



To: Zero Waste Advisory Commission

From: Ken Snipes
Director
Austin Resource Recovery

Date: June 12, 2020

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

Landfill Criteria Matrix

In March 2017, Council approved Resolution No. 20170323-055 to form a Waste Management Policy Working Group ("Working Group") to examine waste management and biosolids policy issues, and contracts. The Working Group recommended the development of criteria in the form of a matrix to help identify Landfill Operators eligible for City contracts involving City-controlled waste.

From March through May of 2018, ARR hosted five public meetings for stakeholders led by an independent facilitator, and an additional technical meeting focused on landfill gas emissions. In November 2018 the City Manager informed Council that Staff would proceed with issuing request for information (RFI) using a matrix developed by Staff and Stakeholders.

Staff issued an RFI in January 2019, inviting submissions from landfill operators to evaluate their facilities for future inclusion in City solicitations. At the conclusion of this first application of the Matrix, staff determined that three (3) landfills were eligible to receive City-controlled waste.

On February 20, 2020, staff brought Item no. 37, to Council to authorize a short-term contract for waste collection at City facilities. Because this item dealt with the collection of waste, staff applied the Matrix requirement to the recommended contract. When considering this item, Council clarified that the Matrix was not consistent with their policy direction, stating specifically that the Austin Community Landfill (ACL), one of the eligible landfills according to the Matrix, was not to be used.

As a result, staff excluded any reference to the Matrix or the use of the Austin Community Landfill from the subsequent short-term contracts, as well as the eventual solicitation seeking a longer-term contract for waste collection at City facilities. Staff will not apply the Landfill Criteria Matrix to future contracts involving City-controlled waste without further direction from City Council.

Recycle Reuse Drop Off Center Re-Opening

As the Recycling and Reuse Drop Off Center (RRDOC) moves towards full operations, there are some concerns about employee and customer exposure to CoVid-19. In preparation for this, the RRDOC has started scheduling no contact home pickups and appointments for dropping off material.

As customers call the facility to inquire about the re-opening date, we offer a "no contact" home pick up option if they have Household Hazardous Waste. We have multiple trucks running small routes to pick up as many of the requests as possible, in a safe, timely fashion. The first pickups took place May 28.

The staff will also set appointments for customers to be able to utilize the RRDOC. With social distancing and overall safety in mind, the appointments are set in one hour blocks with no more than 20 customers per hour. The first drop-off

appointments at the RRDOC took place Monday, June 1.

When making the appointment, we ask them to bring a mask, and we ask them a few questions approved by APH. Customers and staff will be required to wear masks until COA officials state it is no longer required.

The schedule for this soft opening is 9:00am – 4:00pm, Monday through Friday. We hope to keep this schedule throughout the month of June, and plan for a full reopening beginning the week of July 6, when we will move back to the Monday through Saturday schedule.

Plastics in Waterways

Austin Resource Recovery is working with Watershed Protection Department and other City Departments to address increasing trash in waterways, including a quantitative study of trash in local creeks. As a result of the study, staff will provide recommendations for enhanced public-private partnership, improved programmatic and structural solutions, and identify available funding sources to reduce trash in waterways.

Current tasks include:

- A review and compilation of all active programs and policies related to litter and trash in Austin's waterways (including funding and resources currently or potentially available)
- An analysis of all available data related to spatial and temporal patterns of litter and trash
- Writing a background report with an inventory of current City and external partner efforts with respect to litter and trash in Austin's watersheds and a high-level summary of available data, trends and maps

A March 3, 2020 memo from the [Watershed Protection Department](#) outlines the project work plan and timeline.



ARR Solicitations Update
As of May 28, 2020
ZWAC Meeting June 10, 2020

Upcoming Solicitations Under Development (in alphabetical order):

1. Post-Disaster Debris Removal Services: RFP – Contractor to provide emergency debris removal services in accordance with Federal Emergency Management Administration (FEMA) guidelines. No existing contract.
2. Post-Disaster Debris Monitoring Services: RFP – Contractor to provide emergency field debris monitoring services to include management and accounting services for monitoring the recovery efforts of the City's Post Disaster Debris Removal Contractor. No existing contract.

Solicitations Expected to be Posted Within the Next 90 Days:

1. Daily Drop-Off of Material Collected Through Dumpster or Roll-Off Service: IFB – Contractor to receive daily collections of bulk materials from the City at their disposal facility or landfill. No existing contract.
2. Recycling Processing for Non-Curbside Collections: IFB – Contractor to provide single-stream recyclable material processing and marketing services to sort, process, store, market, and sell single-stream recyclable material. The Contractor shall be responsible for picking up the recyclable material collected at the Recycle and Reuse Drop-off Center and receiving the recyclable material collected by ARR from City facilities. This is replacing two contracts: [In-House Recycling](#) and [RRDOC Recycling](#).

Published Solicitations:

1. Truck Scale Inspection, Maintenance, and Repair Services: [IFB 1500 MMO1018](#) – This posted on May 25, 2020 and closes on June 16, 2020. Contractor to complete quarterly full-service, diagnostics, inspections, preventative maintenance, servicing, authorized part replacements, and repairs of truck and floor scales located at City facilities. [Link to current contract](#)

Solicitations in Evaluation or Negotiation: (None)

1. Purchase of Foam Densifier: [IFB 1500 SLW1041](#) – Contractor to provide new foam densifier to include delivery, installation, training, and warranty. Solicitation posted March 2, 2020 and closed April 7, 2020. No existing contract.
2. Routine Non-Residential (City facilities) Dumpster Collection Services: [IFB 7400 SLW1035](#) - Contractor to collect trash, recycling, brush, bulk, and compostable Materials from City of Austin facilities. Scope may also include special event and emergency service needs at City facilities on an as-needed basis. [RFI 1500 SLW6005](#) was issued in July 2019 related to these services. Solicitation posted March 9, 2020 and closed April 7, 2020. [Link to current 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.

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.

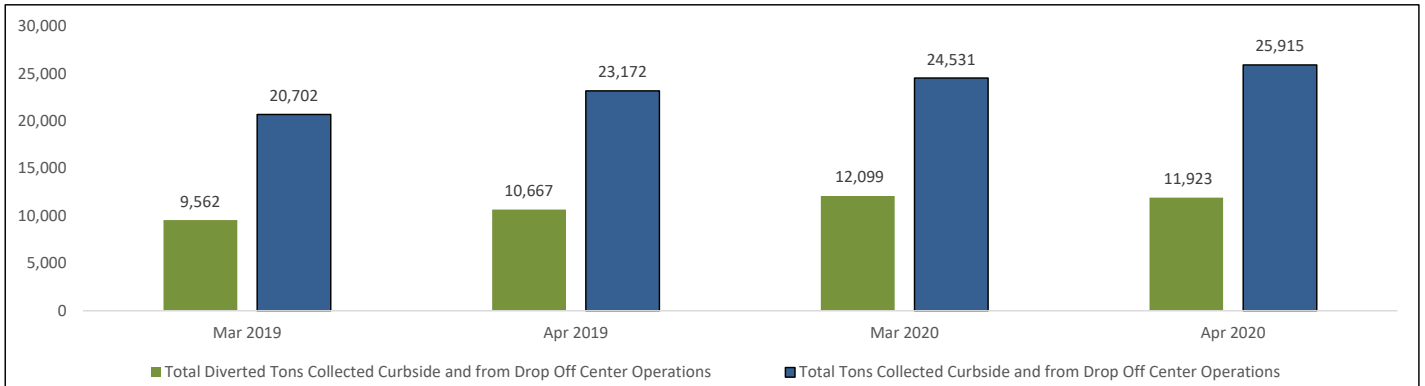
RFQS (Request for Qualifications): Formal solicitation used when qualifications are the main criteria for professional services.

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

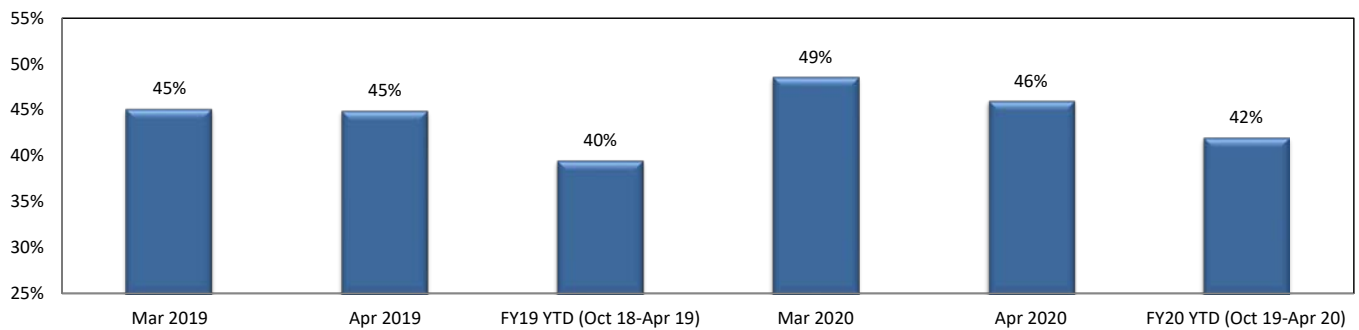
Austin Resource Recovery Curbside Collection and Drop Off Center Operations

		LAST FISCAL YEAR					CURRENT FISCAL YEAR			
Description of Services		FY 2018	FY 2019	Mar 2019	Apr 2019	FY19 YTD (Oct 18-Apr 19)	Mar 2020	Apr 2020	FY20 YTD (Oct 19-Apr 20)	FY 2020 Goal
Tons Disposed	Tons of curbside Trash	128,829	130,307	10,157	11,327	75,897	11,426	12,631	76,354	132,546
	Tons of Curbside Bulk Disposed	10,231	11,040	96	215	4,495	68	315	4,433	10,248
	HHW Operations Tons Disposed	528	517	47	40	273	29	0	229	560
	Estimated Tons of Curbside Recycling Residuals*	10,642	11,761	840	924	6,748	909	1,046	6,332	10,670
	Total Disposed Tons Collected Curbside and from Drop Off Center Operations	150,230	153,625	11,141	12,505	87,413	12,432	13,992	87,348	154,024
*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit										
Tons Diverted	Tons of curbside recycling	48,005	47,528	3,653	4,063	28,375	4,200	4,825	29,202	50,250
	RRC Tons Recycled/Reused	1,986	2,259	162	174	1,280	138	0	1,074	2,600
	RRC Tons of Brush Collected	1,505	2,595	226	274	1,469	199	0	1,583	2,500
	HHW Operations Tons recycled/reused	469	477	40	52	268	25	0	196	560
	Tons of Drop Off Center Collections Recycled/Reused	3,759	5,073	425	491	2,897	360	0	2,752	5,450
	Tons of Curbside Yard Trimmings	32,244	37,265	5,163	5,482	25,114	7,155	6,741	30,875	37,500
	Tons of Curbside Bulk Recycled	201	257	3	9	120	2	6	100	210
	Tons of Curbside Brush Collected	6,292	6,447	285	597	3,227	382	324	2,831	7,373
	Tons of Curbside Textiles Collected	150	77	8	9	64	0	0	0	157
	Tons of Carts Recycled	154	166	25	17	98	0	33	132	175
	Total Diverted Tons Collected Curbside and from Drop Off Center Operations	90,805	96,813	9,562	10,667	59,895	12,099	11,923	65,892	101,115
	Tons of Curbside Compost Collected**	14,414	22,040	2,671	2,833	14,283	5,377	5,314	24,365	31,300
***"Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"										
Total Tons Collected Curbside and from Drop Off Center Operations		241,035	250,438	20,702	23,172	147,308	24,531	25,915	153,240	255,139
Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR		36.77%	37.47%	45.16%	44.95%	39.54%	48.63%	46.02%	42.02%	38.05%
Pounds of Trash collected per customer per pickup		24.84	24.78	23.25	25.83	24.84	25.69	28.37	24.59	24.92
Number of Trash and Recycling Customers		199,448	202,292	201,630	202,384	201,421	205,308	205,465	204,694	204,549
Pounds of Recycled materials collected per customer per pickup (every other week)		18.62	18.17	16.82	18.64	18.68	19.00	21.80	18.92	18.99
Pounds of Yard Trimmings collected per customer per week		6.25	7.12	11.89	12.57	8.27	16.18	15.23	10.00	7.09
Number of Yard Trimmings/Organics Customers		198,325	201,174	200,459	201,210	200,324	204,108	204,317	203,539	203,508
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		36	30	2	2	18	3	2	19	32

Austin Resource Recovery Curbside Collection and Drop Off Center Operations



Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

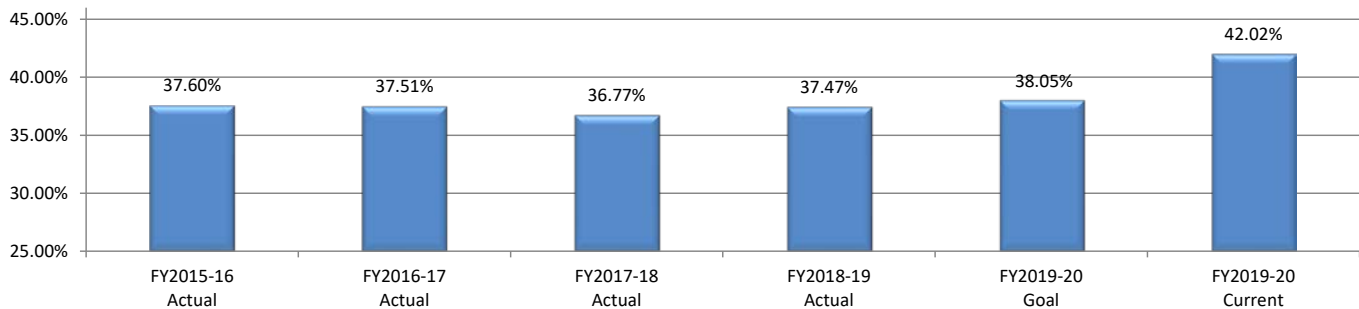


Reporting Status and Diversion Results for All Categories of Waste Generation

Category of Waste Generation	FY2015-16 Actual	FY2016-17 Actual	FY2017-18 Actual	FY2018-19 Actual	FY2019-20 Goal	FY2019-20 Current
Residential Waste Diversion (city serviced accounts)	37.60%	37.51%	36.77%	37.47%	38.05%	42.02%
Community Diversion Rate	42.02%	*	*	*	*	*

*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 2016	CY 2017	CY 2018
Commercial Tons Landfilled**	1,152,661	1,708,484	1,079,312
Commercial Tons Recycled**	360,244	722,573	402,292
Commercial Organics Tons**	206,165	97,173	80,906

** 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 - June 10th, 2020
Single Stream Recycling Statistical Report
FY20: October 2019-April 2020
Texas Disposal Systems (TDS) and Balcones Resources, Inc. (BRI)

Month and Year	Contractor	Tons Delivered	Contractor Payments			Net Value to the City \$ per ton value	Landfill Cost Avoidance	
			Revenue	Processing Cost	Net Amount Due/(Owed)		Cost Per Ton	Total
October 2019	TDS	1,939.98	\$44,128	\$175,568	(\$131,440)	(\$67.75)	\$22.93	\$44,484
	BRI	2,982.78	\$40,533	\$215,984	(\$175,451)	(\$58.82)	\$22.93	\$68,395
	Total	4,922.76	\$84,661	\$391,552	(\$306,891)			\$112,879
November 2019	TDS	1,753.88	\$43,495	\$158,726	(\$115,231)	(\$65.70)	\$22.93	\$40,216
	BRI	2,816.24	\$41,361	\$206,158	(\$164,797)	(\$58.52)	\$22.93	\$64,576
	Total	4,570.12	\$84,856	\$364,884	(\$280,028)			\$104,793
December 2019	TDS	2,346.49	\$61,255	\$212,357	(\$151,103)	(\$64.40)	\$22.93	\$53,805
	BRI	2,808.82	\$43,110	\$205,720	(\$162,610)	(\$57.89)	\$22.93	\$64,406
	Total	5,155.31	\$104,365	\$418,078	(\$313,713)			\$118,211
January 2020	TDS	1,994.14	\$54,872	\$180,470	(\$125,597)	(\$62.98)	\$22.93	\$45,726
	BRI	3,584.11	\$59,448	\$249,126	(\$189,678)	(\$52.92)	\$22.93	\$82,184
	Total	5,578.25	\$114,321	\$429,596	(\$315,275)			\$127,909
February 2020	TDS	1,761.00	\$44,898	\$159,371	(\$114,473)	(\$65.00)	\$22.93	\$40,380
	BRI	2,566.90	\$43,932	\$191,447	(\$147,515)	(\$57.47)	\$22.93	\$58,859
	Total	4,327.90	\$88,830	\$350,818	(\$261,988)			\$99,239
March 2020	TDS	2,297.58	\$55,228	\$207,931	(\$152,703)	(\$66.46)	\$22.93	\$52,684
	BRI	2,811.25	\$46,526	\$205,863	(\$159,337)	(\$56.68)	\$22.93	\$64,462
	Total	5,108.83	\$101,754	\$413,794	(\$312,040)			\$117,145
April 2020	TDS	2,438.65	\$67,181	\$220,698	(\$153,517)	(\$62.95)	\$22.93	\$55,918
	BRI	3,432.02	\$61,906	\$240,761	(\$178,854)	(\$52.11)	\$22.93	\$78,696
	Total	5,870.67	\$129,088	\$461,459	(\$332,371)			\$134,614
FY20 Totals		35,533.84	\$707,874	\$2,830,181	(\$2,122,306)			\$814,791