

Options for Creating a Sustainable Solid Waste Program



Public Works Division: Solid Waste Management

Solid Waste Plan Goals

- Assure customer has reliable, consistent, and timely curbside trash service.
- Establish specified date for collection of curbside trash.
- Educate customers on City ordinances.
- Establish a sustainable fee structure.
- Encourage sustainable waste diversion.
- Comply with State diversion mandates.

Council Discussion April 11th

- Customers may be willing to pay more for higher level of service.
- If rates are increased, what will customers receive in return?
- Customers want to know when curbside trash will be collected... How long will debris stay at the curb?
- How will the department/contractor be held accountable for performance?
- What are the long-term impacts to the City's solid waste system?

Fee Comparison

	Memphis	Germantown	Louisville	Montgomery	OKC	Collierville	Bartlett	Jackson, MS
Population	650,000	40,000	253,000	200,000	620,000	49,000	58,000	171,000
Median Income	\$32,000	\$112,000	\$45,000	\$42,000	\$47,004	\$107,000	\$80,240	\$33,000
Soild Waste Fee	\$22.80	\$29.00	\$25.25	\$25.00	\$21.14	\$22.00	\$25.00	\$20.80
Trash Service	21 day	weekly	3x year	6x year	Monthly	Weekly	Weekly	Bi monthly
Limits	None	1o yards	Yes	Yes	4 yards	10 yards	6 yards	Yes
PAYT	Yes, for certain Code Violations	Yes for amounts over 10 yards	TBD	TBD	\$10.83 per yard for greater than 4 cubic yard	\$80.00 per load in excess of 10 yards	No recycling. Special fee for large amounts, \$25 per appliance	Yes for any item not in compliance there is an hourly fee. No appliances.

Current Solid Waste Service

- Current service fee \$22.80:
 - Guaranteed weekly garbage and recycle cart pickup;
 - Curbside trash is provided, but no guaranteed service delivery date;
 - Curbside service level goal is set to 21 days.
- No drop-off locations other than landfills.
- Unaccepted waste*:
 - Remodeling debris;
 - Contractor debris;
 - Oversized tree debris.
- No collection without MLGW payment.

***Note:** The Department is tasked with collection of code violations, customers are charged a special fee for collection of these items.

Comparison of Options

	Option 1: Everything in Cart	Option 2: Scheduled Curbside Collection	Option 3: Monthly Curbside Collection	Option 4: Weekly Curbside Collection
Brief Description	Any waste outside carts is Pay as your throw or code violation subject to fees	Must request & schedule collection, >8 yd ³	Once per month, >8 yd ³	On collection day (Once per week), >8 yd ³
Collections/year	0	Up to 4	12	52
Monthly Service Rate	\$22.80	\$25.05	\$28.05	\$32.80
Proposed fee increase	\$0	\$2.25	\$5.25	\$10.00
Service Level (Days)	Collection day with \$5 fee paid for 3 rd trash cart.	Within 7 days of call – customer given 3 day window	During designated week	Collection day
Citizen Drop Off Center	Yes	Yes	Only Landfill	Only Landfill
Projected demand/satisfaction	10%	80%	90%	100%

Option 1: Everything in Cart

What this means to the Customer

- **No fee increase** – The cost would stay the same. Customers who want regular trash service would need to lease a 3rd cart for \$5.00
- **Drop-off locations** – Centers would provide a way for customers to dispose of additional trash – Monday through Saturday.
- **Predictable service** – All carts are serviced on collection day.
- **Cleaner neighborhoods** – Neighborhoods have the potential to become cleaner because all trash must be contained and can only be presented on collection day.
- **Additional Waste Collection**– Pay as you throw or increased Code policing for violations of City ordinance.

Option 2: Scheduled Curbside Collection

What this means to the Customer

- **Minimal fee increase** – \$2.25 per month.
- **Scheduled collection** – Customer schedules collection via phone or internet. Collection date tailored to the customer's request.
- **Drop-off locations** – Centers would provide a way for customers to dispose of additional trash – Monday through Saturday.
- **Improved service** – Service level agreement improved from 21 days to 7 days.
- **Cleaner neighborhoods** – Neighborhoods have the potential to become cleaner because customers may not place trash at the curb unless it is scheduled for collection.
- **Additional Waste Collection**– Pay as you throw or increased Code policing for violations of City ordinance.

Option 3: Monthly Curbside Collection

What this means to the Customer

- **Moderate fee increase** – \$5.25 per month.
- **Scheduled collection** – Collection date assigned for monthly collection.
- **Cleaner neighborhoods** – Neighborhoods have the potential to become cleaner because customers may not place trash at the curb unless it is their designated collection week.
- **Additional Waste Collection**– Pay as you throw or increased Code policing for violations of City ordinance.

Option 4: Weekly Curbside Collection

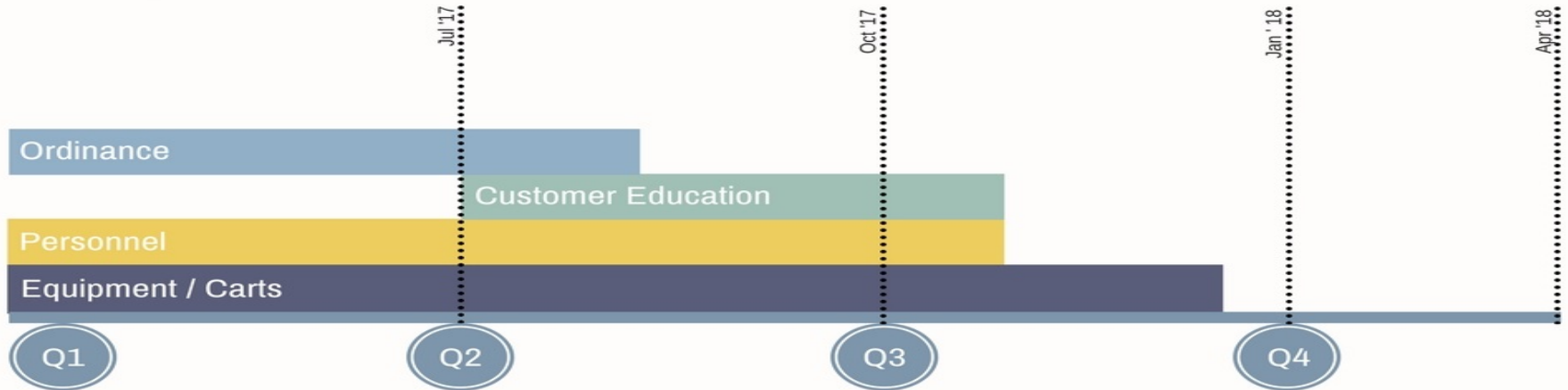
Impact to the Customer

- **Substantial fee increase** - \$10 per month.
- **Scheduled collection** – Collection day assigned for weekly collection. Most predictable service.
- **Cleaner neighborhoods** – Neighborhoods have the potential to become cleaner because customers may not place trash at the curb unless it is their designated collection day.
- **Additional Waste Collection**– Pay as you throw or increased policing for violations of City ordinance.

Implementation Schedules

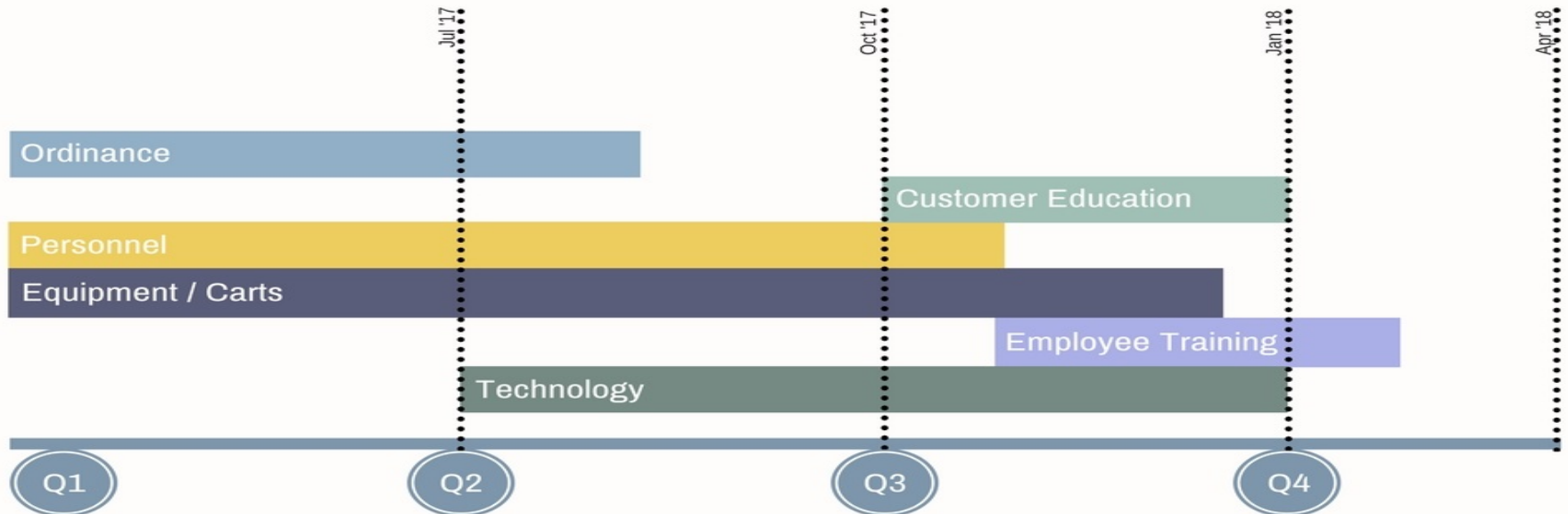
Option 1:

Everything in the Cart



Option 2:

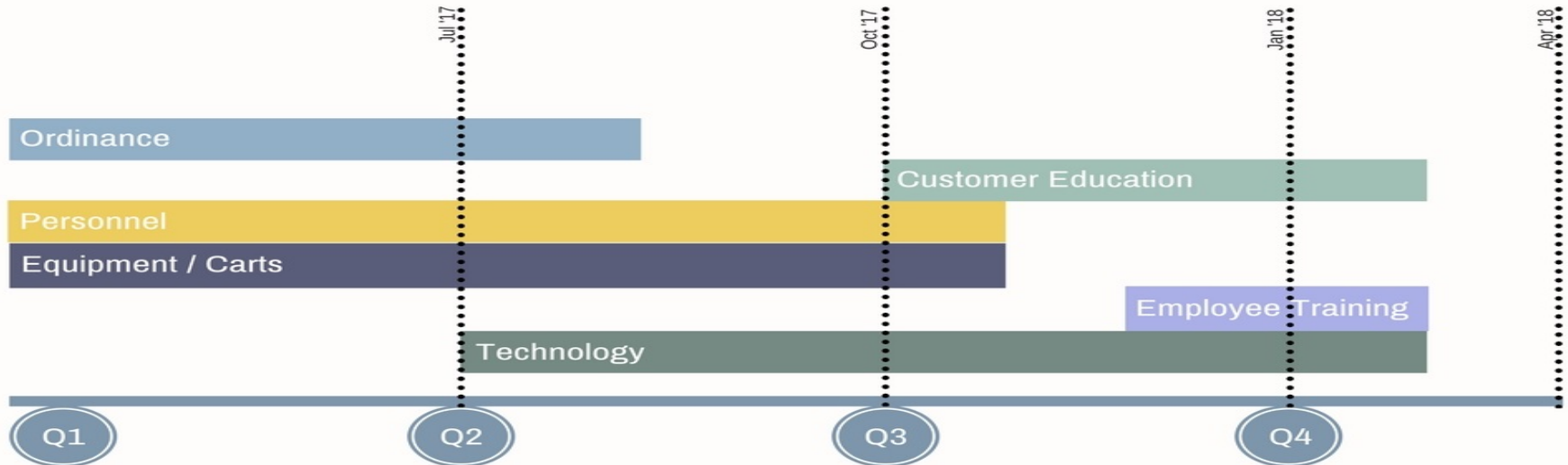
Scheduled Collection



Implementation Schedules

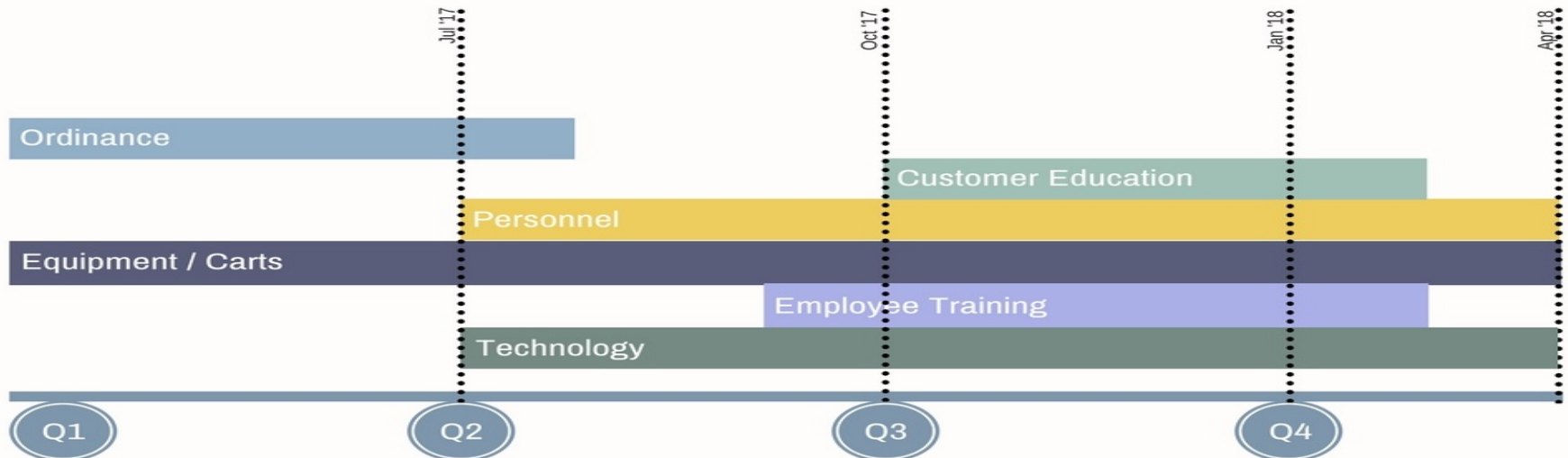
Option 3:

Monthly Collection



Option 4:

Weekly Collection



TDEC's 2025 Plan

- TDEC mandates Solid Collections statewide
- Update goals and measure progress toward waste reduction
- Increase access and participation for recycling
- Enhance processing and end markets for waste
- Increase diversion of organic waste
- Support new waste diversion technology
- Expand and focus education and outreach
- Ensure sufficient and environmentally sound disposal
- Develop sustainable funding source for materials management

Sustainable Materials Management

- Changes in customer behavior and/or City diversion will be required for compliance
- Waste reduction – Customers will need to reduce the amount of waste they generate (Option 1)
- Waste diversion – City will need to improve its diversion of waste from landfills (Options 2-4)
- Scheduled collection allows customers to describe waste to the City so it can be delivered to appropriate diversion/disposal facility
- Recycling solid waste can create as many as 6 times as many jobs as disposal.

At the end of this process our goal is establish a guaranteed service level

- Whether that is a trash cart or an 8 cubic yard weekly collection
- Customers will know that they now have a set trash collection schedule unlike know where there is 21 day SLA
- Every option will require some time to implement and make effective
- Performance will be tracked and reported on. Our goal is to perform at the same level as Garbage and Recycling cart service which is >99% on time delivery
- **Thank you Council for your partnership!**

Public Works Division, Solid Waste Management Department appreciates your feedback on this important issue.