

Glass Recycling: Prairie Village Pilot Program



GlassBandit





Is this you?

Who is GlassBandit?

MISSION: make glass recycling convenient and affordable



- Founded in **2014** by Jamie Arnold
- Provides Commercial and Residential **Curbside Glass Recycling**
- Serving **>2,000** accounts in Greater KC Area
- 2 Trucks in operation
- 4 drivers
- Name Your Own Price – **Social Enterprise**

In 2018, we diverted over 250 tons of glass from the landfills



Winner of 2019 Regnier Venture Creation Challenge Social Impact Award

Why recycle glass?

Recycling glass has both **environmental** and **economical** benefits

- Container glass is endlessly recyclable
- Conserve natural resources and material costs
- Save energy
- Reduce landfill waste/costs

Why GlassBandit?

- Convenience and accessibility
- Saves time and gas
- Affordable
- Customer-centric approach
- **SAFETY**

Glass Bandit & Prairie Village

Current Engagement

**Prairie
Village**

- 138 Customers
- Average Price = \$6 per month
- Pickup coordinated with trash day every other week

Trash Day	Monday	Tuesday	Wednesday	Thursday	Friday
Customers	23	22	32	43	18

Sponsored Programs



City of Mission Woods

Partners Since: March 2015

Size: 80 homes

Participation Rate: ~85% residents are using the service

Usage Rate: ~35% resident participation per pickup

KCMO Neighborhood

Partners Since: March 2019

Size: 110 homes

Participation Rate: ~85% residents are using the service

Usage Rate: ~40% resident participation per pickup

Pilot Program Proposal

Roll Out Strategy

- Roll out to 100-125 neighboring homes
 - Ward 1 (Monday)
 - Ward 3 (Wednesday)
- GlassBandit will provide each residence with an 18 Gallon Yellow Bin and communication on the service
- Additional Communication (initial rollout) to be provided by the City

Program

- \$2 per home per month billed to Prairie Village
- Pickup runs every other trash day
- Customer service managed by GlassBandit
- Recommended to run for 6 months
- GlassBandit to provide monthly updates including usage data and route feedback

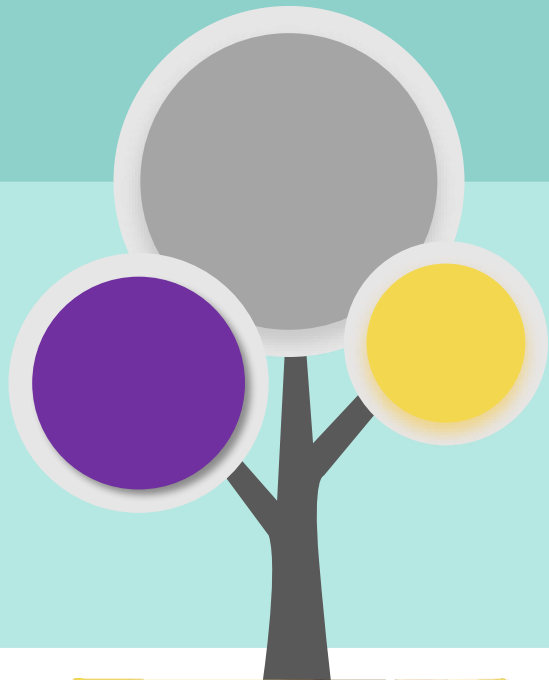


Beyond the Pilot

What would full partnership look like between GlassBandit and Prairie Village?

- Repeat Pilot Program Logistics (18-gallon bin provided, pickup every other trash day, \$2 per home per month cost)
- GlassBandit provides services for 4 events per calendar year (glass pickup, guest speaker at school, etc.)
- GlassBandit provides email reminders for opted in residents
- GlassBandit manages customer support
- Residents get free listing in Yellow Bin Pages (local business directory for GB customers)

Questions?



GlassBandit

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Compost

C O L L E C T I V E K C

CURBSIDE COMPOSTING

Compost Collective KC : Process



PV resident fills bucket with food scraps (even meat + dairy + paper towels + pizza boxes!)



We swing by and:

1. Collect the scraps
2. Clean the bucket and lid
3. Replace the compostable liner



We haul the scraps to a farm or MO Organic to be turned into nutrient-dense soil



Why composting is
important?

~90 billion
pounds of
food is
wasted in the
US per year –
that's 123x
the weight of
the Empire
State building



Why composting is
important?

OR

Enough food
to fill the Rose
Bowl in
Pasadena –
EVERY DAY

That's 365
Rose Bowls
per year



Why composting is
important?

Food waste
results in 8%
of global
greenhouse
gas emissions
– 6x greater
than the
aviation
sector



Why composting is
important?

That's bad
because:

Food waste in
landfills emits
methane
which is 28x
more harmful
than CO₂ from
compost



Why composting is important?

Of the top 100 most impactful carbon drawdown solutions,

Food waste reduction is #3

Compost is #60



What can Prairie Village do about it?

43% of that wasted food comes from households



What can Prairie Village do
about it?

Based on
average
usage, PV has
potential to
divert

**2.2 million
pounds
per year**



Why CCKC?

- Family run
- Highly responsive to customer outreach
- Household / community education
- Environmental focus throughout: paperless, route efficiency, limit shipping, etc.
- Focus on scalable process
- Clean & convenient for customers
- Focus on residential customers
- Accept meat, dairy, shellfish, paper towels, used pizza boxes, and anything labeled 'compostable at an industrial facility'

Prairie Village Pilot Proposal

WEEKLY
COLLECTION:
\$17 / month

BI-WEEKLY
COLLECTION:
\$10 / month

+

Initial \$8 bucket deposit per household

DETAILS:

- Rollout to 100 homes (Ward 1 + Ward 3)
- Collection on set day of week (tbd.)
- CCKC to provide reminder emails for residents
- CCKC to address all resident concerns and issues
- CCKC to provide monthly updates on service to Prairie Village