

Independent coverage of composting, wood recycling and organics management

# omposting //

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# New Jersey digester tax credit goes to assembly

egislation to create a tax credit for the development of anaerobic digestion facilities passed in a legislative committee in September and was sent to the New Jersey General Assembly for consideration

A3577 would incentivize the development and construction of anaerobic digestion facilities that process food waste within the state by providing a tax credit against the corporation business tax to compensate the developer for the costs incurred during development and construction of the facility. The tax credit would be available for six years.

The bill unanimously passed the assembly's Environment, Natural Resources and Solid Waste Committee by a vote of 6-0 with one abstention. The legislation was introduced in February

(See Digesters, page 7)



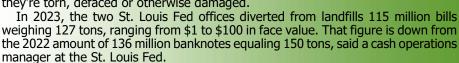
### How retired dollars end up as compost

#### By Shera Dalin

oney doesn't grow on trees, but banknotes from the St. Louis Fed can help trees grow. Since 2012, the St. Louis Fed's headquarters office has been turning "unfit" currency into compost via its vendor St. Louis Composting, of Valley Park, Missouri. In 2020, the St. Louis Fed's Memphis, Tennessee Branch began to compost currency via its vendor, The Compost Fairy, of Memphis.

longer suitable for circulation because

they're torn, defaced or otherwise damaged.



The goal of the composting program is to make the St. Louis Fed more environmentally sustainable, the cash operations manager said.

"We try to do the right thing, and this is more sustainable and better than going

(See Money, page 8)



Denali, Synagro swap biosolids, non-biosolids assets

ynagro Technologies Inc., of Baltimore and Denali Water Solutions LLC, of Russellville, Arkansas, have entered into an agreement wherein Synagro will acquire Denali's municipal biosolids services business in California in exchange for Synagro's industrial non-biosolids organics assets in Arkansas and Missouri.

"This transaction enables both Synagro and Denali to unlock tremendous value and grow our respective footprints in key markets," said Bob Preston, CEO and and chairman of Synagro. "We remain committed to

(See Swap, page 8)

#### Highlights

- Consortium blueprint aims to scale composting infrastructure
- National compost prices

# CUT IT, CHIP IT, HAMMER IT, OR SHRED IT

with a Bandit horizontal grinder or slow speed shredder











Concrete Shaft

Paddle Shaft

#### **Food scraps**

# Consortium blueprint aims to scale composting infrastructure

he Composting Consortium, New York, in August released a new blueprint to guide municipal leaders in zero waste, solid waste and sustainability in establishing and scaling composting infrastructure and organics management programs across the country.

The report, "How Organics Diversion Can Help Achieve Zero Waste Goals: A Blueprint for Action," co-authored with Eco-Cycle, Boulder, Colorado, is an essential guide for municipalities seeking to develop food scraps collection programs and to work with composters to meet zero waste and climate goals, the consortium said.

The consortium is a collaboration managed by the Center for the Circular Economy at Closed Loop Partners, New York'

Alongside the release of the blueprint, the consortium invited U.S. municipalities and composters to join two newly launched platforms that support municipalities and composters in scaling organics infrastructure.

Diverting food scraps and yard waste through municipal organics programs provides environmental benefits such as improved soil health, water conservation, carbon sequestration and support for local economies and ecosystems, the collaborative said.

To support this diversion, the U.S. composting industry is in an early stage of transformation, the blueprint says. More composters are looking to accept

(See Consortium, page 5)



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#### **Food scraps**

#### **Consortium**

From page 3

and process more food waste; approximately 70% of composters who process food also accept and process some format of food-contact compostable packaging, with the understanding that accepting these materials helps bring in more food waste to their facilities. However, only 10% of U.S. households have access to organics recycling through drop-off and curbside organics collection programs, and only 4% of wasted food is sent to composters today.

"Since its launch in 2021, the Composting Consortium has been focused on moving the needle to change that statistic," said Kate Daly, managing director and head of the Center for the Circular Economy at Closed Loop Partners. "By creating this blueprint, we aim to equip municipal leaders with a basic how-to manual to launch or scale successful organics programs that contribute to a zero-waste future, clean organics streams and a thriving composting industry."

The blueprint proposes an actionable framework that includes:

- Policy and program expansion for diverting food waste. This section does a deep dive into effective strategies for policy development. It explores methods to incentivize resident and business participation, while outlining pathways to maximize food waste diversion from landfills;
- Setting up programs and infrastructure. This section provides a clear roadmap for establishing new organics programs. It details best practices for collection methods, explores various processing options (composting facilities, anaerobic digestion) and offers

guidance on navigating the critical process of contracting with composters;

• Communication with program participants. Recognizing the importance of resident and business engagement, this section provides a comprehensive communications toolkit. It outlines strategies for educating participants on proper sorting techniques, maximizing program participation and fostering long-term program success.

The collaborative said that to thoughtfully scale organics management, key stakeholders must collaborate. This helps ensure that composting programs and infrastructure are developed to meet the diverse needs of stakeholders across the organics value chain—from composters, to cities, residents and businesses.

Alongside the release of the blueprint,

(See Consortium, page 7)

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### **National Compost Prices**

The prices listed below are intended to indicate the value of mature compost products sold by compost producers and retailers in noted regions. Prices listed producers and retailers in noted regions. Prices list are based on surveys and publicly posted prices. Your input on published prices is encouraged. Contact Ken McEntee, editor, at (440) 238-6603. Fax: (440) 238-6712. EMail: ken@compostingnews.com. Address: 9815 Hazelwood Avenue, Cleveland, OH 4140. Notes on Listings.

Yard waste compost Average

44149. Notes on listings.

• Each listing includes a high price obtained, a low price obtained and an average of all prices obtained within a particular market.

Hiah

Low

• Market areas: Thirteen market areas have been • Market areas: Thirteen market areas have been targeted to provide a cross section of compost product markets in the U.S. Where regions are not identified by a specific city, "Chesapeake" refers to the region stretching between Norfolk, Va. to Baltimore, Md. "Texas" incorporates several major cities in the state. "Northwest" represents the Seattle and Portland, Ore areas. "SF-Bay" refers to the San Francisco Bay area. SoCal is Southern California, including the Los Angeles and San Diego areas. Denver includes Colorado, Wyoming and Montana. • "Food waste" compost: This category refers to compost products that include food waste, regional

compost products that include food waste, regional

specialities and other feedstocks not specifically covered in other categories.

· Manures: Chicken manures may include other poultry manures, such as turkey and duck manure. Cow manures may include manures marketed as steer and dairy manure. Horse manure is included in

Steer and dairy finding a finding is included in this category as well.
 Absence of a regional listing within a given category indicates not enough information for a valid listing. Additional data will be added as more information is obtained.
 Rully retail prices do not include municipal.

• Bulk retail prices do not include municipal operations that give compost away for free.

#### **Bulk Retail (yard)**

NE	\$ 32.55	# 77 00	\$ 17.50		
Chesapeake SE Florida Cleveland Iowa Minneapolis Texas Denver Northwest	\$ 32.55 \$ 24.50 \$ 21.88 \$ 16.42 \$ 19.90 \$ 21.57 \$ 17.09 \$ 29.71 \$ 20.31 \$ 24.05 \$ 21.92 \$ 14.75	\$ 77.00 \$ 30.00 \$ 29.95 \$ 26.00 \$ 28.00 \$ 53.00 \$ 40.00 \$ 31.00 \$ 55.00 \$ 34.00	\$ 16.00 \$ 10.50 \$ 12.50		
SF-Bay SoCal	\$ 21.92 \$ 14.75	\$ 30.00 \$ 24.00	\$ 10.00 \$ 8.00		
NE Chesapeake SE Florida Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal	\$ 39.12 \$ 23.00 \$ 28.11 \$ 17.50 \$ 25.00 \$ 12.33 \$ 30.21 \$ 15.00 \$ 20.55 \$ 23.61 \$ 30.50	\$ 64.00 \$ 30.00 \$ 35.00 \$ 22.00 \$ 65.00 \$ 16.00 \$ 48.95 \$ 15.00 \$ 30.00 \$ 38.00 \$ 45.00	\$ 13.00 \$ 15.00 \$ 9.00 \$ 15.00 \$ 15.00		
<b>Leaf humus</b> NE Chesapeake Cleveland	<b>Average</b> \$ 24.98 \$ 27.49 \$ 19.27	Hiah	\$ 19.95 \$ 23.95		
Composted biosolids NE Chesapeake SE Florida Cleveland Iowa Texas Denver Northwest SoCal	\$ 30.00 \$ 24.98 \$ 12.14 \$ 13.14 \$ 24.77 \$ 12.67 \$ 21.28 \$ 9.00 \$ 17.91	High \$ 40.00 \$ 35.00 \$ 28.00 \$ 22.00 \$ 30.00 \$ 30.00 \$ 10.00 \$ 26.00 \$ 22.00	\$ 8.00 \$ 19.50 \$ 8.00 \$ 10.00 \$ 7.00 \$ 7.00		
Composted chicken	manure Av \$ 45.00	verage H \$ 50.00	<b>igh Low</b> \$ 40.00		
Chesapeake SE Minneapolis Texas Denver SF-Bay SoCal	\$ 25.00 \$ 42.00 \$ 17.00 \$ 37.23 \$ 25.65 \$ 16.00 \$ 44.00	\$ 50.00 \$ 25.00 \$ 42.00 \$ 17.00 \$ 47.50 \$ 28.00 \$ 16.00 \$ 75.00	\$ 25.00 \$ 42.00 \$ 17.00 \$ 26.95 \$ 24.00 \$ 16.00 \$ 27.00		
Composted cow manure Average High Low					
Cleveland Iowa Minneapolis Texas Denver Phoenix Northwest SF-Bay SoCal	\$ 45.50 \$ 31.33 \$ 24.00 \$ 42.00 \$ 29.33 \$ 29.33 \$ 21.71 \$ 20.00 \$ 23.85 \$ 26.00 \$ 17.25	\$ 46.00 \$ 45.00 \$ 24.00 \$ 60.00 \$ 32.00 \$ 47.50 \$ 30.00 \$ 20.00 \$ 33.75 \$ 26.00 \$ 24.00	\$ 45.00 \$ 12.00 \$ 24.00 \$ 16.00 \$ 26.00 \$ 15.00 \$ 12.00 \$ 20.00 \$ 17.45 \$ 26.00 \$ 12.00		

Wood waste mulch NE Chesapeake SE Florida Cleveland Iowa Minneapolis Texas Denver Phoenix Northwest SF-Bay SoCal	**Yerage	High \$ 38.00 \$ 28.00 \$ 34.95 \$ 18.00 \$ 35.05 \$ 40.00 \$ 25.00 \$ 22.95 \$ 35.00 \$ 30.00 \$ 50.00	\$ 12.50 \$ 12.00 \$ 12.00 \$ 17.00 \$ 17.00 \$ 25.00 \$ 20.00 \$ 9.00 \$ 12.48 \$ 10.00 \$ 10.00 \$ 8.00 \$ 6.00	Composte NE SE Iowa Texas Denver Northwest SF-Bay SoCal Wood was NE Chesapeake
Colored wood mulch NE Chesapeake SE Florida Cleveland Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal	\$ 28.00 \$ 28.67 \$ 27.13 \$ 20.33 \$ 24.87 \$ 30.00 \$ 36.80 \$ 26.08 \$ 33.28 \$ 35.00 \$ 34.00 \$ 32.50	High \$ 28.00 \$ 33.00 \$ 42.00 \$ 22.00 \$ 28.99 \$ 30.00 \$ 49.00 \$ 32.50 \$ 33.28 \$ 35.00 \$ 35.00	\$28.00 \$25.00 \$15.00 \$19.00 \$21.95 \$30.00 \$31.800 \$33.28 \$35.00 \$28.00 \$30.00	Florida Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal  Colored w NE Chesapeak SE Florida
Bulk wholesa Yard waste composi NE Chesapeake SE Florida Cleveland Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal	le (yard)	High \$ 48.00 \$ 16.00 \$ 25.00 \$ 13.00 \$ 17.00 \$ 17.00 \$ 24.00 \$ 35.00 \$ 22.00 \$ 10.00	\$ 11.00 \$ 8.00 \$ 8.65 \$ 8.00 \$ 10.00 \$ 7.00 \$ 7.00 \$ 7.50 \$ 7.50 \$ 6.00	Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal  Bag Retai  Compost NE Chesapeak SE lorida Cleveland
Food waste composi NE Chesapeake SE Florida Iowa Minneapolis Texas Denver Northwest SF-Bay	\$ 25.79 \$ 10.50 \$ 20.65 \$ 10.50 \$ 13.40 \$ 17.50 \$ 17.50 \$ 11.33 \$ 17.25 \$ 12.67	High \$ 48.00 \$ 15.00 \$ 30.00 \$ 13.00 \$ 20.00 \$ 12.00 \$ 12.00 \$ 15.00 \$ 26.00	\$ 11.00 \$ 8.00 \$ 15.00 \$ 10.00 \$ 12.00 \$ 8.50 \$ 7.00 \$ 15.00 \$ 5.00	Iowa Texas Denver Phoenix Northwest SoCal Composte HighLow NE Chesapeak SE Florida Cleveland
Composted biosolids NE Chesapeake SE Florida Texas Denver Northwest SoCal	\$ Average \$ 15.33 \$ 9.31 \$ 10.93 \$ 10.50 \$ 15.99 \$ 13.00 \$ 16.75 \$ 10.50	High \$ 20.00 \$ 15.00 \$ 15.00 \$ 13.00 \$ 20.00 \$ 13.00 \$ 21.00 \$ 17.00	\$ 10.00 \$ 5.00 \$ 5.00 \$ 5.00 \$ 8.00 \$ 9.00 \$ 13.00 \$ 12.00 \$ 3.00	Iowa Minneapoli: Texas Phoenix Northwest SF-Bay

Composted cow main NE SE Iowa Texas Denver Northwest SF-Bay SoCal	s 36.00 \$ 21.38 \$ 35.00 \$ 25.00 \$ 12.05 \$ 22.00 \$ 34.25 \$ 5.00	\$ 36.00 \$ 31.50 \$ 35.00 \$ 25.00 \$ 14.10 \$ 22.00	\$ 36.00 \$ 7.00 \$ 35.00 \$ 25.00 \$ 10.00 \$ 22.00 \$ 34.00 \$ 4.00			
Wood waste mulch NE Chesapeake SE Florida Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal	**Nerage** 15.75   **15.80   **14.60   **14.00   **30.00   **18.50   **10.83   **7.66   **15.00   **12.33   **9.25	High \$ 33.00 \$ 17.00 \$ 24.95 \$ 15.00 \$ 40.00 \$ 20.00 \$ 14.00 \$ 15.00 \$ 14.00 \$ 15.00	\$ 8.00 \$ 13.00 \$ 5.00 \$ 13.00 \$ 20.00 \$ 17.00 \$ 7.00 \$ 7.00 \$ 15.00 \$ 9.00 \$ 5.00			
Colored wood mulci NE Chesapeake SE Florida Iowa Minneapolis Texas Denver Northwest SF-Bay SoCal	\$ 22.00 \$ 20.50 \$ 19.00 \$ 16.00 \$ 25.00 \$ 27.00 \$ 20.67 \$ 17.66 \$ 22.00 \$ 21.00 \$ 22.50	High	\$ 22.00 \$ 19.00 \$ 15.00 \$ 16.00 \$ 25.00 \$ 19.00 \$ 14.00 \$ 22.00 \$ 19.00			
Bag Retail						
Compost (40# bag) NE Chesapeake SE lorida Cleveland Iowa Texas Denver Phoenix Northwest SoCal Composted cow mail	\$ 6.87 \$ 3.73 \$ 4.00 \$ 1.99 \$ 2.45 \$ 3.12 \$ 4.25 \$ 3.59 \$ 4.71 \$ 4.29 \$ 5.39	#igh \$ 8.00 \$ 5.49 \$ 4.00 \$ 1.99 \$ 7.99 \$ 6.99 \$ 4.75 \$ 5.99 \$ 6.25 Dag) Aver	\$ 4.50 \$ 2.15 \$ 4.00 \$ 2.10 \$ 1.50 \$ 1.73 \$ 2.77 \$ 2.99 \$ 3.90 age			
HighLow NE Chesapeake SE Florida Cleveland Iowa Minneapolis Texas Phoenix Northwest SF-Bay	\$ 6.53 \$ 5.97 \$ 5.16 \$ 1.98 \$ 3.27 \$ 2.18 \$ 3.70 \$ 4.59 \$ 2.99 \$ 7.00	\$ 9.87 \$ 6.97 \$ 1.99 \$ 3.99 \$ 7.00 \$ 6.99 \$ 3.99 \$ 7.00	\$ 3.85 \$ 3.39 \$ 3.34 \$ 1.97 \$ 2.49 \$ 1.75 \$ 1.99 \$ 2.49 \$ 7.00			

#### **Food scraps**

#### **Consortium**

From page 5

the consortium is launching two new platforms to engage directly with municipalities and composters across the country to support the scale-up of robust composting infrastructure:

The Composter Innovator Program aims to bring composters across the U.S. to the table to play an active role in shaping the future of the composting industry on topics like contamination, policy and funding food waste composting infrastructure. The collaborative said the group will take on important questions, including identifying the cost of processing compostable packaging and offering recommendations on how to allocate Extended Producer Responsibility funds to support composting infrastructure development.

The Municipal Partner Platform is a

free-to-access platform for city officials focused on sustainability, zero waste and waste management. The platform connects officials with leaders nationwide to share and discuss best practices in starting and expanding organics collection and infrastructure programs.

More information about the two available program are closedlooppartners.com/compostingconsortium.

#### Legislation/Regulation

# **Digesters**From page 1

by Assemblywoman Alixon Collazos-Gill (D-Montclair), Assemblyman Michael (R-Sparta) Inganamort and Assemblywoman Shavonda Sumter (D-Paterson) and referred to Assembly Environment, Natural Resources and Solid Waste Committee.

The bill defines "anaerobic digester" as a device that promotes the

decomposition of organic material into simple organics and gaseous biogas products, in the absence of elemental oxygen, by means of controlling temperature and volume, and that includes a methane recovery system. The bill defines "food waste" to mean food processing vegetative waste, food processing residue generated from processing and packaging operations, overripe produce, trimmings from food, food product over-runs from food processing, soiled and unrecyclable paper generated from food processing and used cooking fats, oil, and grease.

Food waste does not include food donated by the generator for human consumption, any waste generated by a consumer after the generator issues or sells food to the consumer.

The amount of the tax credit provided by the bill may not exceed the lesser of 50 percent of the costs incurred to develop and construct the anaerobic digestion

(See Digesters, page 8)



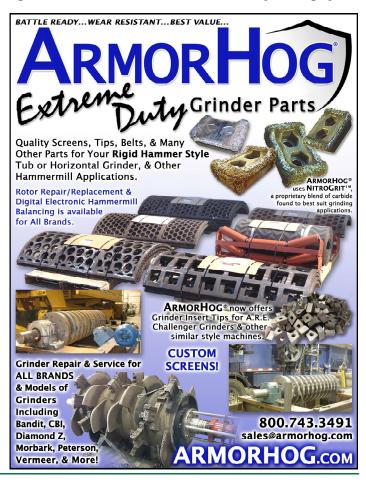
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#### **Legislation/Regulation**

#### **Digesters**

From page 7

facility or \$250,000. The bill would also limit the cumulative total of tax credits awarded pursuant to the bill to \$15 million.

To qualify for the tax credit an operator would be required to demonstrate that the anaerobic digestion facility was developed and constructed prior to applying for the tax credit.

The legislation notes that 30 to 40 percent of food in the U.S. is wasted. citing data from the U.S. Department of Agriculture. In 2017, nearly 41 million tons of food waste was generated and only 6.3 percent of that food waste was diverted from landfills and incinerators for composting. Anaerobic digestion is a valuable way to divert waste food waste from landfills, the legislation says. Food waste can be converted through anaerobic digestion to produce biogas, which can be used to generate heat and electricity, or can be injected into the natural gas pipeline. According to the New Jersev Department Environmental Protection, electricity produced from the combustion of biogas from food waste qualifies for Class I Renewable Energy Certificates from the New Jersey Board of Public Utilities.

The legislation notes that the U.S. EPA identifies three types of anaerobic digestion facilities that accept food waste: stand-alone food waste digesters, onfarm digesters that co-digest food waste and digesters at water resource recovery facilities that co-digest food waste.

A 2017-2018 report by the EPA concerning anaerobic digestion facilities that accept food waste in the U.S., reported that there are only four anaerobic digestion facilities that accept food waste in New Jersey.

#### **Acquisitions**

#### **Swap**

From page 1

our industrial customers and believe this move will service them better while allowing us to focus on the sustainable growth of biosolids with municipal customers in the Ozarks."

The companies said the transaction represents an important increase in compost capacity for their customers by sending more biosolids, food and green waste to beneficial use.

"We are pleased to have worked with Synagro on a mutually accretive transaction," said Todd Mathes, CEO, Denali. "While we remain committed to our municipal services in other markets, exiting the California biosolids market will allow us to prioritize our other organics activities in the state, such as food waste and used cooking oil recycling. Moreover, we are excited to further expand our capabilities in Arkansas and Missouri, where Denali has a strong legacy of service and sustainability."

Synagro processes organics from about 1,000 municipal, industrial water and wastewater facilities into compost and fertilizer pellets. Denali is an organic recycling company.

#### **Applications**

#### **Money**

From page 1

to a landfill," he said.

The path to compost begins with truckloads of currency rolling into the St. Louis Fed's main office and Memphis Branch for sorting. High-speed machines take the first pass and separate out bills that are damaged or soiled as well as those that could be counterfeits, which are examined by human handlers. The machines can process 40 notes per second, checking them for authenticity, thickness (which indicates age), soil, graffiti and tears.

The currency deemed unfit is fed to shredders in St. Louis or Memphis and cut up into strips the size of grass clippings. From there, it's moved into a dumpster-sized compactor and removed by St. Louis Composting or The Compost Fairy.

U.S. currency paper is made of 75% cotton and 25% linen, according to the Bureau of Engraving and Printing.

In the St. Louis area, St. Louis Composting hauls the compacted shredded money to its facilities in Belleville, Ill., St. Louis and Maryland Heights and Pacific, Missouri. Those facilities combine the shredded currency with food, trees, grass and other organic waste windrows, said Laura Gale, sustainability coordinator for St. Louis Composting.

"The shredded currency is a useful part of composting as it adds additional volume and material and a unique element that we do not get from any

(See Money, page 13)

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#### **Brown Bear Corp.**

www.brownbearcorp.com PO Box 29, 2248 Avenue of Industry Corning, IA 50841 Phone: 641.322.4220 Fax: 641.322.3527 YouTube: Brown Bear Corp Contact: Stan Brown sales@brownbearcorp.com



#### **SCARAB** International LLP

www.scarabmfq.com 1475 County Road W White Deer, TX 79097 Phone: 806-883-7621 Fax: 806-883-6804

YouTube: Scarab Manufacturing

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#### **Wood Grinders -**Horizontal



#### **Bandit Industries, Inc.**

www.banditchippers.com 6750 Millbrook Road Remus, MI 49340 Ph: 989-561-2270, 800-952-0178 Fax: 989-561-2273 YouTube: banditchippers Twitter: banditchippers Facebook:

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#### Diamond Z

www.diamondz.com 11299 Bass Lane Caldwell, ID 83605 Phone: 208-585-2929 Fax: 208-585-2112 YouTube: Diamond Z LinkedIn: DiamondZ Twitter: DZGrinders Facebook: Grindingsimplified Contact: Tristan Kruger tkruger@DiamondZ.com



#### DuraTech **Industries**

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### Grinder Crusher Screen

www.grindercrusherscreen.com 1772 Corn Road Smyrna, GA 30080 Phone: 770-433-2440 Fax: 770-433-2669 YouTube: GrinderCrusherScreen

Twitter: GCS Equipment Facebook: Grinder Crusher Screen Contact: Rick Cohen

rick@grindercrusherscreen.com



#### Hogzilla Grinders **CW Mill Equipment -**

www.hogzilla.com 14 Commerce Drive Sabetha, KS 66534 Phone: 800-743-3491 Phone: 785-284-3454 Fax: 785-284-3601 YouTube: CWMillHogZilla Facebook: HogZillaMonsterGrinders Instagram: HogZilla Monster Grinders Contact: Tim Wenger, VP, Sales Mgr.

hogzilla@cwmill.com



Featuring the industry's leading vendors. This listing of the industry's leading vendors of products, equipment and services essential to the compost manufacturing, wood recycling and organics management business also is available online at compostingnews.com. Scan the QR code with your mobile device to go there. If your business is not listed, please contact ken@compostingnews.com.





#### Rotochopper

www.rotochopper.com 217 West Street St. Martin, MN 56376 Phone: 320.548.3586 Fax: 320.548.3372

YouTube:

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#### **Wood Grinders -Horizontal** (cont.)



#### **West Salem** Machinery

www.westsalem.com P.O. Box 5288 665 Murlark Ave. NW Salem, OR 97304 Phone: 800.722.3530 Phone: 503.364.2213 Fax: 503.364.1398

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#### Morbark, LLC

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#### **Precision Husky** Corp.

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#### Wood Grinders -Tub



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#### **Hogzilla Grinders** CW Mill Equipment -

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#### **Applications**

#### **Money**

From page 8

other customer," Gale said.

Three to six months later, depending on conditions and the material inside the windrows, a rich, dark soil amendment for gardens and landscapes results. St. Louis Composting and the Missouri Botanical Garden sell bags of the resulting compost, named "Black Gold," to individual customers. Commercial customers like lawn care companies buy compost in bulk for landscaping uses. The Black Gold Compost is the company's most popular seller, said Sarah Wilcox, marketing manager at St. Louis Composting. As a result, shredded currency from the St. Louis Fed is enriching gardens and landscapes in a 150-mile radius around the St. Louis region, Gale said.

The author is the media relations coordinator in the St. Louis Fed's External Engagement and Corporate Communications Division.

#### **Grants**

# EPA announces food waste grants

he U.S. EPA this month announced \$117 million for three separate funding opportunities to advance recycling infrastructure and boost food waste prevention education across the country.

Two of the notices are for Solid Waste Infrastructure for Recycling grants—one funding opportunity for tribes and intertribal consortia and the other for cities, counties and parishes across the U.S.

The third notice is for EPA's Recycling Education and Outreach grant program and is focused on food waste prevention and composting. The grants are funded by the Infrastructure Investment and Jobs Act of 2021.

EPA said some communities that lack waste management infrastructure do not have curbside waste collection services, recycling or composting programs, which increases the strain on local waste management systems and increases greenhouse gas emissions. The grant opportunities aim to improve waste management systems and consumer education and outreach on waste prevention and recycling, meeting Congress' goal to create a stronger, more resilient and cost-effective U.S. recycling system, EPA said. The grants also put the concrete steps identified in the National Strategy for Reducing Food Loss and Waste and Recycling Organics into action, the agency said, adding that the "projects that EPA will fund under the Recycling Education and Outreach grant selection—including a national education and outreach campaign—will lead to more recycling through composting, less wasted food from

households, better markets for selling compost and less contamination in the compost stream. Projects funded through the Solid Waste Infrastructure for Recycling grants will improve post-consumer materials management and infrastructure."

The recycling funding for tribes and intertribal consortia will provide about \$20 million total in awards ranging from \$100,000 to \$1.5 million each. The recycling funding for communities will provide about \$58 million total in awards ranging from \$500,000 to \$5 million each. This includes projects that will improve collection, transport, systems and processes related to post-use materials that can be recovered, reused, recycled, repaired, refurbished or composted.

The funding for the Recycling Education and Outreach (REO) Grant Program will provide about \$39 million for one award. EPA seeks coalition applications that include the following elements:

- a project to develop and implement a national consumer wasted food reduction campaign;
- a project that will increase the market for and sales of compost; and
- a project that will increase education and outreach to households on composting. Applicants must demonstrate they will sub-award a portion of the total award to implement education and outreach activities locally, which will benefit local communities.

More details about the programs are available at tinyurl.com/2s36xmfe.



#### **Programs**

# Boise launches food waste pilot

he city of Boise, Idaho said it is piloting a new food waste collection program for residents without curbside compost collection. The program enables residents who live in apartments, condos and other multifamily communities to participate in the city's compost program.

Eligible residents can register to use two food scrap drop-off locations.

"Keeping food waste out of the landfill is one of the most impactful individual actions Boiseans can take to shrink their environmental footprint," said Lisa Knapp, environmental analyst for the city's Curb It Compost program. "We're thrilled to expand the compost program to include more residents and empower all Boiseans to keep their food waste out of the landfill."

The city's 2021 waste stream analysis found that food waste made up about 25% of the landfill-bound material from multi-family housing.

# Private food waste collection starts in Gainesville

-Town Compost, of Orlando, said it has launched a food waste collection service in Gainesville, Florida. As a food waste collector registered with the city of Gainesville, O-Town will offer commercial establishments and multi-family properties the service needed for them to comply with the city's food waste ordinances passed in July 2022, the company said.

"Diverting food waste for composting instead of disposal in the landfill is a significant part of the city of Gainesville's zero waste initiative," said Richard Devereaux, O-Town's general manager for Gainesville. "Our mission is to reduce

the amount of food waste going to the landfill and make nutrient-rich compost to support this community and its local food systems."

O-Town said it expects to begin distribution of its collection bins to its commercial establishment and multifamily property partners beginning in October, with regular collection routes scheduled to commence immediately thereafter. The food waste that O-Town collects will be transported to Gaston Mulch & Soil's Gainesville composting site for processing into a soil amendment.

O-Town was founded in 2020 by Charlie Pioli, in Orlando. Since then, the company has diverted nearly 2,500 tons of food waste from the landfill, serving 1,000 businesses and residents, the company said. Gaston Mulch & Soil and O-Town currently collaborate in Orange County, Florida to compost 150 tons of food waste per month from the Orlando area.



• In the wake of the shutdown of the onlylarge scale organic-waste processing program on <u>Martha's Vineyard</u>, <u>Massachusetts</u> local stakeholders are crafting a plan for the development of a new industrial-size composting facility.

The Martha's Vineyard Organics Recovery Committee, consisting of local municipal authorities, solid waste experts and other stakeholders for the island's waste and disposal services, is working on short-term solutions with the recent loss of a composting operation in Vineyard Haven.

Members have hopes of building a new processing facility in Edgartown that will be capable of handling more than 1,000 pounds of food waste annually.

The group has a promising location in mind but are not ready to publicly reveal the specific area, worried that it could impact plans.

In the short term, the committee is exploring ways to deploy food waste handling technologies more quickly in order to maintain the momentum created from a food composting pilot program that worked in conjunction with Bruno's Rolloff, the Island's primary waste management facility. The pilot program, which processed over three million tons of food waste on Island Grown Initiative's farm in Vineyard Haven, demonstrated the feasibility and need, but the old in-drum food processing machine couldn't keep up with the continuously growing demand and constantly found new ways to break down. It was forced to halt operations on Sept. 1.—The Martha's Vineyard Times, mvtimes.com

• Austin, Texas residents who live in apartments and condos will soon have a new collection container to use. Beginning October 1, the Austin city government will require multifamily communities such as apartment buildings with five or more units to provide residents and employees with convenient access to composting collection services.

The composting containers are part of Austin's Zero Waste initiative that aims to reduce the amount of trash while recycling and composting the rest.

The properties will be required to provide one gallon of composting capacity per residential unit with weekly collection and no overflowing containers. The containers must accept composting materials including food scraps, foodsoiled paper and BPI-certified compostable products.

While the composting requirements already match existing recycling requirements, properties will still be required to teach residents and employees about the composting plan. A composting plan must be submitted to the city every year and all signs and labels must be in at least two languages on all containers.

A study by the city found that about 85% of landfill waste was generated by the commercial and multifamily sectors in Austin. About 37% of the material sent to the landfill was compostable.— *KVUE-TV*, *kvue.com*.

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