



# Mid-Atlantic Chapter Solid Waste Association of North America

## SOLID WASTE NEWS for Waste Professionals

August 7, 2014

### 2014 SWANA Mid-Atlantic Regional Truck and Landfill Road-E-O

**By:** *Stephen G. Lippy, P.E., BCEE, S.C., Baltimore County, MD, Retired*  
*Tim Ford, Maryland Environmental Service*

At the 2012 Road-E-O, some people may have grouched about the weather being too hot and sunny. In 2013, most people (if not all) complained about the conditions being too wet and muddy. HOWEVER, on June 6, 2014, there should have been unanimity in that we had gorgeous weather to have a Road-E-O at the MES Midshore II Solid Waste Disposal Facility in Ridgely, MD.

There were 33 individuals (operators) who participated in a total of 48 equipment contests, broken down in the following six events:

- Dozer - 10
- Landfill Compactor - 8
- Wheeled Loader - 12
- Articulated Dump Truck - 5
- Roll-off Truck - 10
- Rear-end Packer Truck - 3

Contestants hailed from the New Jersey Chapter (Atlantic County, NJ Utilities Authority), Pennsylvania Chapter [Chester County Solid Waste Authority, Clinton County Solid Waste Authority, Conestoga

Landfill, Northern Tier Solid Waste Authority, Republic Services (Leesport and West Grove locations), and Southeastern Chester County Refuse Authority (SECCRA)], and Mid-Atlantic Chapter [Baltimore City DPW, Delaware Solid Waste Authority (DSWA), Maryland Environmental Service (MES), and Republic Services (Farmington and Felton, DE)].

### Save the Date!

#### Mid-Atlantic Chapter

#### Annual Meeting & Crab Feast

#### September 25, 2014

*location to be determined*

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#### SWANA Mission Statement:

***“Advancing the practice of environmentally and economically sound management of municipal solid waste in North America.”***

The top three winners in each category are as follows:

#### Dozer

1. Keith Lamotte (Southeastern Chester Co. Refuse Auth.)
2. Lenny Simcox (Chester County Solid Waste Authority)
3. **David Swift (Republic Services - Farmington, DE)**

#### Landfill Compactor

1. **James Downes (Delaware Solid Waste Authority)**
2. Matt Yeagle (Clinton County Solid Waste Authority)
3. Keith Lamotte (Southeastern Chester Co. Refuse Auth.)

#### Wheeled Loader

1. **Thomas Taylor (Maryland Environmental Service)**
2. Westley Flahert (Republic Services- Modern Landfill)
3. **Mark Wheeler (Maryland Environmental Service)**

#### Articulated Dump Truck

1. **James Downes (Delaware Solid Waste Authority)**
2. **Cordae Showell (Delaware Solid Waste Authority)**
3. Floyd Gerow (Northern Tier Solid Waste Authority)

#### Roll-Off Truck

1. Floyd Gerow (Northern Tier Solid Waste Authority)
2. John Zell (Republic Services - West Grove)
3. **Russell Vadakin (Republic Services - Felton, DE)**

#### Rear-end Packer Truck

1. Doug Weibrecht (Atlantic County Utilities Authority)
2. Eduardo Hernandez Borrero (Atlantic Co. Util. Auth.)
3. Mark Kearney (Republic Services - Leesport)

\*And, the overall winner, with the highest point score in all the categories, was James Downes!

Congratulations to all who persevered and completed the course, especially to the above winners; the first and second place winners are eligible to go to the International SWANA Road-E-O on September 20, 2014 at the Denver International Airport CDL/CSA Training and Testing Facility ([www.coloradoswana.org](http://www.coloradoswana.org)) to compete against all of the other first and second place winners from the other regional SWANA Road-E-O's.

It was a successful event due to the hard work of the Road-E-O chair and Mid-Atlantic Chapter Director Tim Ford and the entire Maryland Environmental Service organization for hosting it again, on behalf of the Chapter, for the third consecutive year at its Midshore II Regional Solid Waste Disposal Facility. In addition, there were contributions and sponsorships by many; the Mid-Atlantic Chapter thanks all of the following:

#### **Loaner Equipment from:**

- Alban CAT (D6 dozer) [www.albanecat.com](http://www.albanecat.com)
- JESCO (wheeled loader and articulated dump truck) [www.jesco.us](http://www.jesco.us)
- Maryland Environmental Service (landfill compactor and roll-off truck) [www.menv.com](http://www.menv.com)
- Mid-Atlantic Waste Systems (rear-end packer) [www.mawaste.com](http://www.mawaste.com)

#### **Gold Sponsorship:**

- Paradigm Software , LLC (weighing and routing software) [www.paradigmsoftware.com](http://www.paradigmsoftware.com)

#### **Bronze Sponsorships:**

- BAI Group (formerly, Blazosky Associates, Inc.) (solid waste management engineering) [www.baigroupinc.net](http://www.baigroupinc.net)
- Barton & Loguidice, D.P.C. (solid waste management engineering) [www.bartonandloguidice.com](http://www.bartonandloguidice.com)

**2014 Road-E-O continues on page 3**

## Door prizes, tote bags, and tote bag items for the contestants:

- Chester County Solid Waste Authority
- Delaware Solid Waste Authority
- EA Engineering
- Geosyntec Consultants and Carrie Pendleton
- Maryland Environmental Service
- Northeast Maryland Waste Disposal Authority
- Paradigm Software, LLC
- Republic Services
- SCS Engineers
- Solid Waste Association of North America

There were also a lot of individuals who assisted with the planning, management, course set-up, and on-site judging from the Mid-Atlantic Chapter, as well as some from Pennsylvania and New Jersey. There were a slew of MES personnel without whom, the Road-E-O would not have occurred; special thanks to the MES staff.

The event actually started Thursday evening at the Caroline Country Club where there was a dinner and door prizes for the contestants, ranging from travel mugs to golf balls to aquarium tickets to pre-season Redskins football tickets to SWANA memberships and webinars to a 32" TV. Each contestant also received a tote bag, in which there were a water bottle, bandana, sunglasses, pen, chap stick, computer screen cleaner, stadium cushion, etc.

Friday morning started with donuts and coffee, followed by an operators' meeting and safety check of equipment, a walk-through of each course preceding each category, followed by the skills test. The dozer and landfill compactor used one course, whereas the loader and articulated dump truck used an adjacent course. The roll-off truck and rear-end packer had a separate and different course. Lunch was stationed in the site's maintenance building bays; once again, the delicious lunch was catered by Old Salty's Restaurant from Fishing Creek (over 40 miles away). After lunch, the course winners were then recognized one at a time and given a plaque to get his/her picture taken, only to have the plaques taken back (if they so desired) in order to get them engraved with their names.



To view the 2014 Road-E-O Program, click on link below, or copy and paste it into your browser:

<http://www.swana-midatl.org/rodeo.htm>

To view photographs from the 2014 Road-E-O, click on link below, or copy and paste it into your browser:

<https://www.flickr.com/photos/meswave/sets/72157644810207210/>



# 2014 Joint SWANA/MRN Conference Recap

By: *Thomas C. Hilton, P.E.*  
*Harford County, MD*

In case you were not able to attend this year's joint conference with folks from the Maryland Recycling Network, you missed another well-received and engaging event. This year, the conference focused on "The Road to Zero Waste." Numerous presenters shared their ideas and visions for the future of recycling and solid waste management. This educational program covered the hottest topics in the industry including changing waste management and recycling models, policy & regulation, commodities markets, new technologies and more.

Over 160 recycling and solid waste management professionals registered for this year's event and 19 exhibitors displayed new products and services. As usual, attendees enjoyed a wonderful smorgasbord of food and networking opportunities with their peers and service providers. Additionally, this year's Mid-Atlantic SWANA Chapter scholarship was awarded to **Benjamin Ramsey** in the amount of \$2,000.

A copy of the presentations can be found at the following link:  
<http://www.marylandrecyclingnetwork.org/2014ConferenceProgramReCap>

If you have any topics you would like presented in the future, please email me or anyone of the SWANA Officers or Directors listed on the front of the newsletter. We hope to see you next year!



# The Story of My Third Love - Solid Waste

Stephen G. Lippy, P.E., BCEE, S.C., Director

How did I wind up in solid waste management - and not baking chocolate chip cookies for a living (my second love). Not due to courses at Virginia Polytechnic Institute and University (a.k.a., Virginia Tech), not due to the advice of a mentor, not due to family prodding—but due to serendipity, and luck, with possibly some genetic markers.

The year 1972 was not a good year for graduating engineers. By May, the consulting firm with which I was a co-op student reluctantly extended me an offer (not impressive) and someone with Baltimore City whom I met while doing an independent study for my final seven credits to graduate offered me a job mapping the City's water distribution system (boring!).

Since I was home from college, my girlfriend (who later became my wife) and I visited a Baltimore County fair, where I saw a display with a landfill model, presented by the County Bureau of Sanitation. I still remember trying to decide whether I should be brazen enough to ask the person at the booth whether the County had any job openings; as a matter of fact, they did! I was told to stop by Monday morning. I met the Bureau chief, who for some reason liked me; he then took me to the DPW Deputy Director, who also liked me. I filled out forms and started working June 6, with better pay and benefits than the other two offers. (That is fast for getting into the County!)

Consequently, I became the first graduate engineer in the bureau (and four years later, the first registered engineer). The Bureau chief was



more like a father figure to me than a boss. I liked what I did.

As a civil engineer, who really could not decide what specialty I preferred, landfills filled that bill, as there was construction and grading, surveying, roads, buildings, water, wastewater (a.k.a, leachate), sediment control, stormwater, etc., albeit no airports (except later for Subtitle D purposes), and field trips whenever I wanted to the landfill sites.

Since I liked the varied experience (including collection, recycling and solid waste plans) and responsibility, I decided to stay...for 40 years before retiring in 2012. It had become a career and a profession.

Even though landfills were my principal responsibility, I had no problems with accepting waste prevention and recycling, unlike some other landfill engineers back in those days. I even was designated as the County's first Recycling Coordinator for a short period.

Some of my affinity for recycling was probably genetic: my mother's father was an old time junk dealer. I always thought it was great visiting his dirty run-down operation; those junkyards

were really some of the first MRFs. In addition, my father never met something which he would not try to fix up and reuse. Fortunately, we were in a 14' wide rowhouse, so he could not store too much.

Some of my first “dates” with my wife-to-be in the early 1970s were to the City's recycling drop-off center delivering recyclables from our houses. The independent study paper, which she typed on a manual typewriter was called “An Inquiry into the Solid Waste Problem of Abandoned Automobiles.”

While with the County, I stretched beyond my comfort zone and agreed to chair the provisional Mid-Atlantic Chapter of GRCA (now SWANA) in 1983 (and have stayed on the Chapter's Board continuously since), including serving on the SWANA International Board for 11 years, co-chairing four international conferences, attending all but one WASTECON (and its predecessor conference) since 1984, becoming certified in solid waste management with the American Academy of Environmental Engineers and later representing SWANA on the Academy's Board of Trustees.

If I had not become actively involved with these professional groups, being with one employer for so long, in basically the same position, may have become too mundane. However, interaction with others has been very rewarding and has broadened my horizons.

If I had not attended that county fair and had not asked at the display about job openings, what would I have become?

# Legislative Update

By: *Jonathan Meyers, P.E., BCEE*  
*ARM Group, Inc.*

## **FEDERAL - Two new proposed Rules, issued June 30, 2014:**

1. New Standards of Performance for Municipal Solid Waste (MSW) Landfills
  - Lowers NMOC threshold to 40 Mg/year, for design capacity > 2.5c Mg or  $2.5 \times 10^6 \text{ m}^3$ ; exceeding the threshold requires active gas collection system within 30 months.
  - Clarification of acceptable uses for landfill gas; provides specific numerical values for dewatering and filtering; monitoring and recordkeeping clarifications.
  - The standards apply at all times, even during startup and shutdown.
  - Additional clarifications.
  - Final Rule March 10, 2015
2. Emission Guidelines and Compliance Times for Municipal Solid Waste (MSW) Landfills (Advanced Notice of Proposed Rulemaking)
  - EPA requests comments
  - Comments no later than August 30, 2014

## **STATE - MARYLAND**

1. SB0781 - Recycling at Special Events (Signed)
  - Requiring each county to collect recyclables from special events, and to revise the solid waste plan to include the provisions.

## **STATE - DELAWARE**

1. HB 198 - Amend Title 7 of the Delaware Code Relating to Recycling and Waste Reduction (Passed 6/26/14)
  - Prior to the amendment, stores could not be mandated to collect or recycle plastic carry out bags. The amendment removes the existing restrictions, and opens the door to legislative resolutions.
2. SR 10 - Resolution to Convene the Zero Waste Working Group - Electronics Recycling (Passed 6/27/14)
  - Convenes the Zero Waste Working Group to determine strategies to improve electronic waste recovery and recycling, including increased producer responsibility, and report their findings, with suggested legislation to the Senate by January 31, 2014.

# Reminders / Wanted

- ◆ **"Reporters"/writers for our Chapter newsletter.**
- ◆ **Important Websites to Remember:** [www.swana.org](http://www.swana.org), [www.swana-midatl.org](http://www.swana-midatl.org) and [www.mdrecycles.org](http://www.mdrecycles.org).
- ◆ **Training the Trainers:** Contact a Board member if interested in being trained to be a trainer for a SWANA course.
- ◆ **SWANA Web Sessions:** If your organization presents e-Sessions, make them a Chapter event so that all attendees can get CEU's. Contact Steve Lippy, Dana Murray or Shirl Wright.
- ◆ **Job Vacancies in your Organization:** Contact [swright@nmwda.org](mailto:swright@nmwda.org) for inclusion in our Chapter newsletter and website.
- ◆ **Articles, information, recent/on-going projects of interest, active purchase orders, etc.:** Contact [swright@nmwda.org](mailto:swright@nmwda.org) to be placed in our Chapter newsletter.
- ◆ **Scholarship Sponsors:** Contact Steve Lippy, Mehal Trivedi or Hallie Clemm.
- ◆ **Name(s) of Prospective SWANA Members:** Contact either our Chapter Membership Chair, Tim Ford [tford@menv.com](mailto:tford@menv.com) or direct the prospective member to our Chapter website [www.swana-midatl.org](http://www.swana-midatl.org) or SWANA's website [www.swana.org](http://www.swana.org).
- ◆ **Newsletter Ads:** These are business card size ads only (2" x 3.5"); \$100 for 4 issues. Send your ad in a JPG or PDF file to [swright@nmwda.org](mailto:swright@nmwda.org). Please make check payable to: Mid-Atlantic Chapter of SWANA and mail to the attention of Shirl Wright at NMWDA, 100 S. Charles Street, Tower II - Suite 402, Baltimore, MD 21201-2705.
- ◆ **American Academy of Environmental Engineers and Scientists:** If you are an environmental engineer or environmental scientist, you are eligible to become a member or to be certified in solid waste management by the American Academy of Environmental Engineers and Scientists. See [www.swana-midatl.org](http://www.swana-midatl.org) or [www.aees.org](http://www.aees.org).

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We're on the Web!  
[www.swana-midatl.org](http://www.swana-midatl.org)

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## ***SWANA Guiding Principle:***

***"Local government is responsible for municipal solid waste management, but not necessarily the ownership and/or operation of municipal solid waste management systems."***