



WASTECON 2017 HELD IN BALTIMORE!

In March of 2014, a historic phone call took place that set the ball rolling for WasteCon to be held at the Baltimore Convention Center this past September. Here's an account of how this year's meeting attended by more than 2,000 participants from 72 countries came to be in Baltimore.

How It Began

The Board of Directors of the Mid-Atlantic Chapter of the Solid Waste Association of North America (SWANA) was meeting at the Baltimore County Central Acceptance Facility in Cockeysville, MD. The purpose of the technical portion of the meeting was to discuss operations of the transfer station and the material recovery facility. Also on the meeting Agenda was a call with SWANA International. SWANA International set-up a conference line to discuss the possibility of the Chapter reprising its recent role as Host-Chapter for a joint conference between SWANA International and the International Solid Waste Association (ISWA) in 2017. Dr. John Skinner (then SWANA International Executive Director) and Meri Beth Wojtaszek (currently SWANA International's Deputy Executive

Director) discussed the internal venue selection process, the timeline for submission of various documentation and the ultimate host site selection notification.

Following the phone call, the Chapter voted to prepare an internal submission to SWANA International. After that, a comprehensive application was quickly assembled for SWANA International to formally submit to ISWA. Six months later, in September 2014, it was announced that Baltimore would host the 2017 ISWA/SWANA World Congress/WasteCon. The work of hosting the event began right away. Mid-Atlantic members were involved in many aspects of the final event from serving on planning committees, leading tours, presenting posters and planning social events.

The Event

Three years later, on September 25, 2017, the doors officially opened for the **SWANA/ISWA 2017 World Congress/WasteCon**, in downtown Baltimore. The conference was titled **"No Time to Waste...No Time Wasted."** An array of technical sessions kicked off the conference. Leading up to the event, more than 400 proposals for technical presentations were submitted for review.



During the conference there were multiple tracks focusing on a variety of topics, each offering participants the opportunity to broaden their understanding of solid waste, recycling, sustainable materials management, Extended Producer Responsibility and more.

Keynote speakers throughout the event addressed the current economic state of the solid waste industry; the Circular Economy; marine litter; closing unlined dumpsites, and the impact of China's recent changes to specifications on the recycling economy in the US and around the world. Chief Executive Officers of major US corporations and senior officials from several countries offered a range of presentations. Participants also were treated to a

Continued on page 4

2

EPA Website
Review

3

Annual Site Visit Completed
at King George Landfill

4

Cyclepoint to Process
Baltimore City Electronics



EPA WEBSITE REVIEW

Authority's Solid Waste and Sustainable Materials Management Expertise Tapped to Review US EPA Website.

Andrew Kays, Deputy Director of the Northeast Maryland Waste Disposal Authority, recently provided a peer review on the Beta Version of the Environmental Protection Agency's (EPA) Materials Management Wizard website (MWiz).

The focus of the website is to make information on Sustainable Materials Management readily accessible to customers. MWiz is a platform for users to input screening criteria and access a defined list of resources from among thousands of documents in the EPA library. For example, files can be searched for material type (e.g., 'food') for a broad response, or using additional search parameters a more tailored result can be obtained (e.g., listing a desired outcome, such as cost savings or socioeconomic

impacts, etc.). Website users can then mark files of interest that are encountered during the search for later reference.

The peer review process included a series of EPA directed searches with a summation of the results. Mr. Kays also provided commentary on the usefulness of the search results and potential improvements to the search engine, such as adding additional screening keywords to certain files in order to increase the likelihood that they would be captured by individuals performing a search. Mr. Kays noted that the platform is geared to not just one particular audience, but rather to multiple user groups, such as consumers and industry or government officials, who can tailor their searches to find useful information. MWiz can be found at: <https://www.epa.gov/sustainability/mwiz>.



NEUBER TO CONDUCT PHASE II OF HARFORD WTE DEMOLITION & RESTORATION

The Authority recently awarded a contract for the second phase of the demolition/site restoration project at the Harford Waste-to-Energy Facility to Neuber Environmental Services Inc. This selection was made after a public procurement process and affirmative votes by both the Authority Board and

the Harford County Board of Estimates. Neuber will implement the project strategy, prepare and submit all relevant applications for permits, provide project management (e.g., coordination with the US Army staff and civilian support staff, sampling prior to demolition, etc.) and prepare documentation and certification for the completed project. The work will include removal of certain

buried infrastructure and grading and stabilization of the site. The permitting and design phase of the project is anticipated to start in December, with earth work to be performed between March and August of 2018. Final closure of the site will take place in September through October of 2018.

ANNUAL SITE VISIT COMPLETED AT KING GEORGE LANDFILL

The Authority, along with representatives from Anne Arundel and Howard Counties participated in the annual site visit of the King George County Landfill, located in Virginia on October 26. The annual tour is a requirement of the Service Agreement between the Authority and Waste Management, on behalf of both jurisdictions. David Howard, site manager for Waste Management, conducted the tour, which also included the King George Landfill Gas-to-Energy Facility.



Trash hauler leaving the railyard after getting filled with waste, on its way to unload at the landfill

The Authority contracts with Waste Management for the acceptance, transportation and disposal of municipal solid waste delivered by Anne Arundel and Howard Counties to the Annapolis Junction Transfer Station in Jessup, Maryland. Annapolis Junction then sends the waste by rail operation to the King George Landfill. During the annual visits, the Authority and Member Jurisdictions inspect the landfill, review operations and discuss regulatory compliance. The King George Landfill site is 685 acres, of which 292 acres will be developed as landfill. The landfill has been in operation since 1996 and annually receives 6,000-9,500 tons-per-day of waste, with approximately 2,500 tons-per-day coming in by rail from the Annapolis Junction Transfer Station. King George Landfill's life expectancy is estimated to last until 2045.

Waste Management currently treats its leachate through an on-site evaporation treatment process, powered by the on-site landfill gas-to-energy facility. The excess leachate is shipped to New Jersey for treatment. Landfill gas from the site is collected and sent to



Railcar of waste about to be turned and dumped onto tipping floor

the landfill gas-to-energy facility, which utilizes four turbines to generate and export approximately 10 megawatts of electricity to the local electric distribution system, or grid. The turbines consume an estimated 6,000 scfm of landfill gas total, which can vary due to gas quality and ambient temperatures. The excess gas is burned in one of three on-site flares.



Working face of the landfill

WASTECON 2017 HELD IN BALTIMORE!

Continued from page 1

session on the making of the “Monday Lunch,” which involved maximizing the use of all components of the raw ingredients into a tasty meal that reduced waste.

The opening night reception took place on the conference exhibit floor, where exhibitors and attendees mingled and made solid waste connections well into the evening. Prince George’s County processed the separated organics fraction at the event and the remainder of the World Congress/WasteCon at their Western Branch composting facility in Upper Marlboro, MD. The facility is operated by the Maryland Environmental Service for the benefit of Prince George’s County. There were many opportunities to network during the conference, from small break-outs after talks hosted by the SWANA/ISWA young professionals

to informal hallway chats around the conference center.

Baltimore’s charm was on display during the Tuesday night social at Camden Yards. The technical portion of the conference ended on the afternoon of Wednesday, September 27. Representatives from Kuala Lumpur, host city for the 2018 ISWA World Congress, were on hand to formally take the lead for the next World Congress.

Attendees also were able to register for tours of facilities in the region, such as the transfer station, MRF and Resource Recovery Facility in Montgomery County, the Millersville Landfill and Resource Recovery Facility in Anne Arundel County, and Eastern Sanitary Landfill and the Central Acceptance Facility in Baltimore County. The tours to

Quarantine Road Landfill and the Inner Harbor (marine litter) in Baltimore City were free ‘mobile sessions,’ a new idea that took place during the day in lieu of a standard session. The tours provided participants a chance to ‘get their boots dirty’ while learning about resource management in the state.

Next Up

The 2018 WasteCon will take place in late August in Nashville, Tennessee.



CYCLEPOINT TO PROCESS BALTIMORE CITY ELECTRONICS

Baltimore City has entered into a Confirmation of Transaction under the Authority’s Master Service Agreement for Electronic Materials Collection and Recycling Services with CyclePoint from

SourceAmerica. This contract will run until January 15, 2019. SourceAmerica’s main processing facility is located in Virginia Beach, VA where it performs de-manufacturing of household electronics for recycling and refurbishment.



100 S. Charles Street, Tower II – Suite 402
Baltimore, Maryland 21201
410-333-2730 / Fax: 410-333-2721
E-mail: authority@nmwda.org
www.nmwda.org

EXECUTIVE DIRECTOR
Christopher W. Skaggs

MEMBERS	
James M. Irvin Chairman Howard County	Steven A. Walsh Baltimore County
Michael G. Marschner Treasurer Frederick County	Jeffrey D. Castonguay Carroll County
Rhody R. Holthaus Anne Arundel County	Joseph J. Siemek Harford County
Rudolph S. Chow Baltimore City	Vacant Montgomery County
	Roy McGrath Maryland Environmental Service

WasteWatch is published quarterly by the Northeast Maryland Waste Disposal Authority, an independent agency of the State of Maryland governed by its Member Jurisdictions – Anne Arundel County, Baltimore County, Baltimore County, Carroll County, Frederick County, Harford County, Howard County and Montgomery County.

The next edition of WasteWatch will include an update of recycling markets related to the recently announced Chinese restrictions on the acceptance of recyclables.