

SOLID WASTE NEWS for Waste Professionals

April 19, 2022

SWANA Mid-Atlantic Regional Road-E-O Cecil County Central Landfill May 12-13, 2022

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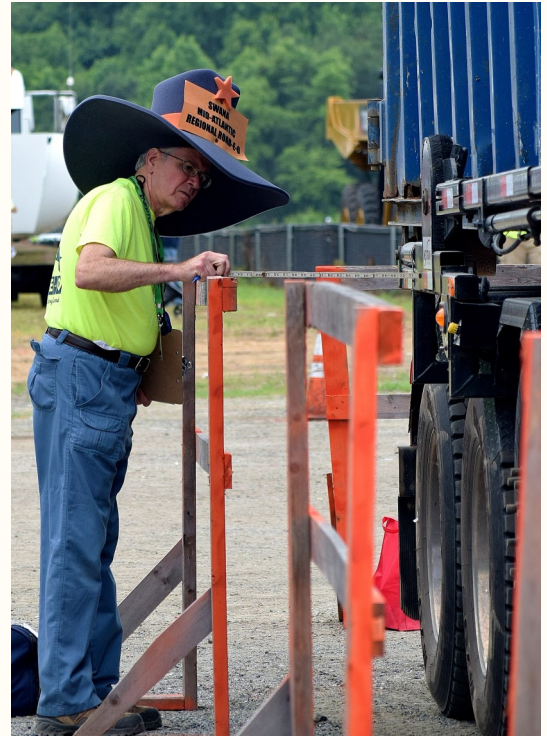
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Most likely, when you read this, it will only be several weeks before the Regional Road-E-O for the three SWANA Chapters: Mid-Atlantic, Pennsylvania (a.k.a., Keystone), and New Jersey. The event is being hosted by Cecil County of the Mid-Atlantic Chapter at its Central Landfill in Elkton. On Thursday night May 12 is the welcoming dinner for the contestants, as well as any guests or volunteers. The actual course events will be held on Friday May 13; all activities are at the Central Landfill. The Cecil County Government, especially the Department of Public Works Solid Waste Management and its Bureau Chief (and Chapter Road-E-O Committee co-chair, David Horne), has been actively planning and preparing their site since last summer, and is counting down the days to welcome contestants, guests, and volunteers to their site. The Mid-Atlantic Chapter, as well as the other two chapters, are appreciative of their willingness and effort to host their first ever Road-E-O.

Regional Road-E-O continues on page 2



Steve Lippy takes a Parallel Parking Measurement on a Roll-off at a past Road-E-O

SWANA Mission Statement:

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

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Some of the initial preferred deadlines for contestants, et al., have already expired, though it is still possible that with a quick turn-around, you and/or your staff may still be able to participate. Late registrants may not be able to get a Road-E-O tee shirt; also, if registrations and payments are not received by May 1, then, unfortunately, participants may not be able to attend the Thursday dinner, Friday breakfast, or Friday lunch. The late fees initially denoted after April 1 for the primary and second events have been eliminated.

In addition, for contestants, their primary choice for a course may not be available if they wait too long, as those events without sufficient interest will not be offered.

See the registration information, which is on the website of the Keystone Chapter for more info:

<https://www.keystoneswana.org/2022-Mid-Atlantic-Regional-Road-E-O>

The December 2021 Chapter newsletter also has additional information on what a Road-E-O is:

<https://swana-midatl.org/wp-content/uploads/2021/12/SWANA-Newsletter-12-21-21.pdf>

If you cannot meet the deadlines for final registration and payment as shown on the website, whether your registration is in the process or you have not begun yet and are interested in participating (either as a contestant or volunteer/judge), it would be best to contact David Horne (dhorne@ccgov.org), e.g., to let him know what the status of your registration is, ask whether there is still time to register, etc. If interested in being a volunteer, as many are needed for the courses to run efficiently, you can check to see if there is still a need. Sponsorships are still welcomed, albeit there are deadlines to get in your ads for the programs. Likewise, it would be best to check with David Horne (dhorne@ccgov.org) to see if your sponsorship can still be accepted.



Articulated Dump Backing through Barrels



Roll-off Maneuvering the Tennis Ball Course



Wheel Loader Pushing Barrell through Cones

SWAG giveaways (e.g., cloth bags, knives, caps, tee shirts, small tool kits, thumb drives, flashlights, etc.) for the contestants are needed, as well as larger single items suitable for a raffle drawing (e.g., TV, sports tickets, gift cards) at the Thursday dinner. Let David Horne dhorne@ccgov.org know if you can donate anything.

LET'S SUPPORT CECIL COUNTY IN ORDER TO HAVE ANOTHER GREAT ROAD-E-O EXPERIENCE HOSTED BY A MID-ATLANTIC CHAPTER AGENCY!

- ✓ Allow and support contestants to attend
- ✓ Volunteer to help or judge on May 13
- ✓ Sponsor financially the event
- ✓ Donate SWAG or raffle items
- ✓ Attend and watch as a spectator (there will be bleacher seating this year)

2022 Mid-Atlantic Chapter Scholarships

By: Mehal Trivedi
Frederick County, MD

A reminder to members about the availability of the Mid Atlantic Chapter Scholarships. This year the SWANA Mid-Atlantic Chapter is proud to offer four (plus two additional for part-time education) scholarship opportunities. The Chapter is a believer in supporting the higher education goals of today's youth and encourage young people to be interested in the industry and in SWANA. The Chapter offers college scholarships to eligible students working toward undergraduate or graduate college degrees. All applications are due May 2, 2022.

The Chapter's and SWANA's 2022 application forms (except Cat IA) are now merged and updated for calendar year 2022. These scholarship application forms are available to potential scholarship applicants. The Scholarship Eligibility Criteria, Instructions and Application forms may be downloaded from the Chapter's Website at the following link: [Scholarship & Education Archives - SWANA: Mid-Atlantic \(swana-midatl.org\)](http://www.swana-midatl.org/Scholarship-Education-Archives)

Each year in May, the Chapter Scholarship Committee evaluate each applicant for eligibility; scores the eligible applicant on academics, activities (extracurricular, community, citizenship), relation to studies in solid waste industry (for Cat II/IIB, III/IIIB); and recommends the award(s) to the Chapter board, including the one(s) that

need to be forwarded (most-qualified, eligible candidate in Cat I, II, and III, except Cat IA) for consideration for the international scholarships administered by SWANA International.

The scholarship candidate pool is limited to students who are sponsored by Chapter members. Candidates who are not a child or grandchild of a member do not necessarily need to know a sponsor beforehand but would need to find a sponsor among the chapter membership.

For any application which receives the highest score, the Chapter will award the highest amount which is of the \$2,000 George L. Winfield Memorial Scholarship Award.

For additional information on the Mid-Atlantic Chapter's Scholarship Program, or if you have problems downloading any of the documents from the Chapter Website, please contact Mehal Trivedi at (301) 600-3043 or mtrivedi@frederickcountymd.gov.

Applications are due by May 2, 2022.



Legislative and News Updates

SWANA Mid-Atlantic

March 10, 2022

By: Jacob Shepherd, P.E., Legislative Liaison
JShepherd@scsengineers.com

SWANA Updates

Senate Holds Hearing on Recycling & Composting Bills

On February 2, the U.S. Senate Committee on Environment and Public Works (EPW) held a [hearing](#) to discuss two draft bills, the “[Recycling Infrastructure and Accessibility Act of 2022](#)” and the “[Recycling and Composting Accountability Act.](#)” These bills would provide additional data on recycling and composting activities at a national level and fund a pilot grant program to increase recycling access, respectively. The bills have not yet been introduced in the Senate.

The [Recycling Infrastructure and Accessibility Act](#), to be sponsored by Senator Shelly Moore Capito (R-WV), is meant to provide investments in infrastructure in underserved communities through the use of a hub-and-spoke model for recycling infrastructure development. In this case, underserved would be defined as a community that does not have access to more than 1 MRF within 150 miles. The other bill discussed at the hearing was the [Recycling and Composting Accountability Act](#), which will be sponsored by Committee Chairman Tom Carper (D-DE) and Senator John Boozman (R-AR). This bill is primarily focused on data collection for improving recycling and composting. It would require EPA to work with states and local governments to provide numerous reports on recycling and MRFs.

SWANA Joins Industry Comments on Renewable Fuel Standard

SWANA and the Landfill Gas & Biogas Technical Division joined The Coalition of Renewable Natural Gas, NGV America, National Waste & Recycling Association, American Public Gas Association, and Energy Vision to provide [comments](#) to EPA on its [proposed Renewable Fuel Standard \(RFS\) Annual Rules](#).

The proposed rule would revise the previously set 2020 RFS standards and set the volume standards for compliance years 2021 and 2022. It also includes EPA’s proposed approach for addressing the remanded 2016 standard-setting rulemaking, as well as other proposed changes to the RFS regulations. Of note for the solid waste industry this year, EPA requested comment on modelling of lifecycle GHG emissions for fuels produced from separated municipal solid waste that is diverted from landfills to processing facilities that produce diesel, gasoline, and jet fuel.

White House Issues Guidebook to the Bipartisan Infrastructure Law

The Biden Administration has issued a [guidebook](#) for state, local, tribal, and territorial leaders to help them understand the funding available under the new infrastructure bill. It also includes an explanatory document that shows program-by-program information. This will be updated at regular intervals. For the solid waste industry, two funding opportunities of note are the \$275 million *Solid Waste Infrastructure for Recycling Infrastructure Grants* program and the \$75 million *Reduce, Reuse, Recycling Education and Outreach Grants* program, both of which were supported by SWANA. The [guidebook](#) states that EPA will begin stakeholder outreach and engagement on the programs in the 2nd quarter of 2022 with funding available starting in the 4th quarter. SWANA will continue to closely follow their development and participate in all engagement opportunities, while also urging EPA and the Administration to move as quickly as practical to make the funding available.

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Legislative Updates

Federal

No updates.

U.S. Environmental Protection Agency (EPA)

Technical Revisions/Clarifications for NESHAP Subpart AAAAA Air Regulations – On February 3, 2022, the EPA finalized [technical revisions and clarifications](#) for the National Emission Standards for Hazardous Air Pollutants (NESHAPs) 40 CFR 63 Subpart AAAAA established in the March 2020 revisions. Among multiple clarifications, this action clarifies the timelines for installation and operating a gas collection and control system (GCCS) for those landfills above either the 34 Mg/yr or 50 Mg/yr threshold as applicable. Landfills subject to GCCS requirements can no longer expect a 30-month time period for phasing in new regulations.

Maryland Legislative

The 444th legislative session convened on January 12, 2022 and will adjourn on April 11, 2022. Bills related to recycling and solid waste include:

[HB0018/SB0143](#) – Paint Stewardship – Would require paint producers to submit producer responsibility plans and prohibits producers without plans from selling paint in the state. *Referred to House Environment and Transportation Committee and Senate Education, Health, and Environmental Affairs – 3rd reading*

[HB0135](#) – Single-Use Plastics Restrictions – Would prohibit food services from providing certain single-use plastics unless requested by a customer. *Unfavorable vote from Economic Matters Committee*

[HB0217](#) – Task Force on Recycling Policy and Recycling and Waste Systems – Establishes a task force to review the Maryland Recycling Act, study waste and recycling, and provide recommendations on updating the Act. *Referred to Environment and Transportation Committee*

[HB0307/SB0292](#) – Packaging Producer Responsibility – This bill would establish a framework for producers of packaging materials sold in Maryland to create and implement producer responsibility plans, either individually or part of an industry organization. Producers or producer organizations would be required to submit plans to MDE for review and approval by April 1, 2024. Beginning October 1, 2024, only producers with approved plans may sell, distribute, or import for sale/distribution packaging. The bill would also establish a Producer Responsibility Plan Advisory Council and include a requirement for regular statewide recycling assessments by MDE. The industry is supportive of EPR bills. However, potential issues with this bill include the following:

1. Availability of funding of and staffing for recycling assessments is unclear
2. Local government reimbursement is unclear and does not consider economics in processing facility selection
3. Education efforts must consider the different recycling programs used across the state
4. Anaerobic digestion is not included as a reimbursable method for processing of compostable packaging
5. A producer responsibility plan may allow beverage container deposits, which could adversely affect funding of local recycling programs
6. The bill may not adequately empower the Producer Plan Advisory Council to require plan changes

Referred to House Environment and Transportation Committee and Senate Finance Committee

[HB0708/SB0528](#) – Comprehensive Climate Solutions/Climate Solutions Now Act of 2022 – As part of proposed greenhouse gas reduction approaches, these bills would require MDE to adopt surface emission monitoring (SEM) standards for landfills and require landfills to address discrepancies between landfill emission data and aerial flyover measurements.

Legislative and News Updates continues on page 6

SEM Requirements – [HB0708](#) requires adoption of SEM requirements by 1/1/2023. [SB0528](#) allows an additional year (1/1/2024). Landfills may already be subject to SEM requirements under federal regulation. If regulations follow regulations promulgated by other states (such as California or Oregon), the requirements may include a grid-based “integrated” SEM in addition to a serpentine path required by federal rules, significantly increasing the cost for quarterly monitoring events. The rules may also add limitations for precipitation and wind speed that may be difficult to meet without variances. More landfills may be subject to the rules due to changes in applicability dates and emission thresholds. Recent amendments did provide for certain exemptions to these requirements, including for landfill solar/renewable energy and organics composting.

Aerial Measurement Analysis – If aerial measurement emission data is more than 25% higher than emissions reported in a landfill’s Emission Certification Reports (ECR), the landfill must evaluate the differences and reassess the landfill methodology and equipment. Aerial measurements can be accurate for methane concentration. However, emission rates are estimated mathematically, such as through mass balance methods or meteorological modeling. Best industry practice is to estimate fugitive landfill emissions using the EPA’s LandGEM model, (last updated in 2006) and generic modeling inputs. These differences in methodology could likely lead to discrepancies, and evaluating the differences may require significant additional time/effort.

Referred to House Economic Matters Committee and Senate Education, Health, and Environmental Affairs. 2nd reading in Senate.

[HB0700](#) – Labeling, Marketing, and Advertising for Recycling – Alters labeling requirements for plastic containers and bottles to address claims of recyclability of products and packaging. The bill would establish standards for marketing and requirements for products considered recyclable. *Referred to Environment and Transportation Committee*

[HB1070](#) – Solid Waste Disposal and Diversion and On-Farm Composting and Compost Use – This bill would establish a grant fund from quarterly fees paid by owners and operators of refuse disposal facilities in the state. *Referred to Environment and Transportation Committee*

[HB1226](#) – Mattress Stewardship Program – Would prohibit mattress disposal or incineration starting January 1, 2027 and would require mattress producers or producer organization to submit a stewardship plan to MDE. *Referred to Environment and Transportation Committee*

[HB1239](#) – Plastic and Glass Products; Postconsumer Recycled Content Program – Would prohibit producers of certain glass and plastic products from selling or distributing materials except under certain conditions and would require them to pay an annual fee. The bill would also establish minimum post-consumer recycled content requirements. *Referred to Environment and Transportation Committee*

[HB1331](#) – Coal Ash Recycling Act of 2022 – This bill would require materials used for the protection and stabilization of shorelines, precast concrete, and concrete used for wind turbine foundations to include coal ash as a component. It also requires a joint group of MDE and the University of Maryland system to identify and make recommendations on opportunities and funding sources for use of coal ash in materials used in the state. *Referred to Environment and Transportation Committee*

[SB0490](#) – Maryland Recycling Act Definition Changes – Changes definitions of recycling materials and solid waste stream to include construction and demolition debris (C&D). *Referred to Senate Education, Health, and Environmental Affairs Committee*

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Maryland MDE

Currently Tracking – New Landfill Methane Rules and State EG Implementation Plan – No updates. MDE is currently developing new rules for methane control and reduction from municipal solid waste (MSW) landfills. The rules would also implement the Emission Guidelines (EG) under the 2016 NSPS changes (40 CFR 60 Subpart Cf) and would replace the current Federal EG Plan that applies to Maryland landfills (published under 40 CFR 62 Subpart OOO). A [draft regulatory framework](#) was presented at the recent June 23, 2021 landfill stakeholders meeting, which has been posted to MDE's [website](#). As proposed in the draft regulatory framework, the regulations would significantly reduce the threshold for requiring the installation, operation, and monitoring of an active gas collection system. In July, the Chapter Legislative Committee distributed a list of potential issues presented in the framework. MDE is currently reviewing comments submitted on the framework and is developing a draft regulation, which is expected to be published soon.

Delaware Legislative

No updates.

West Virginia Legislative

[HB2105](#) – WV Beverage Container Recycling and Litter Control Act – Would require the use of returnable containers for beverages and establish a container deposit program. *House Workforce Development*.

[HB4084](#) – Advanced Recycling – Would clarify that advanced recycling (otherwise known as “chemical” recycling) is not solid waste. This would allow advanced recycling facilities to operate without additional oversight from the solid waste management board. *Passed House and Senate; requires Senate concurrence*.

[SB0554](#) – Transferring Solid Waste Management Board to DEP – Would transfer functions to the WV Department of Environmental Protection (DEP). A separate bill would abolish the board. *Senate Finance Committee*

District of Columbia Legislative

Council Period 23 began on January 2, 2021 and will end at 12:00 p.m. on January 2, 2023. Currently no bills related to solid waste and recycling are being considered.

News Updates

[What's on the Biden administration's waste and recycling to-do list in 2022](#) – Waste Dive – January 24, 2022 (with updates)

[U.S. Plastics Pact Releases Anticipated Problematic Materials List](#) – Waste Dive – January 25, 2022

[EPA Requires Reporting on Releases and Other Waste Management of Certain PFAS](#) – Waste Advantage – January 27, 2022

[Bipartisan bills look to boost nation's lagging recycling rates](#) – Roll Call – February 2, 2022

[Federal bills aim to improve rural recycling, boost data collection, explore national composting strategy](#) – Waste Dive – February 3, 2022

[Potomac Edison to begin recycling worn-out utility poles in Shepherdstown, Region](#) – Shepherdstown Chronicle – February 4, 2022

[National Bottle Bill Likely to Land in Congress Soon](#) – Resource Recycling – February 8, 2022

[EPR remains top item in state recycling policy debate, but bottle bills and plastic bans also in play](#) – Waste Dive – February 10, 2022

repurposedMATERIALS

By: *Damon Carson, Owner*
repurposedMATERIALS
damon@repurposedmaterialsinc.com

If there is anyone truly aware of the amount of waste that ends up in landfills every year, and the long-term problems this poses, it's solid waste professionals.

They are well aware that Americans produce about 4.4 pounds of trash a day, which amounts to roughly 728,000 tons of daily garbage, enough to fill 63,000 garbage trucks.

And they are cognizant that about half of that winds up in the landfill.

For half a century, the solution to the waste problem has been recycling. But recycling involves the reprocessing of materials. It uses energy, another kind of waste. It's expensive. And it's inefficient.

For those reasons, recycling ranks just above 'waste-to-energy' (i.e. burning) on the waste hierarchy. Recycling keeps a portion of the junk out of the landfill. But is there some way to more efficiently reduce waste?

One innovative company believes the answer is 'yes,' and the solution is not recycling. It's repurposing."

Rather than melting, shredding, chipping or grinding – the recycling process – **repurposedMATERIALS** finds new uses for materials in their current form. An old fire hose becomes a boat dock guard. A worn out conveyor belt becomes a gun range ballistic curtain. A retired street sweeper brush becomes a scratching post for cattle.

"If something is obsolete to the primary user, that doesn't mean it doesn't have value somewhere," **repurposedMATERIALS** owner Damon Carson said. "If you find yourself saying 'I can't use this. What am I going to do with it?' that's where we come in."

Carson challenges those in every industry to consider if there are "repurpose-able" options for their obsolete materials before simply banishing them to the landfill.

Additionally, he encourages solid waste professionals to refer producers of large amounts of waste to him before they haul off their potentially "repurpose-able" materials.

"It makes sense environmentally and economically," Carson said. "Giving materials a second life keeps them out of the landfill, which can come with surprising cost savings."

Repurposing is at the intersection of affordability and sustainability. For the one getting rid of waste, there may be a savings over paying to dispose of the material. And for the one utilizing repurposed material over a primary-purpose product, there is typically a savings of 50 to 75%.

"We all have a part to play in attacking waste in America," Carson said. "If you can avoid paying for disposal, and you can keep it out of the landfill, it's a win-win."

Carson believes he can help solid waste professionals divert a significant amount of waste before it reaches the landfill.

"Your options are the trash truck or the repurposed materials truck," Carson said. "One truck is going to take it and bury it. The other truck is going to give it a second life."

For advice on repurposing materials, contact Carson by telephone at 720-615-0281, or by email at damon@repurposedmaterialsinc.com.

repurposedMATERIALS

MRN/SWANA Mid-Atlantic Annual Conference BWI Marriott, Linthicum, MD June 23, 2022

Join us on **Thursday, June 23 (8 a.m. - 6 p.m.)** at the BWI Marriott in Linthicum, MD, as we ask thought leaders from throughout the industry (and ourselves) how we move on and move up post-pandemic.

Check out [RECOVERY 2022](#)...maybe there is a more productive way to look at our options for 2022 and beyond.

Your ticket lets you open the door to ...

- Technical sessions that **bring you up-to-date on the hottest topics in the industry** including changing waste management and recycling models, policy & regulation, commodities markets, new technologies and more. [Click here to view the preliminary program.](#)
- **Sponsors and exhibitors sharing the latest and greatest tools & equipment to help you do your job better, faster, or at a lower cost.** [Vendors - Click here to see how you can build your brand and your business through sponsorship or exhibits.](#)
- Networking opportunities to **connect with your peers** – Take a step out of your office environment and be among those who understand what you're faced with day in and day out. This conference will offer numerous opportunities for you to converse with your fellow recycling professionals.
- **Recharge your thinking and inspire creative approaches.** *The ideas you generate could improve your program – and your career.*

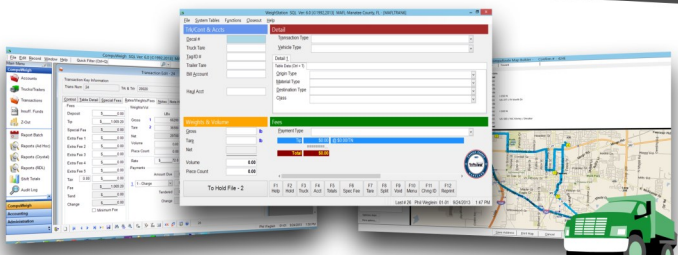
[Register Today!](#)



Reminders / Wanted

- ◆ Reporters/writers for our Chapter newsletter.
- ◆ Important Websites to Remember: www.swana.org, www.swana-midatl.org and 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 web sessions, make them a Chapter event so that all attendees can get CEU's. Contact Steve Lippy, Dana Blumberg or Shirl Wright.
- ◆ Job Vacancies in your Organization: Contact 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 to be placed in our Chapter newsletter.
- ◆ Scholarship Sponsors: The Chapter is currently looking for an organization to sponsor the highest scoring candidate. The sponsor could be any organization and can suggest a name to be given to the award. The Chapter will accept an annual sponsorship of either \$500, \$1,000, \$1,500 or \$2,000. Please contact Steve Lippy or Mehal Trivedi.
- ◆ Name(s) of Prospective SWANA Members: Contact either our Chapter Membership Chair, Deji Fawole dfawole@scsengineers.com or direct the prospective member to our Chapter website www.swana-midatl.org or SWANA's website 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. Please make check payable to: **Mid-Atlantic Chapter of SWANA** and mail to the attention of Shirl Wright at NE MD Waste Disposal Authority, 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 or www.aees.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."

SWANA
MID-ATLANTIC CHAPTER

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We're on the Web!
www.swana-midatl.org