

Prince George's County Organics Composting Facility



Rakom L. Robel III
County Executive



Large Scale Composting



MARYLAND
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Construction

A photograph of a construction site showing several workers in safety gear (hard hats, high-visibility vests) working on a large-scale concrete structure. The structure is composed of a dense grid of vertical and horizontal steel rebar, supported by wooden formwork. The workers are positioned around the structure, some appearing to be inspecting or adjusting the rebar. The background shows a clear sky and some construction equipment, including a concrete pump truck.

- Construction took just under 8 months to complete.
- Minimum down time due to weather.
- All subcontracts met the MBE requirements as mandated by Prince George's County.
- Construction cost under 8 Million.
- New 12 SG bunker system uses the most modern design and equipment to date.

Benefits of new composting Infrastructure

- New system will allow for an additional 24,500 tons of food organics to be composted on site.
- 4ft “bunker” walls will square the heaps allowing for a cleaner design
- The Gore covers are attached to the outside of each wall thus keeping the cover tightly sealed around each heap allowing for better VOC control.
- Aeration ducts are integrated into the bunker pads and double as contact water collection ducts.
- Contact water is collected and stored into 2 of the 8000 gallon tanks allowing the reuse of the liquid in the system when needed.



Contracts and Tonnage Allotment

An aerial photograph of a waste transfer station. The ground is dark and appears to be covered in a layer of material, possibly food scraps. Several large, rectangular piles of material are covered with yellow and white tarps. The tarps are secured with white straps. The background shows more piles of material and some greenery.

- Maryland Environmental Service will be implementing a “Put or Pay” style contract for all food scraps haulers looking to tip at the facility per Prince George's County request.
- Customers will be allocated space based on load cleanliness and In-County based material first, Mixed In/Out county material and Out of County last

Future Expansion is Here

An aerial photograph of a large-scale industrial construction site. The site is filled with various structures, including long rows of rectangular basins or bunkers, some covered with white tarps. There are numerous piles of earth and construction materials. In the background, there are several multi-story brick buildings, likely part of an existing facility. To the right, a large solar panel array is visible. The site is surrounded by dense green trees, and a road or path runs along the perimeter. The overall scene depicts a major expansion project in progress.

- 20 Heap system
- 65,000 Tons of capacity in Bunker system alone
- Site capacity 100,000+ Tons? Yet to be determined.
- Increased production of Leafgro and Leafgro Gold
- System will be started on 09/21/2018

Teamwork Makes Success



Proud to be
Composting in Prince
George's County

Prince Georges County Organics Composting Facility

Thank You



Robert L. Baker, III
County Executive



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