



**To:** Zero Waste Advisory Commission

**From:** Ken Snipes  
Director  
Austin Resource Recovery

**Date:** June 8th, 2022

**Subject:** Director's Monthly Report to the Zero Waste Advisory Commission

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### **Brush Collection**

Austin Resource Recovery (ARR) provides brush collection twice per year. Postcards are mailed several weeks in advance informing customers of the collection date. All brush debris is hauled to Hornsby Bend where it is processed into mulch and used to make Dillo Dirt for Austin Water. Staff is currently working on an On-Call Pilot for brush collection scheduled to begin in August 2022.

### **Bulk Collection: Scheduled and On-Call**

Austin Resource Recovery provides bulk collection twice per year. Postcards are mailed several weeks in advance informing customers of the collection date. Customers separate items into three piles: bulk, metal items, and tires. ARR collects the material over a week and recyclable materials including appliances, electronics, and metals are scavenged before crews can capture and divert them. ARR is currently only able to divert tires for recycling and the remaining bulk materials are landfilled.

On-Call Bulk Collection: customers can schedule up to three collections per year by contacting Austin 311 or scheduling through the ReCollect app. Customers set out items in three piles: bulk, metal items, and tires. ARR can recover more items for recycling on on-call routes due to reduced scavenging. The remaining bulk items are landfilled. ARR is developing plans for a city-wide expansion of on-call bulk collection. The anticipated rollout is late 2023.

### **Emergency Brush and Bulk Collection Contract Overview**

ARR executed an emergency contract with DRC Emergency Services to reinstate brush and bulk collection while ARR continues to fill vacant driver positions. Collection of these materials resumed on May 2<sup>nd</sup>, while on-call bulk collection resumed on April 25<sup>th</sup> using ARR staff.

DRC is providing labor, equipment, maintenance, and fuel costs to collect materials. Spending authority is in place for up to \$1.1 million, which includes disposal costs. The contractor will assist with collections through the end of June.

ARR is diverting metals, appliances, electronics, and tires from all bulk routes with DRC providing a collection of landfill items. All brush is transported to Hornsby Bend for processing.

During Winter Storm Uri, ARR also contracted with DRC and Tetra Tech to assist with cleanup. DRC provided debris collection and Tetra Tech provided monitoring services, which is a requirement for potential Federal Emergency Management Agency (FEMA) reimbursement. The timeframe for this assistance was April 8 - May 6, 2021, at a cost of approximately \$550,000 for both contractors.

ARR is currently developing a solicitation for supplemental brush and bulk collection that can be utilized in the future to help prevent suspension of services. The future contract would include opportunities for diversion similar to the current on-call bulk collection program.



ARR Solicitations Update  
As of May 17, 2022  
ZWAC Meeting June 8, 2022

**Upcoming Solicitations and Agreements Under Development (in alphabetical order):**

1. Household Hazardous Waste and Recycling Collection Services: ILA – The City will provide household hazardous waste, recycling, and other collection services for Travis County households located outside the incorporated limits of the city.
2. Mattress Recycling Program: RFP – The Contractor shall develop and implement a mattress and box spring collection and recycling program. No existing contract.
3. Sale of Trash Carts and Materials for Recycling: IFB – The Contractor shall purchase, transport, and recycle trash carts and materials including carts, lids, and wheels that the City of Austin deems no longer usable.

**Solicitations Expected to be Posted Within the Next 90 Days:**

No Updates

**Published Solicitations:**

No Updates

**Solicitations in Evaluation or Negotiation:**

1. Solid Waste Industry Consulting Services: [RFQS 1500 JTH4011REBID](#) - This solicitation was posted on March 07, 2022, and closed on April 14, 2022. The Consultants shall provide professional solid waste industry consulting services, including delivering industry knowledge, technical advice, and recommendations related to the solid waste industry on an as-needed basis. No existing contract.
2. Vehicle Wrap and Installation Services: [IFB 1500 AMA1069](#) – This solicitation was posted on January 31, 2022, and closed on March 22, 2022. The Contractors shall provide vehicle wrap and installation services on various vehicles. No existing contract.

**Definitions:**

CCO (Capital Contracting Office): Administers the procurement of professional and construction services.

CO-OP (Cooperative Contract): A contract that has been competitively bid and issued by another government or purchasing alliance with the intention of sharing it with other governmental entities.

ILA (Interlocal Agreement): A collaborative contract between local government entities (for example, ARR and a county, state, or school district) to provide more efficient and less costly services, where any payments are made from current revenues.

IFB (Invitation for Bid): Formal bidding documents inviting suppliers to submit pricing for goods or services.

RFI (Request for Information): Used to obtain industry input, feedback, or reactions from potential suppliers prior to issuing a solicitation.

RFQ (Request for Quotation): Informal request to suppliers to provide quotes on specific goods or services.

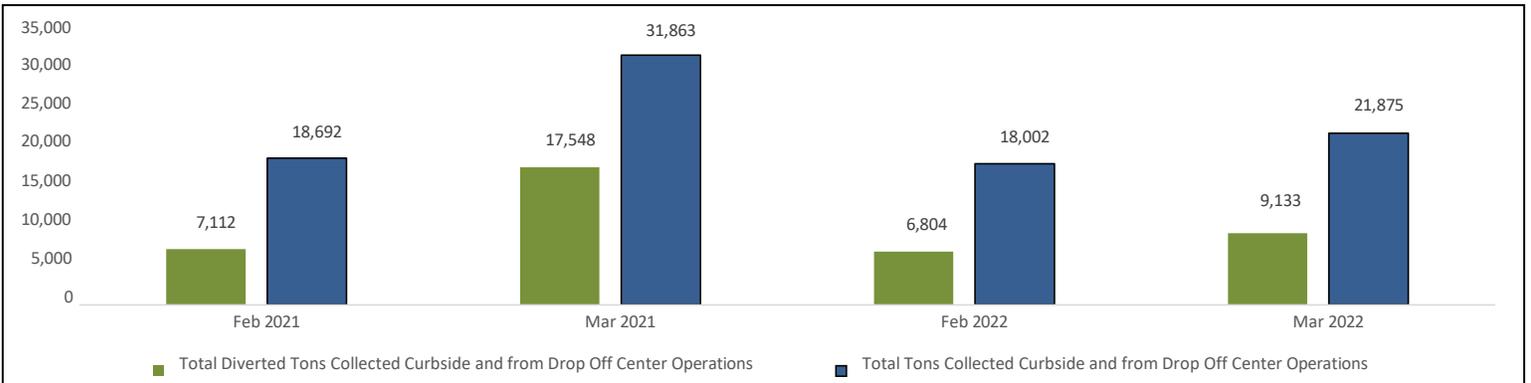
RFQS (Request for Qualifications): Formal solicitation used when qualifications are the main criteria for professional services.

RFP (Request for Proposals): Formal request for a supplier to provide a solution and cost estimate to a complex need.

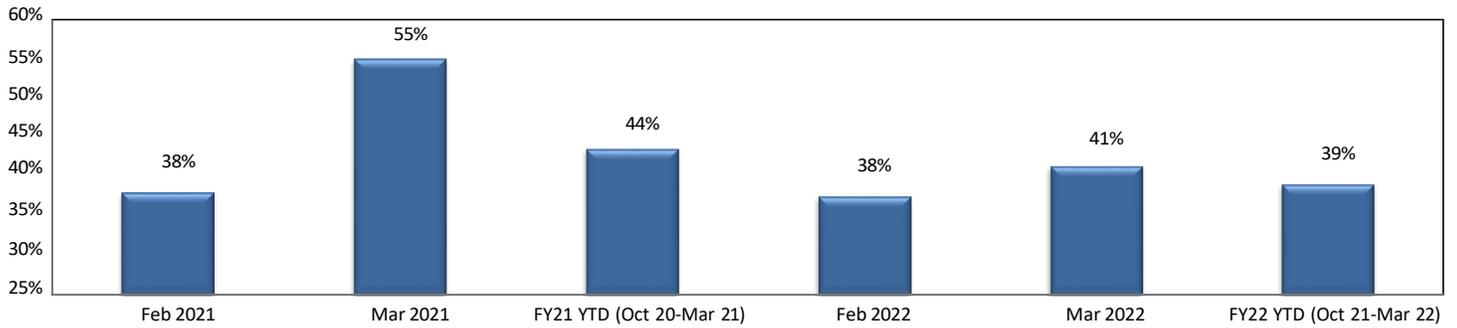
# Austin Resource Recovery Curbside Collection and Drop Off Center Operations

Description of Services		LAST FISCAL YEAR				CURRENT FISCAL YEAR				FY 2022 Goal
		FY 2020	FY 2021	Feb 2021	Mar 2021	FY21 YTD (Oct 20-Mar 21)	Feb 2022	Mar 2022	FY22 YTD (Oct 21-Mar 22)	
Tons Disposed	Tons of curbside Trash	136,709	138,955	10,010	12,674	69,455	10,050	11,693	67,746	133,800
	Tons of Curbside Bulk Disposed	5,379	11,651	916	432	4,964	231	12	3,085	11,220
	HHW Operations Tons Disposed	347	765	12	66	236	43	48	292	530
	Estimated Tons of Curbside Recycling Residuals*	11,302	11,321	642	1,142	5,694	875	989	5,786	10,803
	<b>Total Disposed Tons Collected Curbside and from Drop Off Center Operations</b>	<b>153,737</b>	<b>162,693</b>	<b>11,580</b>	<b>14,315</b>	<b>80,349</b>	<b>11,198</b>	<b>12,742</b>	<b>76,909</b>	<b>156,353</b>
<b>*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit</b>										
Tons Diverted	Tons of curbside recycling	52,122	51,709	3,005	5,334	26,498	3,543	3,994	23,935	51,197
	RRC Tons Recycled/Reused	1,218	1,323	23	102	515	89	145	769	2,200
	RRC Tons of Brush Collected	1,722	563	0	14	173	0	0	8	2,000
	HHW Operations Tons recycled/reused	247	222	2	15	70	18	27	124	470
	Tons of Drop Off Center Collections Recycled/Reused	3,060	1,784	12	125	617	102	172	829	4,415
	Tons of Curbside Yard Trimmings	48,105	56,481	3,232	11,366	31,469	2,727	4,915	22,573	50,000
	Tons of Curbside Bulk Recycled	127	323	13	7	141	5	0	71	255
	Tons of Curbside Brush Collected	3,323	8,339	848	686	3,578	399	40	2,438	6,872
	Tons of Curbside Textiles Collected	25	42	2	5	20	3	3	17	75
	Tons of Carts Recycled	193	163	0	26	75	25	8	104	200
<b>Total Diverted Tons Collected Curbside and from Drop Off Center Operations</b>	<b>106,955</b>	<b>118,841</b>	<b>7,112</b>	<b>17,548</b>	<b>62,398</b>	<b>6,804</b>	<b>9,133</b>	<b>49,968</b>	<b>113,014</b>	
Tons of Curbside Compost Collected**	38,711	53,455	3,123	11,362	28,443	2,727	4,888	22,546	50,000	
<b>***Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"</b>										
<b>Total Tons Collected Curbside and from Drop Off Center Operations</b>		<b>260,692</b>	<b>281,534</b>	<b>18,692</b>	<b>31,863</b>	<b>142,747</b>	<b>18,002</b>	<b>21,875</b>	<b>126,877</b>	<b>269,367</b>
<b>Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR</b>		<b>40.38%</b>	<b>41.96%</b>	<b>38.03%</b>	<b>55.01%</b>	<b>43.54%</b>	<b>37.53%</b>	<b>41.38%</b>	<b>39.07%</b>	<b>41.07%</b>
<b>Pounds of Trash collected per customer per pickup</b>		<b>25.57</b>	<b>25.52</b>	<b>22.16</b>	<b>27.95</b>	<b>25.65</b>	<b>21.93</b>	<b>25.45</b>	<b>24.65</b>	<b>24.32</b>
Number of Trash and Recycling Customers		205,670	209,419	208,479	209,254	208,272	211,508	212,081	211,383	211,603
<b>Pounds of Recycled materials collected per customer per pickup (every other week)</b>		<b>19.61</b>	<b>19.10</b>	<b>13.38</b>	<b>23.66</b>	<b>19.69</b>	<b>15.56</b>	<b>17.49</b>	<b>17.52</b>	<b>18.74</b>
Pounds of Yard Trimmings collected per customer per week		9.05	10.43	7.20	25.21	11.69	5.99	10.76	8.26	9.15
Number of Yard Trimmings/Organics Customers		204,506	208,209	207,250	208,047	207,066	210,238	210,807	210,128	210,128
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		34	31	1	3	16	3	4	22	30

## Austin Resource Recovery Curbside Collection and Drop Off Center Operations



### Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

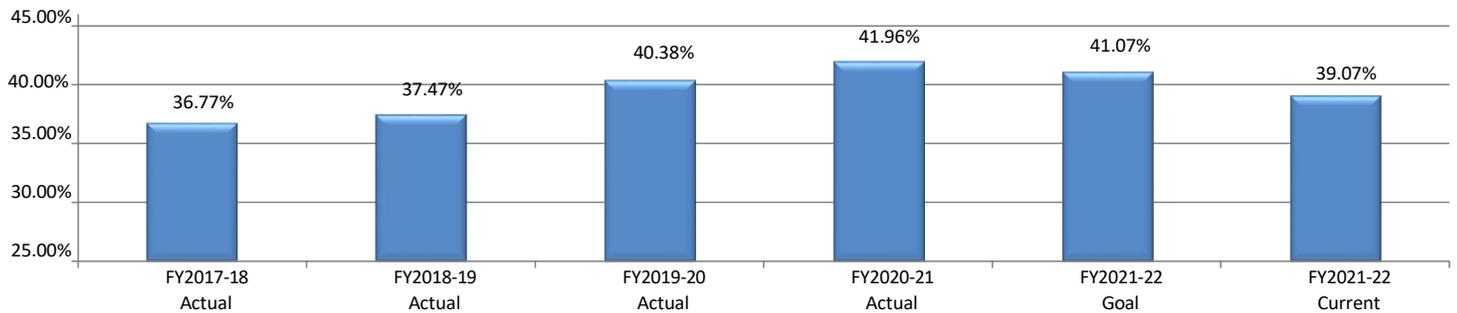


#### Reporting Status and Diversion Results for All Categories of Waste Generation

Category of Waste Generation	FY2017-18 Actual	FY2018-19 Actual	FY2019-20 Actual	FY2020-21 Actual	FY2021-22 Goal	FY2021-22 Current
Residential Waste Diversion (city serviced accounts)	36.77%	37.47%	40.38%	41.96%	41.07%	39.07%
Community Diversion Rate	*	*	*	*	*	*

\*As prescribed in the Austin Resource Recovery Master Plan, the Department will conduct a detailed waste assessment study every five years to determine progress toward our Zero Waste goal. The first such study was published in 2015 and is titled Austin's 2015 Community Diversion Study. The study focused on estimating diversion from both ARR-serviced properties and commercial properties. Commercial properties include retail businesses, food service establishments, professional offices, industrial properties, institutional facilities, government facilities, and multifamily properties five units and larger. According to Austin's 2015 Community Diversion Study, Residential Waste Diversion Rate (city serviced accounts) represents approximately 15% and the Community Diversion Rate (accounts serviced by private waste haulers) represents approximately 85% of the total citywide wastage.

### Residential Waste Diversion (city serviced accounts)



Category of Waste Generation	CY 2018	CY 2019	CY 2020
Commercial Tons Landfilled**	1,079,312	1,401,619	1,359,207
Commercial Tons Recycled**	402,292	470,786	435,875
Commercial Organics Tons**	80,906	102,215	81,436

\*\* Numbers reported here are compiled from self-reported data submitted by licensed private waste haulers via semi-annual tonnage reports required under Section 15-6-3 of the City Code on a calendar year basis and as such, ARR does not attest to the accuracy of these amounts. These numbers reflect data from 100-200 licensed haulers (number of haulers varies over time), and include haulers servicing dumpsters, roll-offs, construction and demolition debris, landscaping debris, and metal scrap. These numbers do not reflect all data sources included in Austin's 2015 Community Diversion Study.

**Zero Waste Advisory Commission Meeting - April 2022**  
**Single Stream Recycling Statistical Report**  
**FY22: October thru April**

**Texas Disposal Systems (TDS) and Balcones Resources, Inc. (BRI)**

Month and Year	Contractor	Tons Delivered	Contractor Payments				Net Value to the City	Landfill Cost Avoidance	
			Revenue	Processing Cost	Net Value	Net Amount Due/(Owed)*	\$ per ton value	Cost Per Ton	Total
October 14 2021	TDS	1,008.56	\$95,968	\$91,275	\$4,693	\$4,693	\$4.65	\$23.8	\$24,094
	BRI	1,286.17	\$86,775	\$101,607	(\$14,833)	(\$14,833)	(\$11.53)	\$23.8	\$30,727
	<b>Total</b>	<b>2,294.73</b>	<b>\$182,743</b>	<b>\$192,882</b>	<b>(\$10,139)</b>	<b>(\$10,139)</b>			<b>\$54,821</b>
October 31 2021	TDS	1,002.72	\$24,782	\$50,136	(\$25,354)	(\$25,354)	(\$25.28)	\$23.8	\$23,955
	BRI	1,494.60	\$235,970	\$146,470	\$89,500	\$67,125	\$44.91	\$23.8	\$35,706
	<b>Total</b>	<b>2,497.32</b>	<b>\$260,752</b>	<b>\$196,606</b>	<b>\$64,146</b>	<b>\$41,771</b>			<b>\$59,661</b>
November 2021	TDS	2,549.49	\$58,468	\$127,475	(\$69,007)	(\$69,007)	(\$27.07)	\$23.8	\$60,907
	BRI	2,538.05	\$367,601	\$248,729	\$118,872	\$89,154	\$35.13	\$23.8	\$60,634
	<b>Total</b>	<b>5,087.54</b>	<b>\$426,068</b>	<b>\$376,203</b>	<b>\$49,865</b>	<b>\$20,147</b>			<b>\$121,541</b>
December 2021	TDS	2,058.14	\$42,423	\$102,907	(\$60,484)	(\$60,484)	(\$29.39)	\$23.8	\$49,169
	BRI	3,347.23	\$444,099	\$328,028	\$116,071	\$87,053	\$26.01	\$23.8	\$79,965
	<b>Total</b>	<b>5,405.37</b>	<b>\$486,522</b>	<b>\$430,935</b>	<b>\$55,587</b>	<b>\$26,570</b>			<b>\$129,134</b>
January 2022	TDS	3,044.60	\$61,285	\$152,230	(\$90,945)	(\$90,945)	(\$29.87)	\$23.8	\$72,735
	BRI	1,990.02	\$268,018	\$195,022	\$72,996	\$54,747	\$27.51	\$23.8	\$47,542
	<b>Total</b>	<b>5,034.62</b>	<b>\$329,303</b>	<b>\$347,252</b>	<b>(\$17,949)</b>	<b>(\$36,198)</b>			<b>\$120,277</b>
February 2022	TDS	1,977.64	\$39,238	\$98,882	(\$59,644)	(\$59,644)	(\$30.16)	\$23.8	\$47,246
	BRI	2,440.61	\$344,478	\$239,180	\$105,298	\$78,973	\$32.36	\$23.8	\$58,306
	<b>Total</b>	<b>4,418.25</b>	<b>\$383,716</b>	<b>\$338,062</b>	<b>\$45,654</b>	<b>\$19,329</b>			<b>\$105,552</b>
March 2022	TDS	2,119.61	\$45,596	\$105,981	(\$60,385)	(\$60,385)	(\$28.49)	\$23.8	\$50,637
	BRI	2,863.22	\$440,392	\$280,596	\$159,797	\$119,847	\$41.86	\$23.8	\$68,402
	<b>Total</b>	<b>4,982.83</b>	<b>\$485,988</b>	<b>\$386,576</b>	<b>\$99,412</b>	<b>\$59,462</b>			<b>\$119,040</b>
April 2022	TDS	1,957.15	\$43,902	\$97,858	(\$53,955)	(\$53,955)	(\$27.57)	\$23.8	\$46,756
	BRI	2,719.69	\$430,264	\$266,529	\$163,735	\$122,801	\$45.15	\$23.8	\$64,973
	<b>Total</b>	<b>4,676.84</b>	<b>\$474,166</b>	<b>\$364,387</b>	<b>\$109,780</b>	<b>\$68,846</b>			<b>\$111,730</b>
<b>FY22 Totals</b>		<b>34,397.50</b>	<b>\$3,029,258</b>	<b>\$2,632,903</b>	<b>\$396,355</b>	<b>\$189,788</b>			<b>\$821,756</b>

\* Net /Due(Owed) for TDS = (Revenue % X Value of Material) - Processing Cost

\* Net /Due(Owed) for Balcones = Net Value of Material = Gross Value of Material - Processing Cost  
then Net Value of Material X Revenue %