



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

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 2nd, while on-call bulk collection resumed on April 25th 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.

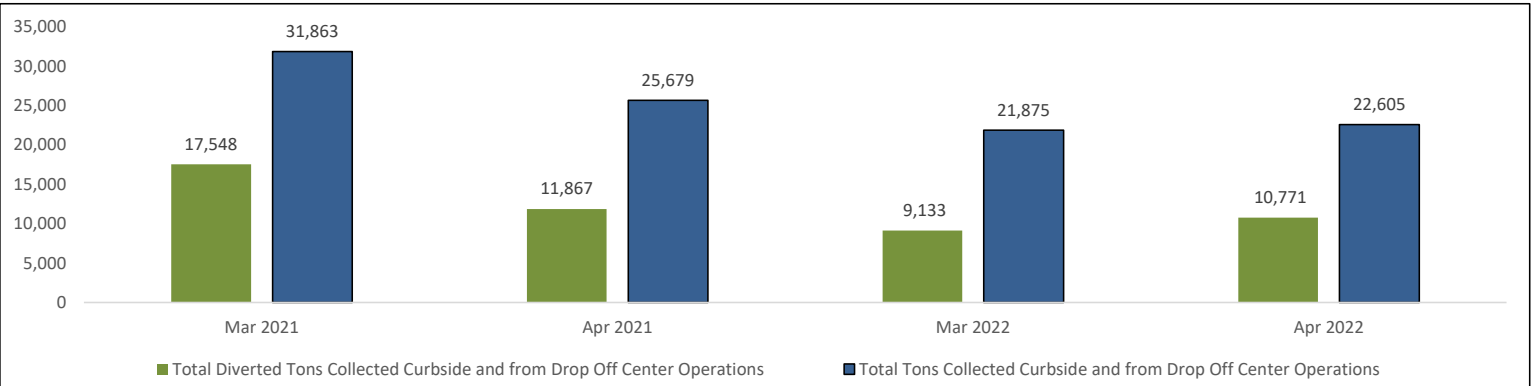
RFQS (Request for Qualifications): Formal solicitation used when qualifications are the main criteria for professional services.

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

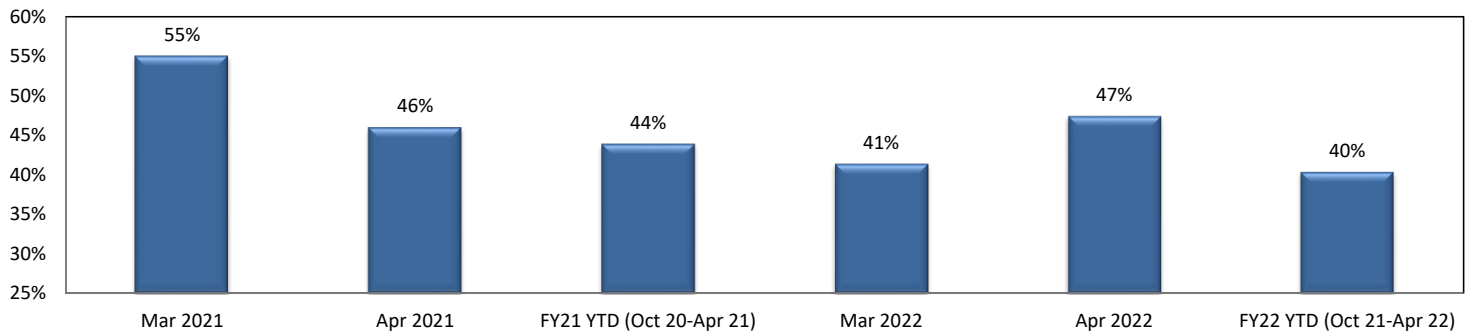
Austin Resource Recovery Curbside Collection and Drop Off Center Operations

		LAST FISCAL YEAR					CURRENT FISCAL YEAR					
Description of Services		FY 2020	FY 2021		Mar 2021	Apr 2021	FY21 YTD (Oct 20-Apr 21)		Mar 2022	Apr 2022	FY22 YTD (Oct 21-Apr 22)	FY 2022 Goal
Tons Disposed	Tons of curbside Trash	136,709	138,955		12,674	11,825	81,279		11,693	10,876	78,622	133,800
	Tons of Curbside Bulk Disposed	5,379	11,651		432	880	5,844		12	9	3,094	11,220
	HHW Operations Tons Disposed	347	765		66	136	372		48	47	339	530
	Estimated Tons of Curbside Recycling Residuals*	11,302	11,321		1,142	972	6,666		989	902	6,687	10,803
	Total Disposed Tons Collected Curbside and from Drop Off Center Operations	153,737	162,693		14,315	13,812	94,161		12,742	11,834	88,743	156,353
*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit												
Tons Diverted	Tons of curbside recycling	52,122	51,709		5,334	4,369	30,867		3,994	3,775	27,710	51,197
	RRC Tons Recycled/Reused	1,218	1,323		102	107	622		145	115	883	2,200
	RRC Tons of Brush Collected	1,722	563		14	112	284		0	0	8	2,000
	HHW Operations Tons recycled/reused	247	222		15	17	87		27	38	162	470
	Tons of Drop Off Center Collections Recycled/Reused	3,060	1,784		125	221	838		172	153	982	4,415
	Tons of Curbside Yard Trimmings	48,105	56,481		11,366	6,496	37,965		4,915	6,822	29,395	50,000
	Tons of Curbside Bulk Recycled	127	323		7	14	155		0	0	71	255
	Tons of Curbside Brush Collected	3,323	8,339		686	762	4,340		40	1	2,439	6,872
	Tons of Curbside Textiles Collected	25	42		5	4	24		3	4	21	75
	Tons of Carts Recycled	193	163		26	0	75		8	17	121	200
	Total Diverted Tons Collected Curbside and from Drop Off Center Operations	106,955	118,841		17,548	11,867	74,264		9,133	10,771	60,740	113,014
Tons of Curbside Compost Collected**	38,711	53,455		11,362	6,496	34,939		4,888	6,780	29,326	50,000	
***"Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"												
Total Tons Collected Curbside and from Drop Off Center Operations		260,692	281,534		31,863	25,679	168,426		21,875	22,605	149,482	269,367
Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR		40.38%	41.96%		55.01%	45.99%	43.91%		41.38%	47.39%	40.33%	41.07%
Pounds of Trash collected per customer per pickup		25.57	25.52		27.95	26.01	25.70		25.45	23.67	24.51	24.32
Number of Trash and Recycling Customers		205,670	209,419		209,254	209,859	208,499		212,081	212,061	211,479	211,603
Pounds of Recycled materials collected per customer per pickup (every other week)		19.61	19.10		23.66	19.33	19.64		17.49	16.53	17.38	18.74
Pounds of Yard Trimmings collected per customer per week		9.05	10.43		25.21	14.37	12.08		10.76	14.94	9.22	9.15
Number of Yard Trimmings/Organics Customers		204,506	208,209		208,047	208,644	207,291		210,807	210,754	210,218	210,128
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		34	31		3	2	18		4	4	26	30

Austin Resource Recovery Curbside Collection and Drop Off Center Operations



Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

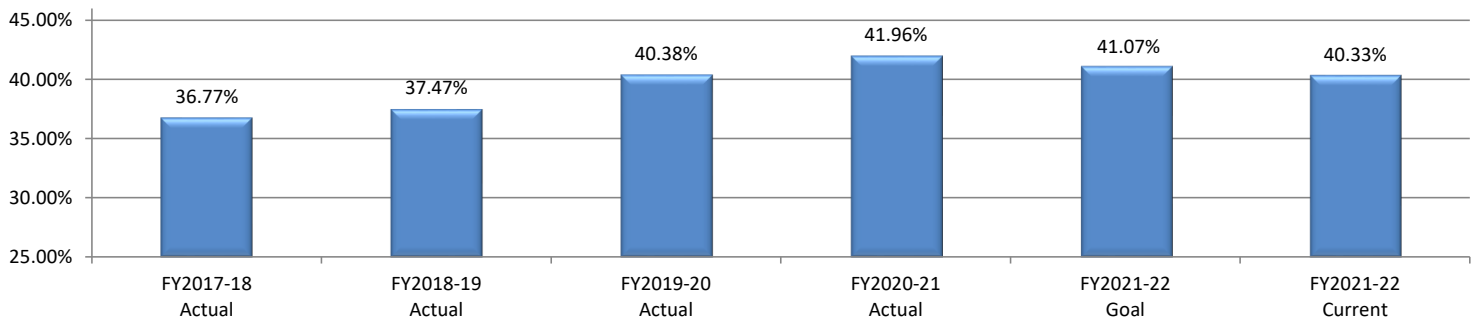


Reporting Status and Diversion Results for All Categories of Waste Generation

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%	40.33%
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
	Total	2,294.73	\$182,743	\$192,882	(\$10,139)	(\$10,139)			\$54,821
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
	Total	2,497.32	\$260,752	\$196,606	\$64,146	\$41,771			\$59,661
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
	Total	5,087.54	\$426,068	\$376,203	\$49,865	\$20,147			\$121,541
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
	Total	5,405.37	\$486,522	\$430,935	\$55,587	\$26,570			\$129,134
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
	Total	5,034.62	\$329,303	\$347,252	(\$17,949)	(\$36,198)			\$120,277
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
	Total	4,418.25	\$383,716	\$338,062	\$45,654	\$19,329			\$105,552
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
	Total	4,982.83	\$485,988	\$386,576	\$99,412	\$59,462			\$119,040
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
	Total	4,676.84	\$474,166	\$364,387	\$109,780	\$68,846			\$111,730
FY22 Totals		34,397.50	\$3,029,258	\$2,632,903	\$396,355	\$189,788			\$821,756

* 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 %