

Austin Resource Recovery On-Call Bulk Collection Pilot Update





Purpose

- Part of ARR's Master Plan
- Divert additional materials from the landfill
- Customer Convenience
- Potential cost reduction



Background

Route 23:

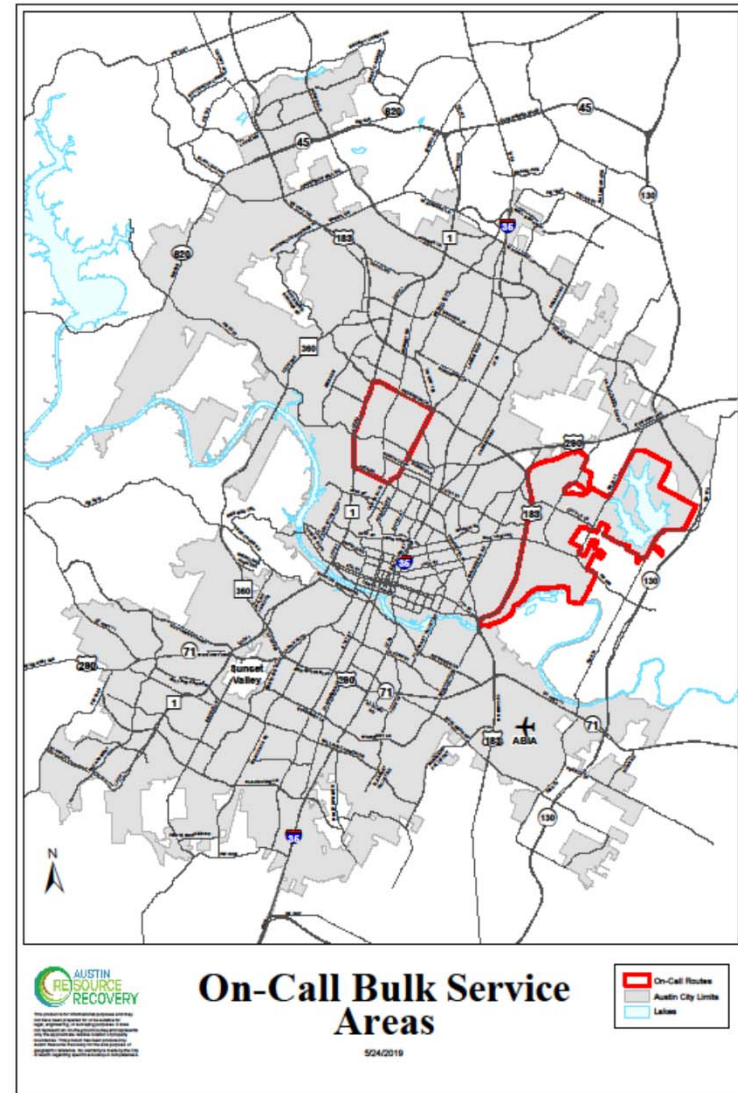
8100 homes

Densely populated

Route 9:

3900 homes

Covers a larger area





Background

- Timeframe: April 2018-December 2018
- Customers able to request up to three collections during pilot
- Collections scheduled Monday-Thursday
- No changes in materials accepted; focused diversion on:
 - Appliances
 - Electronics
 - Metals
 - Tires



Tonnages and Revenue April 2018 - December 2018

Tonnages of Materials by Route:

	Bulk (in tons)	Metals (in tons)	Appliances (in tons)	Electronics (in tons)	Tires (in tons)	Percent Diverted
Route 23	158.36	15.55	5.91	0.19	1.60	12.79%
Route 9	116.46	3.53	2.81	0.60	2.77	7.70%
Total	274.82	19.08	8.72	0.79	4.36	10.70%

Quantity of Materials by Route:

	Appliances	Electronics	Tires
Route 23	74	12	110
Route 9	38	39	191
Total	112	51	301

Approximate Total Revenue (metals only): \$1900



Benefits and Challenges

Benefits

- Scheduling flexibility
- Increased service levels

Challenges

- Customers set out items not requested for collection
- Scheduling collections



City-wide Expansion Feasibility

- To determine feasibility of city-wide program, staff evaluated:
 - Staffing levels
 - Carbon Footprint and Mileage
 - Tonnages
 - Costs
 - Customer Input



Expansion Feasibility Results

- No staffing level increase
- Carbon Footprint: 42 Metric Tons avoided; equivalent of nine passenger cars
- Tonnages: comparable to current program with increased tonnages of recyclables

	Tons of Bulk Landfilled	Tons of Bulk Recycled	Total Tons Collected	Percent Diverted
FY 18	10072	194	10266	1.89%
City-Wide On Call Projections	9436	593	10029	5.91%

- Projected costs savings of approximately \$800,000 over current program



Survey-Summary

- Survey shared with both routes
- About 1600 responses received
- Questions included awareness, collection preference
- Results: On-Call bulk is preferred model in both areas



Next Steps

- Pilot has been extended to allow for Vehicle Fleet Technology Upgrade (VFTU) project finalization
- Review survey information and make recommendations

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Litter Abatement

