



MATTRESS & BOX SPRING COLLECTION AND RECYCLING PROGRAMS FOR MEMBER JURISDICTIONS HAVE LAUNCHED WITH TURBOHAUL

The Authority is pleased to announce that mattress and box spring recycling services have begun for Montgomery County and Frederick County. Additional Member Jurisdiction programs are expected to roll out within the year. This is especially exciting, as mattress and box spring recycling are brand new programs for many of the Authority's Member Jurisdictions!

Montgomery County's program commenced in May of this year. Since then, through October, the County recycled nearly 385,520 pounds of mattresses and box springs. Frederick County kicked off its program in July, and through October recycled more than 86,960 pounds of mattresses and box springs.

TurboHaul, Inc. provides the recycling services for these jurisdictions.



TurboHaul's recycling facility during Authority/Member site visits, prior to moving.

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AUTHORITY PROCURES CONTRACTORS FOR BALTIMORE CITY SANITATION YARDS RENOVATIONS

The City of Baltimore and the Authority have chosen LaBella Associates through a public procurement process to lead a multi-year modernization project for the Kane Street Sanitation Yard. Geosyntec Consultants was also selected from a managed competition of qualified on-call firms to lead a similar project at the Western Sanitation Yard on Reedbird Avenue.

Each Authority consulting firm will conduct a comprehensive assessment of their assigned facility and develop

an Occupational Safety and Health Administration (OSHA) Compliance Master Plan. The plans will identify infrastructural and operational improvements that can be made to meet OSHA standards and other applicable laws and regulations, including the Americans with Disabilities Act.

The City will then utilize the OSHA Compliance Master Plan and other deliverables identified during the assessment, design, and permitting phases to develop and implement improvements at the facilities. The onsite buildings and grounds at both locations will be repaired, renovated,

or possibly rebuilt, depending on the results of the assessments along with cost analyses. These efforts will allow the City to plan for renovations that will improve the work environment and help support the City's plans for waste minimization and diversion.

The Kane Street Sanitation Yard Kickoff Meeting was held in July. Site visits, interviews, and engineering assessments have been taking place in preparation for the Master Plan. The Western Sanitation Yard Kickoff Meeting was held in September. Site interviews and design will begin within the next few weeks.

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The company has operations and locations in Maryland, Virginia and North Carolina, servicing more than 1,000 multi-family and commercial properties, companies, and institutions. TurboHaul utilizes downstream recycling markets for its metal and foam materials, has recently secured a market for its quilted ticking, and is building stable downstream recycling markets for

its wood, fabrics, felt and coconut fiber materials.

The company has achieved an increased overall recycling rate of 85 percent by weight for mattresses and box springs since our last report, partially due to their new facility and bringing balers online. TurboHaul can recycle every type and quality of mattress and box spring, even those

that are wet and soiled, only excluding those that have severe biohazard or vector contamination.

Photos of the recycling process and facility at its previous location in Annapolis Junction, MD (as they have since moved to Brooklyn, MD) are included below.



TurboHaul's recycling facility during Authority/Member site visits, prior to moving.



Frederick County mattress/box spring recycling drop-off area.



Montgomery County mattress/box spring recycling drop-off area.

THE AUTHORITY CONTINUES TO MONITOR PROGRESS OF THE GUDE REMEDIATION PROJECT

There was a rainy transition from summer into autumn in Montgomery County. As a result, Allen Meyers (AM), the Gude Remediation project contractor, brought equipment in to remove accumulated sediment after several substantial rain events. The heavy rains also prompted the installation of additional sediment and erosion control measures to keep sediment onsite. The Phase I subgrade layer was constructed, and temporary Landfill Gas (LFG) pipes were removed in preparation for liner deployment by AM. Liner deployment over the northwest slope of Phase I and a portion of the Phase II slope was completed by the liner subcontractor, Hallaton. These sections of the landfill are ready for the addition of 18 inches of vegetative support soil on top of the liner.

Most of the subgrade in Phase III has also been constructed and a portion of it has been covered with liner and geotextile cloth. The LFG well drilling and condensate trap construction continued in Phase III. Waste regrading also continued in Phase IV.

There were a few notable permitting and inspection events during Fall 2023 as well. A General Noise Waiver Permit was issued on September 22 and is valid through September 21, 2026. AM will still have to comply with the County's noise ordinances

but can operate longer hours in the day to complete the project more quickly. Additionally, Maryland Department of the Environment inspectors preliminarily approved the Phase S-IIIA geotextile and S-IIIB subgrade pending survey topography and engineer approval, liner destructive sample test results, and subbase compaction data. In Phase S-IIIA, 18 inches of vegetative support soil can be placed in the meantime. Rocks and roots will be removed from the Phase S-IIIB subgrade surface prior to liner deployment by a rock rake on a small dozer and by hand. This is done to remove items that could damage the liners as they are placed. Stone will also be used to reinforce the Phase S-IIIB down chute.

As mentioned in the Summer 2023 edition of *WasteWatch*, the crew continued to manage a considerable amount of leachate due to pre-existing seeps at the northwest slope. All parties involved in the project agreed on installing a slope toe drain as a more permanent solution to manage the leachate. AM completed the construction of a slope toe drain in Phases S-I and S-II. Work on the slope toe drain in Phase S-III continues. Once completed, the drain will allow leachate to flow into sumps installed at low points along the toe of the slope that can then be pumped and hauled to Oaks Landfill for treatment and disposal.

On the eastern side of the site, AM began stockpiling vegetative support soil in Phase S-VI. AM also began to screen certain soils from the Purple Line project stockpiled at the site to be used for subgrade construction.

The County continues to inform the local community regularly on the project's progress through direct communications, and file updates on the County's project webpage. For more information, please contact the Authority or visit the County's project website at <https://montgomerycountymd.gov/sws/facilities/gude/remediation-project.html>.



TEXTILE COLLECTION AND REUSE/RECYCLING MASTER SERVICE AGREEMENT FOR MEMBER JURISDICTIONS HAS BEEN AWARDED TO HELPSY

New Collection Programs Have Begun

The Authority awarded a Master Service Agreement to ReClothing, LLC, doing business as HELPSY, in February 2023, which will be in effect through June 2027. As a result, there have been contract executions for Baltimore City, Baltimore County, Frederick County and Montgomery County. This is especially exciting for Baltimore City and Baltimore County as these are entirely new programs!

Acceptable textiles under this contract include a wide variety of clothing, footwear, clothing accessories, linens, blankets, curtains, and other miscellaneous textiles such as luggage and stuffed animals. Textiles can be both re-wearable and reuseable as well as not. They can be stained, worn out, torn, ripped, have missing

buttons and broken zippers, if they are dry, clean, and odorless. Textiles that are unfit to be re-worn or reused are recycled into insulation (e.g., fiberfill for furniture) or industrial wipe cloths and rags.

The Agreement provides an expanded suite of services for the Authority's eight Member Jurisdictions, including the following service options:

1. Collection from Member Jurisdiction residential solid waste drop-off points
2. Collection bins at other municipal facilities
3. Collection through special collection events/ community drives
4. Curbside residential collection service

All service options generate revenue for the Members, currently earning \$0.14 per pound for the existing services in place under option #1.

Helpsy's offices and recycling/ processing facility are in New Jersey. Their collection depots, located in Baltimore, have been visited by Authority staff and some Member Jurisdictions' representatives. The Baltimore site includes the collection depot, which is a location that hosts a tractor trailer and a truck, to consolidate textiles from smaller box truck runs. When full, the material is shipped to processing warehouses out of state, including Texas and New Jersey.

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Photo from Baltimore County textile recycling drop off area. Pictured: Trevor Hummel, Baltimore County's Recycling Contracts and Marketing Manager

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They also have collection sites at store parking lots with collection containers available for public use.

Helpsy has extensive experience, already servicing more than 100 locations in Maryland, and 50 locations in Northern Virginia.

They also have other municipal partnerships with 24 cities in the states of MA, NH, NJ, CT, and NY.

Additionally, Helpsy is a certified B Corporation (the only certified B Corporation in clothing collection), which means they meet the highest standards of overall social and environmental performance, transparency, and accountability, providing living wages and “using their business as a force for good.”



Baltimore City textile recycling drop-off area



Montgomery County textile recycling drop-off area

PINNACLE COMMUNICATIONS AWARDED AUTHORITY'S COMMUNICATIONS CONTRACT

The Authority collaborated with Anne Arundel, Baltimore, and Howard Counties on the development of an RFP for Marketing, Public Education, and Communications Services. This RFP will result in an on-call contract for services that all Authority Members can access. As the current contract expires at the end of this year, time was of the essence. Five responsive proposals were received by the required closing date in August. After evaluating the proposals, Pinnacle was selected to continue as the Authority's Communications Consultant. They have an impressive track record with successful marketing projects. Pinnacle currently assists Baltimore County with mailers about lawn and trim recycling as well as the “What Are Your Recyclables Saying?”

campaign. Additionally, Pinnacle is assisting Anne Arundel County with its Fall Recycle Coach Campaign. Pinnacle also manages the webpages for the Authority, Mid-Atlantic SWANA, Anne Arundel County Department of Public Works *RecycleMoreOften* website, and the MDrecycles.org website. The Authority and its Member Jurisdictions look forward to collaborating with Pinnacle on innovative and impactful marketing, public education, and communications services in the years to come.



TAKE BACK YOUR SUMMER

Don't spend time, money and energy bagging and dragging grass and leaves.

MOW HIGH AND LEAVE THE CLIPPINGS.

Grasscycling is better for the environment and for your lawn. Clippings provide moisture and add nutrients to your soil.

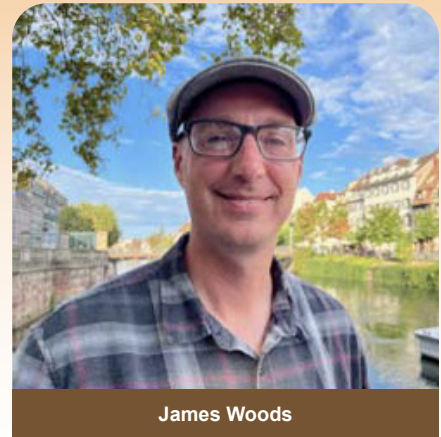
YOUR LAWN WILL BE HAPPIER AND SO WILL YOU.



NEW AUTHORITY PROJECT MANAGER

James Woods (he/him) has 20 years of experience as an environmental engineer. His broad experience includes 15 years as a project manager in the solid waste field in Maryland. He has also worked in the fields of stormwater, stream and wetland restoration, water and wastewater, and public health. James is passionate about implementing comprehensive, sustainable waste management facilities and services

for local communities in Maryland. He grew up in Anne Arundel County, studied Chemical Engineering at Virginia Tech and received a Master of Environmental Engineering degree from Johns Hopkins University. James is a Maryland licensed Professional Engineer and is certified by SWANA as a Manager of Landfill Operations. James is a long-time Baltimore City resident. He enjoys spending time with his family, staying active and is a fan of the Orioles and the Ravens.



James Woods

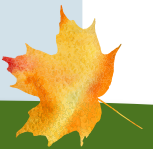


ALERT: ORGANICS COLLECTIONS REGULATIONS TO CHANGE BEGINNING JANUARY 1!!!

More stringent food waste regulations resulting from legislation approved by the Maryland General Assembly in 2021 go into effect in January. Certain regulatory requirements are already in place for the diversion of food residuals by large generators from traditional solid waste disposal. However, on January 1, 2024, the weight threshold for compliance with the regulations will be reduced

from the current two tons per week generation (or greater) to one ton per week generation (or greater). Generators meeting the disposal threshold must send the Maryland Department of the Environment (MDE) a report on all solid waste and recyclable materials as identified under Code of Maryland Regulations (COMAR) 26.04.13.05 annually. For more information on the

regulations visit: [Solid Waste Management - Organics Recycling and Waste Diversion - Food Residuals \(maryland.gov\)](#) or contact MDE's Resource Management Program: Tim Kerr or Shannon McDonald 410-537-3314. More information on composting in Maryland can be found at: [Composting \(maryland.gov\)](#).



PROCUREMENT NOTIFICATIONS

- Issued 10/12/23: Request for Expressions of Interest for Design, Build and Operate Beneficial Use of Landfill Gas for Small, Closed and/or Rural Landfills: Utilizing Mobile Turbines or Engines, Compressed Natural Gas/Renewable Natural Gas Systems and/or Direct Landfill Gas to Energy Power Purchase Services. Question Submittal Date is 11/30/23 and Response Due Date is 1/25/24.
- Issued 11/6/23: Request for Proposals for Passenger Vehicle, Light Duty Truck, Oversize and Agricultural Tire Collection & Recycling Services. Question Submittal Date is 11/20/23 and Response Due Date is 1/4/24.
- Baltimore County Bulk Material Curbside Collection Services Request for Proposals Coming Soon!

For more information on these and other procurement opportunities go to: [NMWDA.org/procurement-opportunities](https://www.nmwda.org/procurement-opportunities).



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