

Composting in Kansas City

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Transportation, Infrastructure, and Operations Committee
September 24, 2024



Ordinances to be Discussed Today:

- **Ordinance No. 240718**
 - \$52,292.00 grant from MARC to pilot waste diversion at city-permitted events
- **Ordinance No. 240716**
 - \$300,000 grant from US Dept of Agriculture to fund new 10 drop-off spots for organic waste

Composting Vision

- Inclusion of composting as a conscious, default choice
 - Composting options at municipal buildings
 - Back-of-house vendor at MCI (pilot), City Hall, Health, Water Admin, Parks & Recreation HQ, Aviation Admin, Community Centers, Fire
- Expand composting/recycling to city-permitted events
- Support backyard composting through education and bin giveaway
- Long Term Planning: Policy and Infrastructure

Climate Protection & Resiliency Plan

- **W-1.5:** Promote waste reduction and diversion programs and advocacy
- **W-1.6:** Provide more neighborhood and community composting sites
- **W-1.9:** Establish requirements for waste diversion at all City-permitted events
- **W-2.1:** Expand and promote small- and large-scale composting throughout Kansas City

Composting at Events: Ordinance No. 240718

Accepting and approving \$52,292.00 grant award from the MARC Solid Waste Management District Grant Program to pilot waste diversion at city-permitted events; estimating and appropriating \$52,292.00 in the General Grants Fund; and recognizing this ordinance as having an accelerated effective date.

Composting at Events: Metrics for Success

- Provide waste diversion services (recycling & composting) for **12** City-permitted events (2 in each Council District) over the 1-year grant term
- Divert approximately **12 tons** of waste from the landfill
- Collect **survey data** from event organizers, attendees, and workers to identify barriers and opportunities
- Inform future City-permitted event waste diversion policies

Composting at Events: Parks Pilot Success

- The Parks & Recreation Department was asked to assist the Kansas City Ethnic Enrichment Festival in providing waste diversion throughout the event for the past 2 years
- Waste diversion at more city-permitted events will allow access into new audiences for the purpose of community education in addition to diverting waste from landfills

2024 ETHNIC ENRICHMENT FESTIVAL

Waste Diversion



Drop-Off Spots: Ordinance No. 240716

Accepting and approving a grant from the U.S. Department of Agriculture to provide funding for additional Kansas City drop off spots; estimating revenues and appropriating funds in the amount of \$300,000 to the General Grants Fund; and designating requisitioning authority.

Drop-Off Spots: Metrics for Success

- **Education and Outreach:** Collaborate with communities to support at-home composting; 1,000 participants will receive compost kits
- **Community Compost Centers:** 10 Kansas City Neighborhood Compost sites will be installed to provide free compost drop-off
- **Processing:** MO Organics will collect food waste from the 10 sites three times a week and process into compost
- **Distribution:** 1,000 yards of compost produced will be donated to GYRL and Kansas City Community Gardens

10 Active Compost Program Locations



KCFD Station 19
550 W 43rd Street



Westport Roanoke Community Center
3601 Roanoke Road



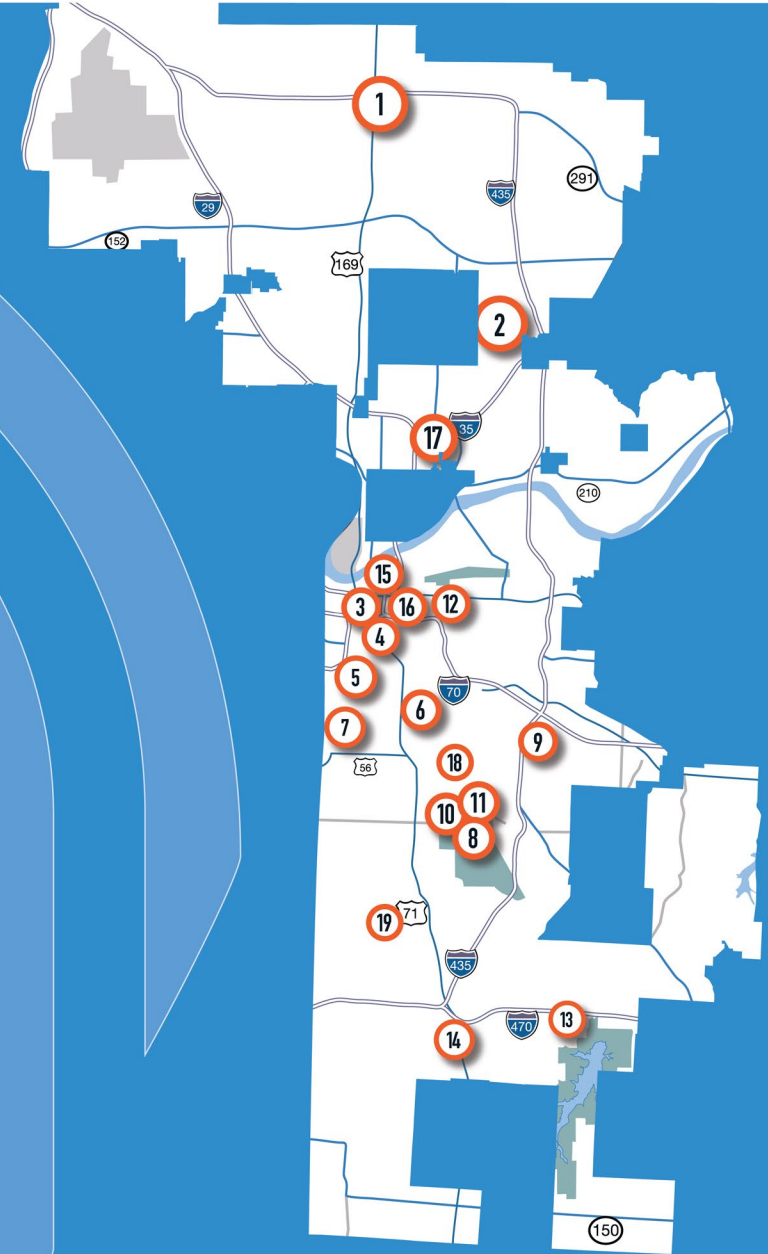
Red Bridge Road Recycling Drop-Off
East Red Bridge Road & US-71

DROP YOUR COMPOST OFF AT THESE LOCATIONS



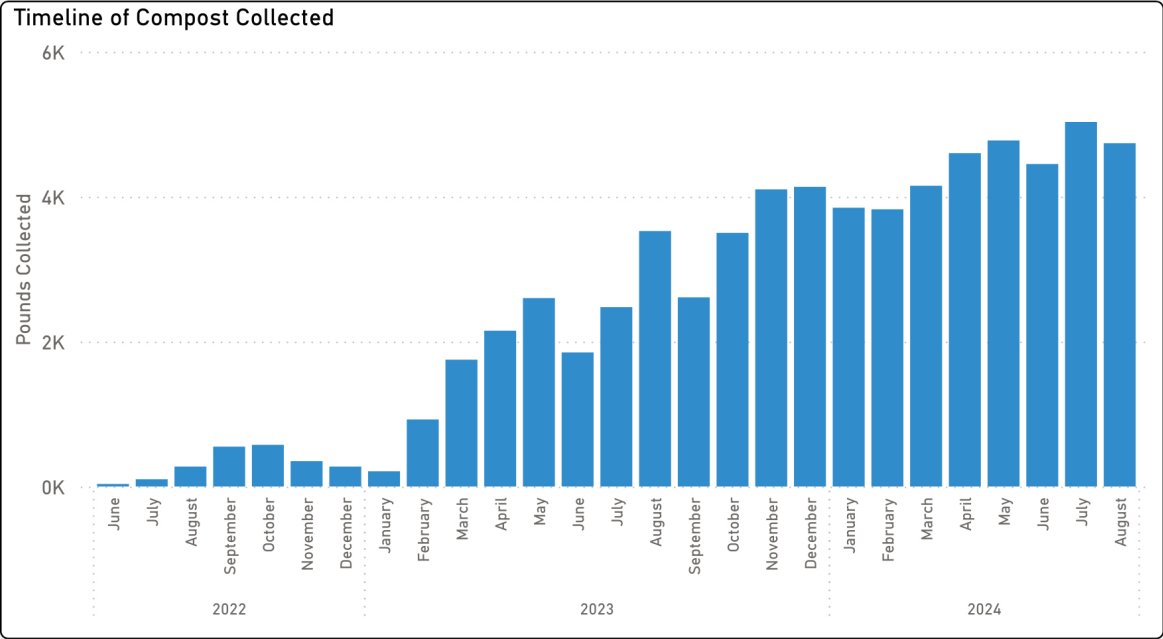
- 1 NORTH MAIN STREET LEAF & BRUSH DROP OFF:
11660 N MAIN ST
- 2 KANSAS CITY RECYCLING DROP-OFF CENTER:
5400 NE PLEASANT VALLEY RD
- 3 *THE WOLFE GARAGE: 11TH AND OAK
- 4 *HEALTH DEPT: 2400 TROOST AVE
- 5 ROANOKE COMMUNITY CENTER:
3601 ROANOKE RD
- 6 G.Y.R.L. COMMUNITY GARDEN:
3839 CHESTNUT AVE - OPENING SOON!
- 7 *KCFD STATION 19: 550 W 43RD ST
- 8 KC COMMUNITY GARDENS SWOPE PARK
6917 KENSINGTON AVE - OPENING SOON!
- 9 EASTWOOD HILLS COMMUNITY GARDEN:
8100 OZARK RD - OPENING SOON!
- 10 *PARKS & REC HQ: 4600 E 63RD ST
- 11 *KC WATER ADMIN: 4800 E 63RD ST
- 12 FREEWAY PARK COMMUNITY GARDEN
1402 INDIANA AVE - OPENING SOON!
- 13 RAYTOWN RD LEAF & BRUSH DROP OFF:
10301 RAYTOWN RD
- 14 RED BRIDGE ROAD RECYCLING DROP OFF:
5200 E RED BRIDGE RD
- 15 RIVER MARKET:
400 GRAND BLVD - OPENING SOON!
- 16 GREGG/KLICE COMMUNITY CENTER:
1600 JOHN BUCK O'NEIL WAY - OPENING SOON!
- 17 KC NORTH COMMUNITY CENTER:
3930 N.E. ANTIOCH RD - OPENING SOON!
- 18 MARY WILLIAMS NEAL COMMUNITY CENTER:
3801 EMANUEL CLEAVER II BLVD - OPENING SOON!
- 19 MARLBOROUGH COMMUNITY CENTER:
8200 THE PASEO - OPENING SOON!

*** BPI CERTIFIED BAG NEEDED AT THESE LOCATIONS.**



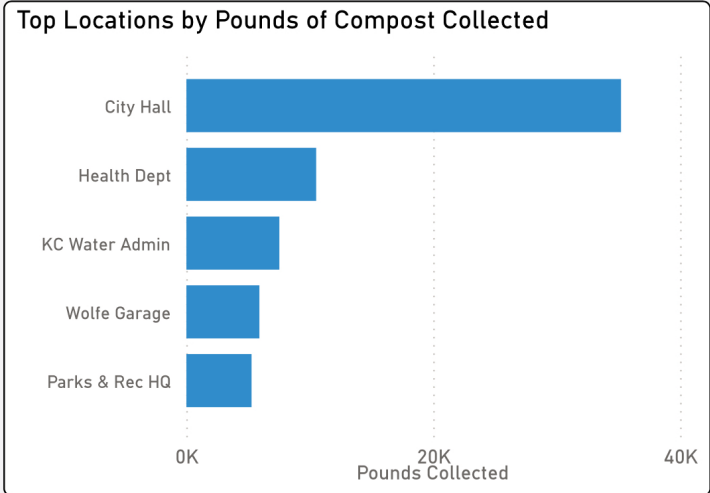
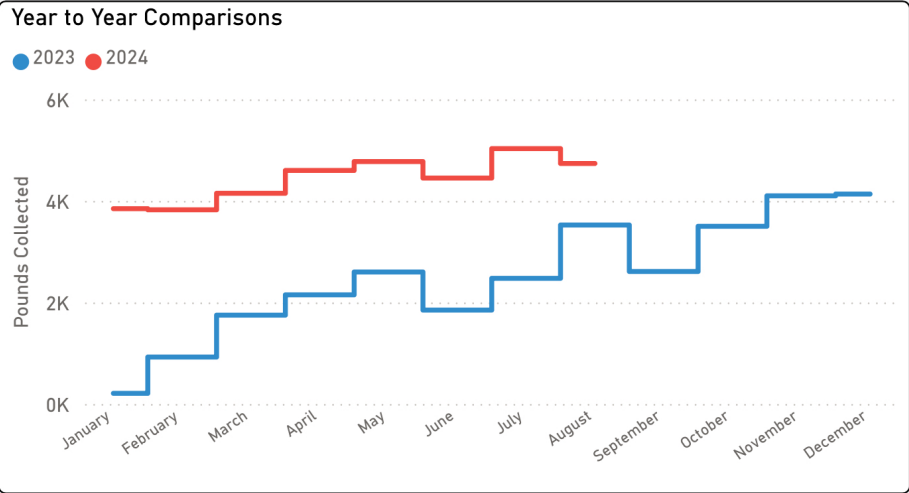


<p>Pounds of Compost Collected</p> <p>67,404</p>	<p>Avg Weight per Collection</p> <p>135.35</p>
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Filter by Location

- Aviation HQ
- City Hall
- Fire Station #19
- Health Dept
- KC Water Admin



Questions?

Composting Program Objectives

1. Reduce Cost Barriers

Currently, residents have two options to divert food waste: home composting or a paid subscription. Costs range from \$12.99 for drop-off services to \$27.50 for curbside pick-up. Our program will provide *free drop off spots*. This, along with education will make composting accessible to people of all incomes.

2. Divert Food Waste from Landfills

Conservative estimates project our drop-off spots will accept 250 pounds of food waste per site weekly, for a total of 5,000 pounds of food waste weekly. This will divert roughly 100 tons of food waste from local landfills annually. Event waste diversion will only increase these values.

Composting Objectives

3. Limit the Use of Fertilizer

Outreach and education programs will teach communities what to compost, how to generate compost at home, and how to use that compost in place of chemical fertilizers.

4. Encourage Responsible Waste Management

Removing organic waste reduces the tonnage and tipping fees at landfills. This also reduces methane emissions that contribute to greenhouse gas emissions that are a cause of climate change.

5. Increase Rainwater Absorption and Improve Soil Quality

The compost produced will assist local agricultural businesses, landscapers, urban gardeners, and the City of Kansas City. This reduces irrigation needs and will improve the dynamics of the soil, including water filtration, percolation and water holding capacity.