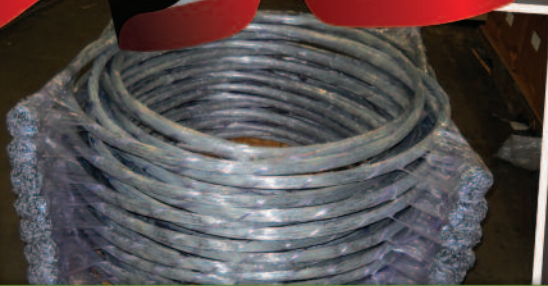
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