



Millersville Landfill & Resource Recovery Facility Community Update

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Landfill Gas-to-Electricity Facility - Engine Rebuild Project



Caterpillar engine being transported for "New Life Rebuild".

The County has completed “new life rebuilds” for the two (2) engines that operate at the Millersville Landfill’s Gas-to-Electricity Facility. The engines were installed in 2012 and operate 24 hours per day / 7 days per week / 365 days per year, with the only downtime being for facility maintenance and local power outages.

In late 2024, the engines were expected to reach approximately 100,000 hours of service, at which point the manufacturer (Caterpillar, Inc.) recommends completing a "new life rebuild". Generally, this work is performed by certified mechanics and includes inspecting the engines for compliance with the manufacturer’s specifications, replacing all worn parts, remachining the engine block, heads and cylinders and essentially restoring the engines to “near new” condition.

The Gas-to-Electricity Facility’s operations and maintenance (O&M) contractor (Archaea Energy) provided the rebuild services. The first engine was removed in late September 2024, transported to their engine rebuild facility, remanufactured, and returned for reinstallation in late October 2024. The second engine was removed the same day the first engine was reinstalled (for efficiency), transported to the engine rebuild facility, remanufactured and returned for reinstallation in early December 2024.

This project allows the County to continue to generate alternative energy (i.e., electricity) using landfill gas from the Millersville Landfill as fuel for the engines for at least the next 10-12 years.



Caterpillar engine being removed from LFGE Facility.

BE A RECYCLING EXPERT IN 2025!

Download the FREE app, Recycle Coach, for all of your waste disposal questions!

Recycle Coach Features:

- Customized Collection Reminders
- Emergency Notifications
- The What Goes Where Search Tool
- Weekly quizzes, blogs, and more!



SCAN ME



Making a difference, together

This Community Update was prepared by Anne Arundel County, Department of Public Works, Bureau of Waste Management Services.

Its purpose is to provide information about current and future operations at the Millersville Landfill & Resource Recovery Facility, and related activities that may interest our neighbors.

Subcell 9.3 Construction – Update



Subcell 9.3 soil excavation, transport and stockpiling activities.

The third phase of Cell 9 development began on September 30, 2024 under the approved Capital Improvement Program. This is the third 15-acre “subcell” of the overall 84-acre disposal area located along the southern boundary of the Millersville Landfill site. We expect this phase of landfill construction and development to be completed in the Fall of 2025.

To date, the contractor (Bowen & Kron Enterprises, Inc.) has excavated approximately half of the 700,000 cubic yards of soil required to “shape in” the subcell disposal area. Soil from the excavation have been used to construct the remainder of the Cell 9 southern perimeter berm and roadway, and the remaining soil has been stockpiled for future operational use as daily and intermediate cover soils. Soil excavation will continue over the next 6-8 weeks (weather permitting). This project also includes the expansion of the facility’s landfill gas collection and conveyance systems, which is scheduled to begin in February 2025 and be completed within 3-4 months. Construction of the bottom liner system, consisting of recompacted clay and geosynthetic materials, will begin in the Spring of 2025.

Check back for our construction update in a future newsletter.



DID YOU KNOW?

1. The Bureau provides curbside collection of trash, recycling and yard waste to more than 172,000 households each week. That's over a half million collections!
2. On average, we receive approximately 220,000 customer visits per year at each of our three recycling centers and about 130,000 customer visits per year at our landfill. That's almost 800,000 visits per year!
3. We compost over 20,000 tons of curbside collected yard waste each year. This compost provides a rich soil amendment that is used by landscapers, nurseries, and golf courses to manufacture topsoil. You can compost in your own backyard with one of our free backyard composting kits!
4. Landfill gas extracted from our closed and active waste disposal areas is used to produce enough electricity to meet the needs of approximately 2,000 residential homes.
5. Anne Arundel County residents continue to help save space in our landfill by putting unwanted textiles into bins at our three recycling centers and the Heritage Office Complex. In 2024, more than 94,000 lbs. of textiles were collected!
6. The County's recycling rate for all materials is 42%. Recycling saves money and landfill space for future generations!
7. Wildlife is everywhere! The Millersville Landfill is home to several species of wildlife, including white tail deer, turkeys, fox, squirrels, ducks, geese, bald eagles and even sea gulls.
8. You can recycle food and beverage glass bottles and jars at the curb and at our three recycling centers. Our bottle-to-bottle program collects color-sorted glass in special containers and recycles it directly into new glass bottles. Since 2021, we've successfully collected over 86 tons of glass at our Recycling Centers!
9. Did you know that you can receive emergency notifications when Waste Management Service's facilities are closed due to inclement weather with the free Recycle Coach App.
10. Fall and winter are the seasons that oysters are most commonly enjoyed in Maryland, but oyster and clam shells are accepted for recycling year round at our recycling centers in partnership with the Oyster Recovery Partnership.

South County Community Garden



Last fall WeCare Denali, an organics composting company, donated 20 cubic yards of compost to the South County Community Garden (SCCG). The SCCG is an all volunteer, community-supported agriculture group located on the River Farm of the Jug Bay wetland sanctuary in Lothian. Here the SCCG operates a three acre community garden in which community volunteers grow vegetables, fruits, herbs and flowers for donation to Anne Arundel County food pantries and the South County Senior Activity Center. WeCare Denali processes the com-

post at the Millersville Compost Facility using Anne Arundel County's curbside yard waste. Anne Arundel County collects approximately 20,000 tons of yard waste annually so that makes a lot of compost! Our yard waste program accepts leaves, grass clippings, small branches, and even Christmas trees. This material is ground up using an industrial grinder and composted for over six months. WeCare Denali has made it an annual tradition to support this community endeavor by donating compost, which enhances soil nutrients and increases production by adding organics to the soil.



DPW Info & Upcoming Events

Our Recycling Program Specialists are eagerly awaiting the arrival of spring, and to get out and meet you at community events! Spring events are a fantastic opportunity to learn about local resources, connect with your neighbors, and have some fun in the sun! Keep an eye out for upcoming community events – you might just spot one of our Recycling Specialists there with some fun recycling swag and helpful information. We look forward to seeing you soon!

Recycling Specialist will be participating in the following upcoming events:

- ◇ Career Day at Quarterfield Elementary on Thursday, April 10th
- ◇ Earth Day Celebration at Quiet Water Park on Saturday, April 12th
- ◇ Bodkin Elementary Environmental Fair on Saturday, May 3rd

To learn more about community events in your area visit Facebook, www.aacounty.org/news-events/events, and other community websites.



2025 Household Hazardous Waste Events

Household hazardous waste (HHW) are materials that are generated by County residents which have dangerous properties of hazardous waste when they are no longer used for their intended purpose. Common examples of HHW include oil-based paints, solvents, lawn chemicals, cleaning solutions and fluorescent lamp bulbs. These materials and solutions may cause fires, corrosion or create potentially hazardous fumes if placed in with household garbage. Anne Arundel County holds six distinct events per year at the Heritage Office Complex in Annapolis in which these problematic and dangerous materials are collected and disposed of in a manner protective of human health and the environment.



DPW & YOU

Department of Public Works
Household Hazardous Waste
Drop-off Day Schedule

Hours: **8:00AM - 2:00PM**

DATE	LOCATION
March 29, 2025	All events will be held at the Heritage Office Complex 2662 Riva Road Annapolis, MD 21401
April 26, 2025	
May 31, 2025	
June 21, 2025	
September 13, 2025	
October 25, 2025	

Please refer to our website for a comprehensive list of items accepted and items not accepted.



Do not bring **Latex Paint** to household hazardous waste days. Modern latex and acrylic paints are water based and can be disposed of using more cost-effective and efficient methods. If you clean your brush with water you are using water-based paint.



The best method to manage household hazardous waste is to create less whenever possible.

This can be done by:

- Use less toxic alternatives
- Read the label and buy a non-toxic product if possible
- Purchase only the amount you need
- Use all of the product
- Offer extra, usable products to friends, neighbors, community groups and family



2025 Holiday Collection Schedule

Holidays	Landfill & Recycling Centers	Curbside Collection
New Year's Day	JAN 1 (Wed) Closed	No collection changes
MLK Birthday	JAN 20 (Mon) Closed	Normal collections will occur
Presidents' Day	FEB 17 (Mon) Closed	Normal collections will occur
Good Friday	APR 18 (Fri) Closed	Normal collections will occur
Memorial Day	MAY 26 (Mon) Closed	Monday collections occur Tuesday Tuesday collections occur Wednesday
Juneteenth	JUNE 19 (Thur) Closed	Normal collections will occur
Independence Day	JULY 4 (Fri) Closed	Friday collections occur Saturday



Department of Public Works

Millersville Landfill and Resource Recovery Facility
389 Burns Crossing Road
Severn, MD 21144

Phone: 410-222-6108
Fax: 410-222-6105

Operating Hours

The current operating schedule for the Millersville Landfill and Resource Recovery Facility is:

Monday – Saturday 8:00 am – 4:00 pm

Check our website www.aacounty.org/departments/public-works/waste-management for dates that our facility is closed.

Please feel free to contact us at any time. We want to hear from you, especially if you have a concern.

Stephen Krajcsik – Operations Administrator
Michael Porath – Disposal & Maintenance Manager
Rich Bowen – Recycling & Waste Reduction Manager
Anita Grayson-Evans – Community Services Manager

Please refer any questions or comments to these individuals at 410-222-6108 Monday through Friday 8:00 am to 4:00 pm.

Outside of business hours, for emergencies call 410-222-8400 and for inquiries please contact us using 311 by visiting our website or using the 311 app.

