



**To:** Zero Waste Advisory Commission

**From:** Richard McHale  
Interim Director  
Austin Resource Recovery Department

**Date:** August 14, 2019

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

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ARR Solicitations Update  
As of July 19, 2019  
ZWAC Meeting August 14, 2019

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

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. 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 section 15-6-157 A of [City Ordinance No. 20151119-098](#). No existing contract.
3. 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. [RFI 1500 SLW6000](#) was issued in July 2018 related to these services. That information is under review to establish a scope of work for solicitation. No existing contract.
4. 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.
5. 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.

**Definitions:**

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

6. Dumpster Collection and Cleaning Services for the Central Business District: RFI/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. [Link to current contract](#).
7. 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.
8. Recycling of Polyethylene (Plastic Film): [IFB 1500 SLW1022](#) – This will be resolicited. Only one response was received with the IFB, and it did not meet the City's needs. This will be resolicited as an RFQ. 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.
9. 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. [Link to current contract](#).
10. 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. [Link to current contract](#).
11. Routine Non-Residential (City facilities) Dumpster Collection Services: RFI/IFB – 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 at City facilities. [Link to current contract](#).
12. Textiles Curbside Recycling: [RFI 1500 SLW6003](#) – 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. [Link to current contract](#).
13. 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 vehicle spills for recycling, waste treatment, and ultimate disposal. Spills associated with these incidents are primarily non-hazardous total petroleum hydrocarbons (TPH) and engine coolant. [Link to current contract](#).

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## **Published Solicitations:**

N/A

## **Solicitations in Evaluation or Negotiation:**

1. Austin Resource Recovery Master Plan Update: [RFP 1500 SLW3003](#) – 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 8<sup>th</sup> ZWAC meeting (quorum not reached – rescheduled for June 4<sup>th</sup>), and the June 6<sup>th</sup> Council agenda, but was postponed until the June 20<sup>th</sup> Council agenda. It was approved by Council on June 20<sup>th</sup>.
2. Collection, Transportation, Processing, and Disposal of Hazardous Waste: [IFB 1500 SLW1025](#) – 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 closed on July 16, 2019.
3. 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.
4. Latex Paint Recycling: [RFP 1500 SLW3002](#) – 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 8<sup>th</sup> Council agenda.
5. Organics Processing Services: [IFB 1500 SLW1018](#) – 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 May 27, 2019 and closed on June 25, 2019.
6. Trash and Recycling Receptacles for Downtown: [IFB 1500 SLW1017](#) – 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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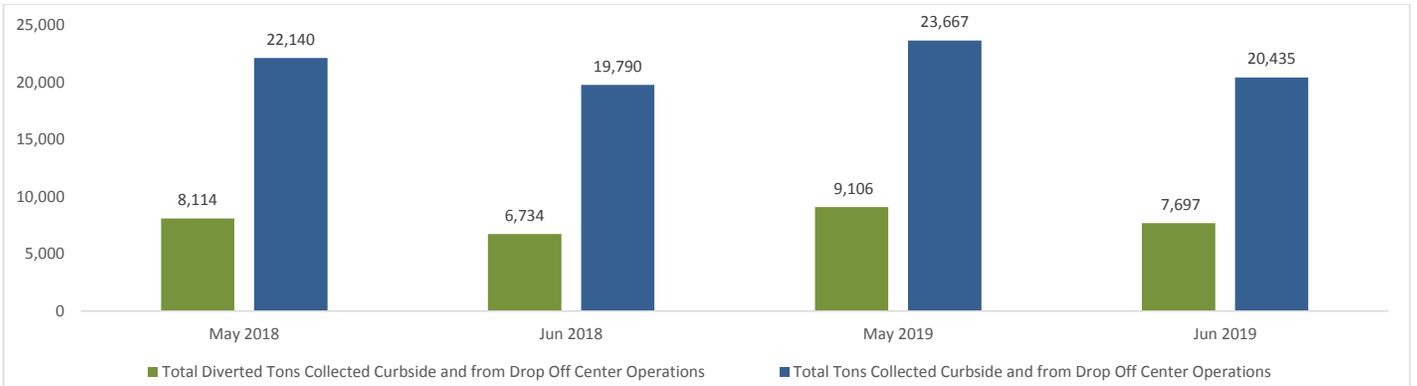
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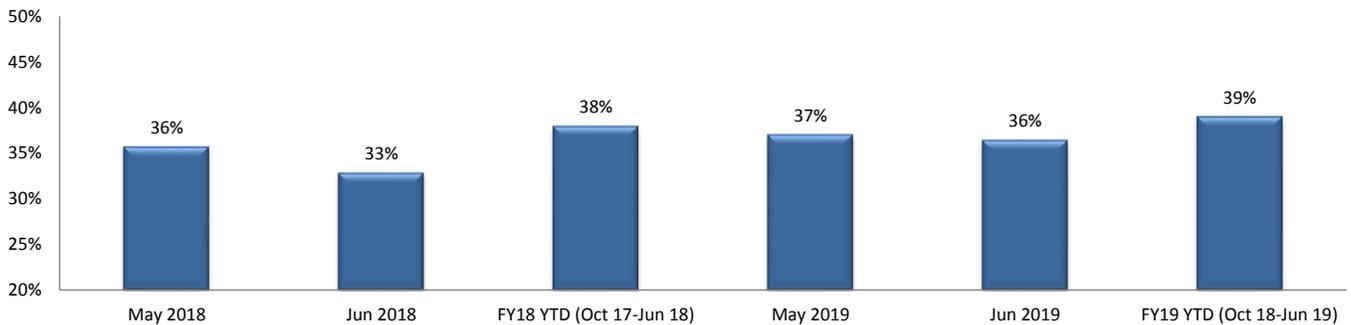
# Austin Resource Recovery Curbside Collection and Drop Off Center Operations

Description of Services		LAST FISCAL YEAR				CURRENT FISCAL YEAR				
		FY 2017	FY 2018	May 2018	Jun 2018	FY18 YTD (Oct 17-Jun 18)	May 2019	Jun 2019	FY19 YTD (Oct 18-Jun 19)	FY 2019 Goal
<b>Tons Disposed</b>	Tons of curbside Trash	131,815	128,829	11,771	10,574	97,773	11,970	10,490	98,357	134,253
	Tons of Curbside Bulk Disposed	11,179	10,231	1,332	1,433	7,220	1,515	1,329	7,339	11,227
	HHW Operations Tons Disposed	471	528	47	66	385	63	42	378	451
	Estimated Tons of Curbside Recycling Residuals*	9,471	10,642	877	983	7,697	1,013	877	8,639	10,670
	<b>Total Disposed Tons Collected Curbside and from Drop Off Center Operations</b>	<b>152,936</b>	<b>150,230</b>	<b>14,026</b>	<b>13,056</b>	<b>113,076</b>	<b>14,561</b>	<b>12,739</b>	<b>114,713</b>	<b>156,601</b>
<b>*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit</b>										
<b>Tons Diverted</b>	Tons of curbside recycling	49,233	48,005	4,400	3,767	36,657	4,330	3,789	36,494	51,330
	RRC Tons Recycled/Reused	1,641	1,986	155	178	1,405	201	182	1,663	1,810
	RRC Tons of Brush Collected	1,142	1,505	162	170	1,097	350	218	2,037	2,250
	HHW Operations Tons recycled/reused	465	469	48	47	327	46	43	357	558
	Tons of Drop Off Center Collections Recycled/Reused	3,087	3,759	337	360	2,670	571	411	3,879	4,453
	Tons of Curbside Yard Trimmings	34,316	32,244	2,776	1,962	27,000	3,543	2,711	31,368	41,367
	Tons of Curbside Bulk Recycled	161	201	28	36	160	26	32	178	165
	Tons of Curbside Brush Collected	7,367	6,292	497	550	4,537	583	717	4,527	7,900
	Tons of Curbside Textiles Collected	238	150	14	14	109	8	5	77	157
	Tons of Carts Recycled	197	154	33	8	128	18	0	116	175
	<b>Total Diverted Tons Collected Curbside and from Drop Off Center Operations</b>	<b>94,760</b>	<b>91,006</b>	<b>8,114</b>	<b>6,734</b>	<b>71,421</b>	<b>9,106</b>	<b>7,697</b>	<b>76,817</b>	<b>105,712</b>
	Tons of Curbside Compost Collected**	5,069	14,414	1,214	1,009	10,832	2,093	1,670	18,047	27,300
<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>247,696</b>	<b>241,236</b>	<b>22,140</b>	<b>19,790</b>	<b>184,496</b>	<b>23,667</b>	<b>20,435</b>	<b>191,530</b>	<b>262,313</b>
<b>Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR</b>		<b>37.51%</b>	<b>36.77%</b>	<b>35.66%</b>	<b>32.79%</b>	<b>37.89%</b>	<b>36.98%</b>	<b>36.36%</b>	<b>38.95%</b>	<b>39.30%</b>
<b>Pounds of Trash collected per customer per pickup</b>		<b>26.09</b>	<b>24.84</b>	<b>27.12</b>	<b>24.30</b>	<b>25.22</b>	<b>27.25</b>	<b>23.85</b>	<b>25.00</b>	<b>25.52</b>
Number of Trash and Recycling Customers		194,357	199,448	200,319	200,876	198,790	202,716	203,017	201,742	202,317
<b>Pounds of Recycled materials collected per customer per pickup (every other week)</b>		<b>19.61</b>	<b>18.62</b>	<b>20.40</b>	<b>17.42</b>	<b>19.02</b>	<b>19.83</b>	<b>17.33</b>	<b>18.66</b>	<b>19.82</b>
<b>Pounds of Yard Trimmings collected per customer per week</b>		<b>6.83</b>	<b>6.25</b>	<b>6.43</b>	<b>4.54</b>	<b>7.00</b>	<b>8.11</b>	<b>6.20</b>	<b>8.02</b>	<b>7.99</b>
Number of Yard Trimmings/Organics Customers		193,110	198,325	199,128	199,674	197,704	201,600	201,861	200,636	199,199
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		44	36	3	2	29	2	3	23	42

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



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

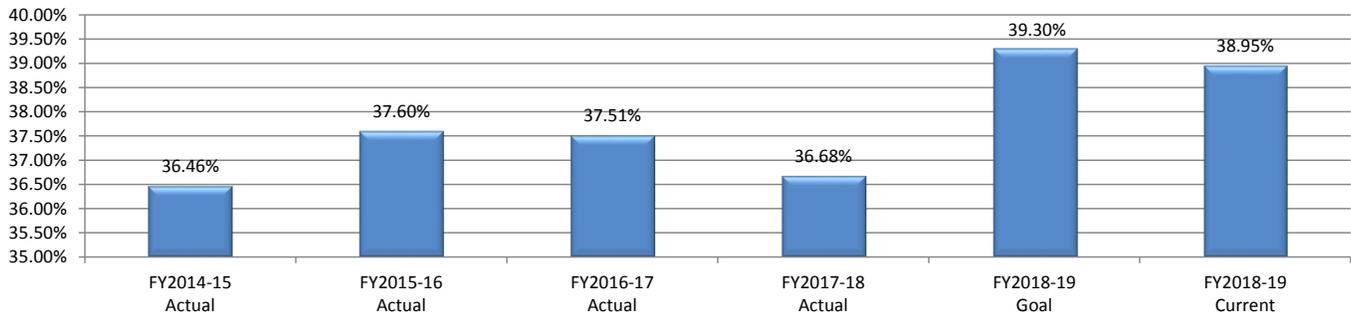


#### Reporting Status and Diversion Results for All Categories of Waste Generation

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%	38.95%
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 - August 14th, 2019**  
**Single Stream Recycling Statistical Report**  
**FY19: October 2018 - June 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
	<b>Total</b>	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
	<b>Total</b>	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
	<b>Total</b>	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
	<b>Total</b>	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
	<b>Total</b>	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
	<b>Total</b>	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
	<b>Total</b>	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
	<b>Total</b>	5,343.07	\$98,006	\$410,826	(\$312,820)			\$120,326
June 2019	TDS	1,924.09	\$54,107	\$174,130	(\$120,023)	(\$62.38)	\$22.93	\$44,119
	BRI	2,742.24	\$35,654	\$201,792	(\$166,138)	(\$60.58)	\$22.93	\$62,880
	<b>Total</b>	4,666.33	\$89,761	\$375,922	(\$286,162)			\$106,999
	<b>FY19 Totals</b>	<b>45,132.60</b>	<b>\$1,080,194</b>	<b>\$3,587,103</b>	<b>(\$2,506,910)</b>			<b>\$1,018,299</b>