



To: Zero Waste Advisory Commission

From: Richard McHale
Interim Director
Austin Resource Recovery Department

Date: July 10, 2019

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

ARR Solicitations Update
As of June 26, 2019
ZWAC Meeting July 10, 2019

Upcoming Solicitations Under Development (in alphabetical order):

1. Impact Study – Economic Impact of Existing C&D Disposal and Diversion Rates on Household Affordability: RFQ
– Consultant to conduct a comprehensive, data driven benchmarking study of the economic impact of existing disposal and diversion rates on household affordability and an assessment of future markets for reuse of construction and demolition materials on or before April 2, 2020. This study is required by City Ordinance No. 20151119-098. No existing contract.
2. Mattress Collection and Recycling Services: RFP – This is a new service needed as mattresses are currently collected through bulky collection and landfilled at high rates. An RFI was issued in July 2018. That information is under review to establish a scope of work, and then publish a solicitation. No existing contract.
3. Post-Disaster Debris Removal Services: RFP – Contractor to provide emergency debris removal services in accordance with the Federal Emergency Management Administration (FEMA) policies and guidelines. No existing contract.
4. 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.

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5. Replacement Brooms for Sweepers: IFB – Contractor to provide replacement brooms and accessories for ARR’s Schwarze, Tennant, and Tymco sweepers on an as needed basis. Current contract documents: https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=7800&id=GA140000019

6. Vehicle Rapid Response Remediation Services: IFB – Contractor to provide rapid response remediation services for spills resulting from accidents and equipment malfunctions that occur within ARR’s vehicle fleet, to include containerizing and transporting the material from vehicles spills for recycling, waste treatment, and ultimate disposal. Spills associated with these incidents are primarily non-hazardous total petroleum hydrocarbons (TPH) and engine coolant. Current contract documents: https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA140000103

7. Waste Diversion and Characterization Study: RFP – Consultant to conduct a community waste diversion and waste characterization study to analyze existing programs, conduct field observations, facilitate composition evaluation, and perform data analysis to track progress towards ARR’s Zero Waste goal and identify needs and opportunities for diversion of particular materials. ARR’s Master Plan recommended that a waste diversion study be completed and updated every five years. No existing contract.

Solicitations to be Posted Within the Next 90 Days:

1. Dumpster Collection and Cleaning Services for the Central Business District: IFB – Contract to provide trash, recycling, and compost dumpster collection, collection of bulk materials and area litter clean up in the Central Business District of Austin, Texas. Current contract documents: https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA140000089

2. Medical Health and Evaluation Program: RFQS – Contractor to provide a medical and health evaluation program for applicants and employees potentially exposed to levels of hazardous materials, respiratory contaminants, noise, and other occupational health related conditions, as well as conduct medical and health evaluations for Commercial Driver’s License drivers to determine each driver’s physical ability to operate a commercial vehicle. Current Contract, NA140000170, is not available to the public. Current Contract expires on October 12, 2019.

3. Residential Trash Dumpster Collection Services: IFB – Contractor to collect, transport, process, dispose of, and clean-up trash materials generated by ARR residential customers located within the ARR service areas of Austin. ARR residential customers include single family, duplex, triplex and fourplex premises. Current contract documents: https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA120000143

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4. Routine Non-Residential (City Facilities) Dumpster Collection Services: RFP – Contractor to collect trash, recycling, brush, bulk, and compostable Materials from City of Austin facilities. Scope may also include as-needed special event and emergency service needs. Current contract documents: https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA11000024
5. Textiles Curbside Recycling: [RFI 1500 SLW 6003](#) – Contractor to develop and implement an all-encompassing curbside soft textile recyclables collection services program that will not compete with charitable clothing donation centers. Currently evaluating responses to the RFI for solicitation of this service. Current contract documents: https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NR16000006

Published Solicitations:

1. Collection, Transportation, Processing, and Disposal of Hazardous Waste: [IFB 1500 SLW 1025](#) – Contractor to collect, transport, process, and dispose of hazardous waste collected at the Recycle and Reuse Drop-off Center (RRDOC), as well as provide emergency response remediation services for hazardous and non-hazardous solid waste spills on City property. This solicitation was published on June 10, 2019 and is scheduled to close on July 2, 2019.

Solicitations in Evaluation or Negotiation:

1. Austin Resource Recovery Master Plan Update: [RFP 1500 SLW 3003](#) – Consultant to revise and update the current Master Plan centering on the areas of focus as identified by staff and the Zero Waste Advisory Commission. This solicitation was published on February 4, 2019 and closed on March 19, 2019. Originally listed for discussion and action on the May 8th ZWAC meeting (quorum not reached – rescheduled for June 4th), and the June 6th Council agenda, but was postponed until the June 20th Council agenda. It was approved by Council on June 20th.
2. Flat Sheet Printing and Direct Mail Services: [IFB 1500 CRR1004](#) – Contractor to provide a variety of flat sheet printing and related services. This solicitation was published on May 27, 2019 and closed on June 13, 2019.
3. Latex Paint Recycling: [RFP 1500 SLW 3002](#) – Contractor to pick up, transport, sort, remanufacture, package, and resale latex paint collected at ARR’s Household Hazardous Waste Facility. This solicitation was published on February 11, 2019 and closed on March 26, 2019. This is listed for discussion and action on the August 8th Council agenda.
4. Organics Processing Services: [IFB 1500 SLW 1018](#) – Contractor to provide complete organics processing, sorting, composting, and marketing services to include detailed data reporting to support the City’s expanding residential curbside organic materials collection program. This solicitation was published on

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May 27, 2019 and closed on June 25, 2019.

5. Recycling of Polyethylene (Plastic Film): [IFB 1500 SLW 1022](#) – Contractor to pick up, transport, and recycle expanded polystyrene that ARR collects at the RRDOC. ARR collected approximately 15 tons of plastic film last year. This solicitation was published on May 15, 2019 and closed on June 6, 2019. No existing contract.

6. Trash and Recycling Receptacles for Downtown: [IFB 1500 SLW 1017](#) – Contractor to provide trash and recycling containers that match receptacle design in the downtown Austin area, according to Great Streets Master Plan. This solicitation was published on March 4, 2019 and closed on March 21, 2019.

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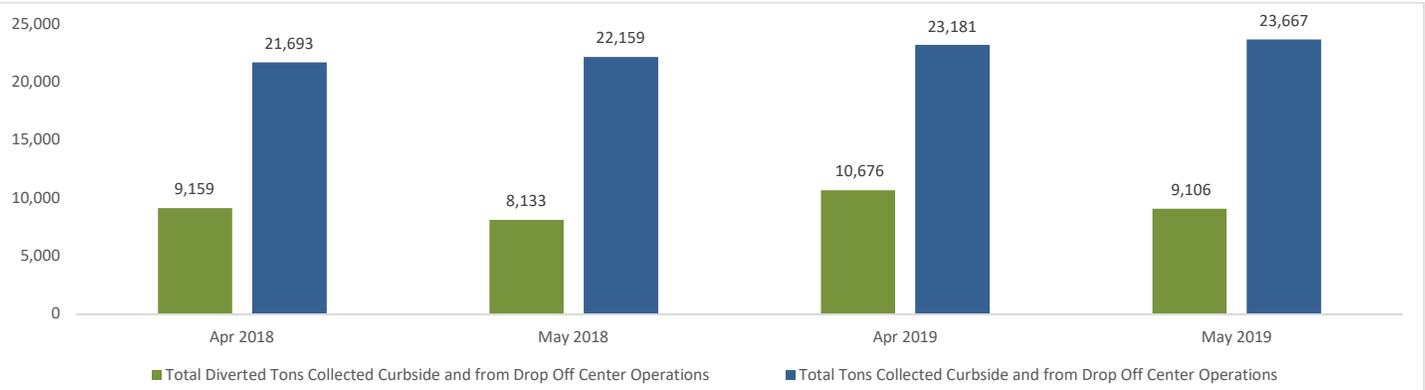
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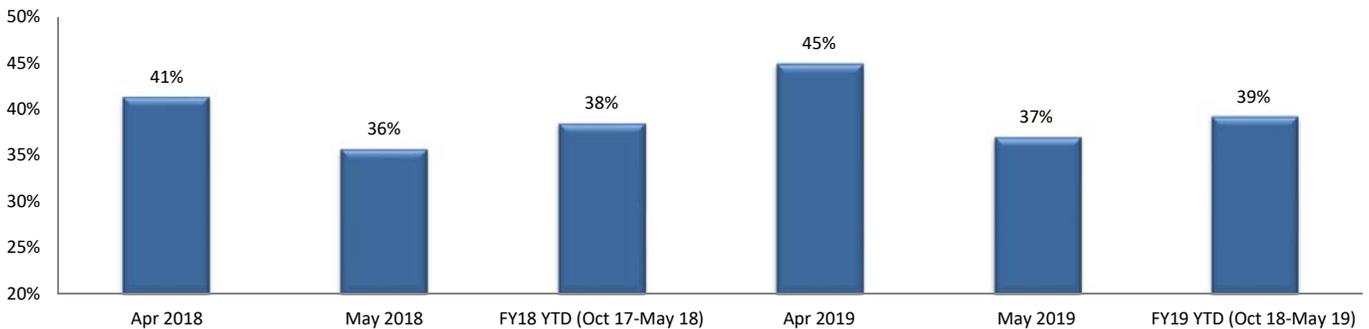
Austin Resource Recovery Curbside Collection and Drop Off Center Operations

		LAST FISCAL YEAR				CURRENT FISCAL YEAR				
Description of Services		FY 2017	FY 2018	Apr 2018	May 2018	FY18 YTD (Oct 17-May 18)	Apr 2019	May 2019	FY19 YTD (Oct 18-May 19)	FY 2019 Goal
Tons Disposed	Tons of curbside Trash	131,815	128,829	10,966	11,771	87,199	11,327	11,970	87,867	134,253
	Tons of Curbside Bulk Disposed	11,179	10,231	727	1,332	5,787	215	1,515	6,010	11,227
	HHW Operations Tons Disposed	471	528	50	47	319	40	63	336	451
	Estimated Tons of Curbside Recycling Residuals*	9,471	10,642	790	877	6,714	924	1,013	7,761	10,670
	Total Disposed Tons Collected Curbside and from Drop Off Center Operations	152,936	150,230	12,533	14,026	100,019	12,505	14,561	101,974	156,601
*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit										
Tons Diverted	Tons of curbside recycling	49,233	48,080	3,980	4,419	32,902	4,063	4,330	32,705	51,330
	RRC Tons Recycled/Reused	1,641	1,986	158	155	1,227	174	201	1,481	1,810
	RRC Tons of Brush Collected	1,142	1,505	152	162	927	274	350	1,819	2,250
	HHW Operations Tons recycled/reused	465	469	42	48	280	52	46	314	558
	Tons of Drop Off Center Collections Recycled/Reused	3,087	3,759	343	337	2,310	491	571	3,469	4,453
	Tons of Curbside Yard Trimmings	34,316	32,244	4,297	2,776	25,038	5,482	3,543	28,657	41,367
	Tons of Curbside Bulk Recycled	161	201	9	28	124	9	26	146	165
	Tons of Curbside Brush Collected	7,367	6,292	506	497	3,987	597	583	3,810	7,900
	Tons of Curbside Textiles Collected	238	150	15	14	94	9	8	72	157
	Tons of Carts Recycled	197	154	0	33	120	17	18	116	175
	Total Diverted Tons Collected Curbside and from Drop Off Center Operations	94,760	91,081	9,159	8,133	64,699	10,676	9,106	69,121	105,712
	Tons of Curbside Compost Collected**	5,069	14,414	1,573	1,214	9,823	2,833	2,101	16,385	27,300
***Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"										
Total Tons Collected Curbside and from Drop Off Center Operations		247,696	241,311	21,693	22,159	164,718	23,181	23,667	171,095	262,313
Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR		37.51%	36.79%	41.37%	35.72%	38.49%	44.95%	36.98%	39.24%	39.30%
Pounds of Trash collected per customer per pickup		26.09	24.84	25.32	27.12	25.34	25.83	27.25	25.15	25.52
Number of Trash and Recycling Customers		194,357	199,448	199,845	200,319	198,529	202,384	202,716	201,583	202,317
Pounds of Recycled materials collected per customer per pickup (every other week)		19.61	18.65	18.49	20.49	19.23	18.64	19.83	18.82	19.82
Pounds of Yard Trimmings collected per customer per week		6.83	6.25	9.98	6.43	7.32	12.57	8.11	8.25	7.99
Number of Yard Trimmings/Organics Customers		193,110	198,325	198,660	199,128	197,458	201,210	201,600	200,483	199,199
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		44	36	3	3	27	2	2	20	42

Austin Resource Recovery Curbside Collection and Drop Off Center Operations



Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

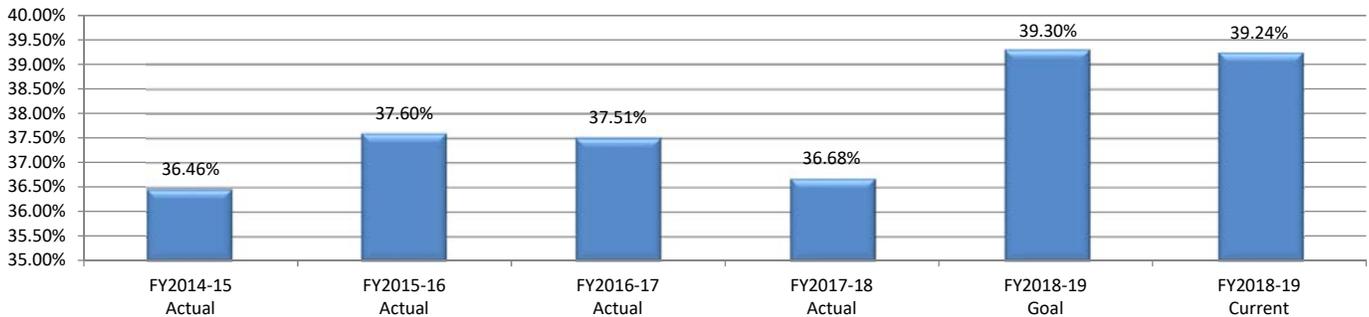


Reporting Status and Diversion Results for All Categories of Waste Generation

Category of Waste Generation	FY2014-15 Actual	FY2015-16 Actual	FY2016-17 Actual	FY2017-18 Actual	FY2018-19 Goal	FY2018-19 Current
Residential Waste Diversion (city serviced accounts)	36.46%	37.60%	37.51%	36.68%	39.30%	39.24%
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 2015	CY 2016	CY 2017
Commercial Tons Landfilled**	1,062,012	1,152,661	1,708,484
Commercial Tons Recycled**	550,515	360,244	722,573
Commercial Organics Tons**	556,099	206,165	97,173

** 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 - July 10th, 2019
Single Stream Recycling Statistical Report
FY19: October 2018 - May 2019
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 2018	TDS	2,292.54	\$93,700	\$207,475	(\$113,775)	(\$49.63)	\$22.52	\$51,628
	BRI	2,907.11	\$60,090	\$211,519	(\$151,430)	(\$52.09)	\$22.52	\$65,468
	<i>Total</i>	5,199.65	\$153,790	\$418,994	(\$265,205)			\$117,096
November 2018	TDS	1,890.70	\$71,812	\$171,108	(\$99,296)	(\$52.52)	\$22.52	\$42,579
	BRI	3,256.23	\$65,141	\$231,092	(\$165,951)	(\$50.96)	\$22.52	\$73,330
	<i>Total</i>	5,146.93	\$136,953	\$402,201	(\$265,247)			\$115,909
December 2018	TDS	2,164.25	\$81,734	\$195,865	(\$114,130)	(\$52.73)	\$22.52	\$48,739
	BRI	3,043.88	\$60,832	\$219,414	(\$158,582)	(\$52.10)	\$22.52	\$68,548
	<i>Total</i>	5,208.13	\$142,566	\$415,278	(\$272,712)			\$117,287
January 2019	TDS	2,256.70	\$83,512	\$204,231	(\$120,719)	(\$53.49)	\$22.52	\$50,821
	BRI	3,478.81	\$67,008	\$243,334	(\$176,326)	(\$50.69)	\$22.52	\$78,343
	<i>Total</i>	5,735.51	\$150,520	\$447,566	(\$297,046)			\$129,164
February 2019	TDS	1,767.72	\$60,030	\$159,979	(\$99,949)	(\$56.54)	\$22.52	\$39,809
	BRI	2,585.31	\$45,828	\$192,534	(\$146,705)	(\$56.75)	\$22.52	\$58,221
	<i>Total</i>	4,353.03	\$105,858	\$352,512	(\$246,654)			\$98,030
March 2019	TDS	1,710.00	\$54,164	\$154,755	(\$100,591)	(\$58.83)	\$22.52	\$38,509
	BRI	2,782.95	\$45,917	\$204,194	(\$158,277)	(\$56.87)	\$22.52	\$62,672
	<i>Total</i>	4,492.95	\$100,081	\$358,949	(\$258,868)			\$101,181
April 2019	TDS	2,241.97	\$62,901	\$202,898	(\$139,997)	(\$62.44)	\$22.52	\$50,489
	BRI	2,745.03	\$39,757	\$201,957	(\$162,200)	(\$59.09)	\$22.52	\$61,818
	<i>Total</i>	4,987.00	\$102,658	\$404,855	(\$302,197)			\$112,307
May 2019	TDS	1,829.78	\$52,746	\$165,595	(\$112,849)	(\$61.67)	\$22.52	\$41,207
	BRI	3,513.29	\$45,260	\$245,231	(\$199,971)	(\$56.92)	\$22.52	\$79,119
	<i>Total</i>	5,343.07	\$98,006	\$410,826	(\$312,820)			\$120,326
	FY19 Totals	40,466.27	\$990,433	\$3,211,181	(\$2,220,748)			\$911,300