



NEW AUTHORITY BOARD MEMBER FOR MONTGOMERY COUNTY



Guillermo “Willie” Wainer, chief of the Division of Solid Waste Services for the Montgomery County Department of Environmental Protection, has been appointed by Governor Larry Hogan to serve on the Authority’s Board of Directors. Mr. Wainer has more than 30 years of experience in the development and management of a large variety of solid waste systems, including residential curbside and commercial collection services, single stream and dual stream recycling recovery facilities, landfill operations, transfer stations, and yard

waste and food waste composting operations. Throughout his career, he has worked for Waste Management, Inc., Republic Services, Inc., and private service providers. He most recently was with the Maryland Environmental Service.

Mr. Wainer has a Master of Science in Engineering Management degree from the University of Maryland and a master’s level degree in Mechanical Engineering from the National Technological University in Argentina. The Authority board and staff look forward to working with Mr. Wainer.



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NAWTEC Conference
Held in Lancaster, PA



2018 MRN/SWANA MID-ATLANTIC ANNUAL CONFERENCE

The theme of the 2018 MRN/SWANA Mid-Atlantic Annual Conference was: *Our Chesapeake Bay: The Ultimate Waste Stream or Essential Estuary?* It was held June 19 - 20, at the Turf Valley Conference Center in Ellicott City, MD and the overall focus was on collaboration and communication.

Horacio Tablada, deputy secretary of the Maryland Department of the Environment was the Opening Keynote Speaker. He expanded on the mission of traditional recycling and waste reduction efforts, by examining the topic of materials management and its relationship to water quality. Because Maryland's industry and recreation are so closely tied to the Chesapeake Bay and the Atlantic Ocean, it was important for attendees to reflect on and consider the impacts we (e.g. various governmental agencies, non-profits, businesses, as well as the general populous) have had and will continue to have on all bodies of water both within and surrounding the state. Throughout the conference, participants were presented with water conservation media campaigns that have successfully resonated with citizens and gained the highest levels of reception and engagement. Social media messages have done an exemplary job of communicating challenges, such as

packaging consumption and litter, by reframing those concepts and using arresting images to display how we are affecting the water we use and depend on.

These themes continued with presentations from Maggie Ost Dahl, manager Conservation Operations at the National Aquarium who spoke about Marine Litter and Plastic Pollution: A Global Issue, and Adam Lindquist, director of the Healthy Harbor Initiative who spoke about the Trash Wheels in the Baltimore Inner Harbor. Both presentations covered the rebranding of trash conversations to better engage audiences and impact behavior change and involvement. For example, efforts to make pollution topics more relatable, engaging and fun, include: putting googly eyes on the Trash Wheels and creating a Trash Wheel "Secret Society". Advertising efforts, such as beach clean-ups and kayaking in the Inner Harbor Flotilla along with individual actions have spread into collective efforts that have inspired global movements such as the new nationwide policies and bans to address plastic waste. These types of campaigns have had an empowering and contagious effect, which has effectively tied consumer/manufacturer responsibility to habitat conservation and stewardship (e.g. the reduction of plastic straws sweeping through restaurants). The broader public seems



to identify with positive messaging and has shown a willingness to adapt to certain lifestyle changes.

Additionally, David Allaway, senior policy analyst, Oregon Department of Environmental Quality, Ron Vance, chief of the Resource Conservation Branch, United States Environmental Protection Agency and Susan Robinson, director of Federal Public Affairs, Waste Management comprised a panel on Alternative Metrics and Methods for 21st Century Waste Management. These speakers discussed how waste tracking measures have evolved from simply measuring the weight of material, to tracking the total lifecycle emissions in relation to specific product creation. Ultimately, collaborating on metrics to effectively measure true sustainable materials management was a key factor for consideration at this conference.

Other presentation topics included: Contamination and the Markets, Legislative/Regulatory Updates, Tanzania's Waste Management System, Food Waste Diversion, Safety: It's Everybody's Business, Recovery Park: The Power of Collaboration, a regional update that discussed the innovative reuse of dredged material in the Chesapeake Bay, as well as Emerging Contaminants in Landfills, Leachate and Groundwater.

Ultimately, participants learned that partnerships among stakeholder groups and agencies will achieve better results than goals that are set and carried out individually.



BALTIMORE COUNTY RECEIVES TWO AWARDS FROM THE MARYLAND RECYCLING NETWORK

Charlie Reighart Named Recycler of the Year; County Honored for Environmental Social Media Page

Baltimore County received two awards from the Maryland Recycling Network (MRN) on June 19 at the MRN/Mid-Atlantic SWANA (Solid Waste Association of North America) Annual Conference. Charlie Reighart, Recycling and Waste Prevention Manager for the County's Bureau of Solid Waste Management, was named the Dwight Copenhaver Recycler of the Year and the Bureau of Solid Waste Management received the Extraordinary Achievement Award for its Clean Green Baltimore County Social Media Program.

Charlie Reighart has provided leadership in the recycling field since 1989. He has created innovative programs that not only benefit County residents but are models for similar programs at the state and national level. During Charlie's time with the Bureau of Solid Waste Management, starting in 1990, Baltimore County has received five national and ten statewide awards for recycling and waste prevention.

Charlie has provided leadership to MRN and other state and national organizations to expand recycling and waste prevention, including leading efforts for a statewide waste diversion goal and guidelines for a source reduction credit system. Since 1996, he has served on the MRN Board and in various MRN officer and committee chair roles.

Perhaps Charlie's most important contribution has been to hire and mentor 101 interns since 1992. These interns

have not only provided important services to County residents, but many have gone on to other responsible positions in the public and private sectors, with seven former interns currently working in the recycling field. Charlie has also managed many other County programs and projects, including once-a-week trash and once-a-week recycling collections, the implementation of single stream recycling, electronics recycling, recycling container placement at County intersections, a four-year recycling program calendar and guide (that includes a calendar of trash and recycling pickup days, a list of acceptable and unacceptable recyclables, set-out regulations, and information on the County's drop-off centers), source reduction programs, recycling tonnage reporting to the State and the development of Ten-Year Solid Waste Management Plans.

In 2017, the Recycling Division developed the Clean Green Baltimore County Facebook Page (*Facebook.com/CleanGreenBaltCo*). This social media page publishes environmentally-focused content related to Baltimore County agencies, including, but not limited to, the County's Departments of Environmental Protection and Sustainability, Public Works, Planning, and Recreation and Parks, as well as the Energy Management and Sustainability Section in the Property Management Division of the Office of Budget and Finance. None of these agencies has its own social media presence. The page is a digital "one-stop shop" to help residents, businesses

and institutions become better environmental stewards by providing information on programs, services and resources that support healthy, sustainable living. In addition to educating people about initiatives that focus on sustainability, nature and the environment, the page publishes tips, strategies and resources to improve its followers' efforts in recycling, waste prevention and reuse, energy savings, natural resource conservation and other aspects of green living, as well as information about state, national and international environmental initiatives and success stories.



Baltimore County Recycling and Waste Prevention Manager Charlie Reighart (L) accepts the Dwight Copenhaver Award for lifetime achievement from Maryland Recycling Network Chair Bob Stumpff.

Highlights from the page's first year include 1.3 million page impressions, reaching more than 825,000 people, 46,000 video views, 5,300 post shares and more than 2,100 page fans. The page produced the County's first Facebook Live Q&A, an interactive, semi-scripted, 55-minute live video broadcast on America Recycles Day (November 15, 2017). The page also included events and activities related to Earth Month in April. The County publicized these environmental efforts at a cost considerably below other forms of traditional advertising. The Facebook site is an effective way to promote waste prevention, recycling and other environmental programs.

The County thanks MRN for recognizing the outstanding contributions of the County's recycling and waste prevention manager and the County's environmental social media page.



Clean Green - Members of the Baltimore County Bureau of Solid Waste Management accept the Maryland Recycling Network (MRN) Extraordinary Achievement Award for the Clean Green Baltimore County Social Media Program. Team members shown here (L-R) are Natalie Adachi, Mike Beichler, Charlie Reighart, Jeanette Garcia Polasky and Richard Keller. MRN Chair Bob Stumpff is at far right.

ROAD-E-O ROUNDUP, A CONTINUING SUCCESS



nce again the Maryland Environmental Service (MES) hosted the popular MRN/SWANA Mid-Atlantic Chapter

ROAD-E-O. The 2018 event kicked off early on the overcast morning of June 22 at the Mid-Shore II Landfill in Ridgely MD. Participants from the region (MD, PA, and NJ) joined in friendly competition on landfill and road equipment. Skills and speed were tested as competitors moved around the field of competition for wheeled loaders, bulldozers, articulated dump trucks and landfill compactors. Truck drivers were challenged to navigate tight turns, parallel parking and wheel placement through a course of tennis balls, all under the tick-tock of a timer. Participants also had to perform a pre-operation walk-around and safety check as part of the competition. Volunteer judges were assigned various stations over the courses to monitor compliance with the course and take measures of success.

Many thanks to the MES staff who set up the courses, and the volunteers who staffed the field of competition, ran score sheets from the field and tallied the scores. The Authority continued its longtime support of the ROAD-E-O as a sponsor for participants from its Member Jurisdictions in the various



competition classes. The first and second place winners are eligible to attend the International ROAD-E-O to be held in Denver Colorado on September 22.

Additional thanks to the following who donated equipment and trucks which were used during the competitions:

- JESCO
- Alban Cat
- Maryland Environmental Service

Thanks to these companies/agencies who were sponsors:

- Gold—Chester County Solid Waste Authority
- Gold—Paradigm Software
- Gold—Lancaster County Solid Waste Management Authority
- Gold—Vulcan Materials Company
- Bronze—Barton & Loguidice

Thanks also to those who donated door prizes, giveaway items, and other needed items:

- Chester County Solid Waste Authority
- Delaware Solid Waste Authority
- EA Engineering
- Geosyntec Consultants
- Maryland Environmental Service
- Northeast Maryland Waste Disposal Authority
- SCS Engineers
- Solid Waste Association of North America



The top finishers for each category are noted below.
Mid-Atlantic Chapter participants are highlighted.



Articulated Dump				
Place	Score	Name	Employer	
1	98	Weise, Chase	Clinton County Solid Waste	
2	93	Milby, Logan	MES	
3	90	Scarborough, Tamara	MES	
Dozer				
1	95	Reidnauer, Jim	Chester County Solid Waste	Time 6:09
2	95	Kessling, David	Clinton County Solid Waste	Time 6:16
3	93	Kortze, Chrissy	Chester County Solid Waste	
Landfill Compactor				
1	92	Milby, Logan	MES	
2	90	Kortze, Chrissy	Republic Services	
3	87	Alexander, Cody	Clinton County Solid Waste	
Champion Landfill Equipment Operator				
	98	Weise, Chase	Clinton County Solid Waste	Equip. - Dump
Front Loader				
1	316	Lee, Robert	Northern Tier Solid Waste	
2	293	Roe, Cody	Northern Tier Solid Waste	
3	280	Dixon, Eric Sr.	Clinton County Solid Waste	
Roll-Off				
1	281	Brinkley, Michael	Republic Services of Felton	
2	253	Roe, Cody	Northern Tier Solid Waste	
3	214	Scarborough, Tamara	MES	
Wheel Loader				
1	94	Towers, Paul	MES	
2	93	Swift, David	Farmington Transfer Station	
3	89	Wheeler, Mark	MES	



26TH ANNUAL NAWTEC CONFERENCE HELD IN LANCASTER, PA

The 26th annual North American Waste-to-Energy Conference (NAWTEC) was held in Lancaster, PA, May 14 - 16. Solid waste professionals from North America and around the world converged at the Lancaster Marriott in Penn Square to discuss the latest in waste-to-energy (WTE) technologies and to network with colleagues in the industry. This conference is the Solid Waste Association of North America's (SWANA's) premier annual waste-to-energy conference.

NAWTEC is divided into two parts, sessions on waste-to-energy topics and the trade show. The sessions cover both technical and public policy issues in the industry. In a departure from previous conferences, this year's participants

were able to see both the technical and public policy issues in one forum. In the technical arena, there were presentations on fire prevention at WTE facilities and continuing discussions on the beneficial reuse of ash. Public policy discussions included the impact of China's position on acceptance of recovered recyclable materials from America and the current EPA's impact on renewable energy, the Clean Air Act and WTE.

The trade show was open continuously during the conference. Attendees could network with and get information from 35 different companies in the WTE industry. Companies at the trade show ranged from engineering firms to recycling operators.

After the program concluded, participants could tour the 1,200

tons-per-day Lancaster County Waste-to-Energy Facility in nearby Conoy Township, PA. It is owned by the Lancaster Solid Waste Management Association (LCSWMA) and operated by Covanta. The facility processes approximately 400,000 tons of waste annually and provides 15 - 20 percent of the steam to Perdue Agribusiness' adjacent soybean processing facility. This makes it the most highly efficient, technologically advanced and environmentally sound soybean processing plant in the country.

The 27th NAWTEC is scheduled to be held in Reston, VA in April, 2019.



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