



To: Zero Waste Advisory Commission

From: Ken Snipes
Director
Austin Resource Recovery

Date: August 19th, 2021

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

Landfill Closure Updates

The City of Austin's Landfill at 10108 FM 812 achieved final closure certification from the Texas Commission on Environmental Quality (TCEQ). TCEQ considers the facility to be closed and the post-closure care period to have begun on the date of the certification, May 11, 2021. The post-closure care period will be 30 years in accordance with 30 TAC §330.463(b). Post-closure maintenance inspections will be conducted at least through the end of the post-closure care period to determine if any maintenance issues or other problems occur and to ensure that they are corrected. The leachate collection system, groundwater monitoring system, landfill gas monitoring system, and any other required systems must be maintained throughout the post-closure care maintenance period.



ARR Solicitations Update
As of August 9, 2021
ZWAC Meeting August 19, 2021

Upcoming Solicitations Under Development (in alphabetical order):

1. Household Hazardous Waste and Recycling Collection Services: ILA – City will provide household hazardous waste, recycling, and other collection services for Travis County households located outside the incorporated limits of the City.

Solicitations Expected to be Posted Within the Next 90 Days:

1. Asbestos, Lead, and Mold Abatement Services: RFP – Contractor to provide removal, encapsulation, and disposition of asbestos, lead, particulate, and mold.
2. Recycling and Solid Waste Consulting Services: RFQS – Consultants to provide professional recycling industry consulting services, including delivering industry knowledge, technical advice, and recommendations on recycling industry marketing indexes and definitions on an as needed basis.

Published Solicitations:

No updates.

Solicitations in Evaluation or Negotiation:

1. Education, Cleanup, and Beautification Services: [RFP 1500 CRR3008](#) – This solicitation was posted on March 1, 2021 and closed on March 25, 2021. Contractors qualified to provide education, cleanup, and beautification services that benefit the public by improving Austin's environment and aesthetics through a variety of programs and providing resources and education that inspire Austin residents toward effective environmental stewardship. Previous contract has expired.
2. Post-Disaster Debris Removal Services:– [RFP 1500 SLW3011](#) – This solicitation was posted on March 29, 2021 and closed on May 13, 2021. Contractor to provide emergency debris removal services in accordance with Federal Emergency Management Administration (FEMA) guidelines. No existing contract
3. Post-Disaster Debris Monitoring Services: [RFP 1500 SLW3010](#) – This solicitation was posted on March 29, 2021 and closed on May 6, 2021. 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:

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

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

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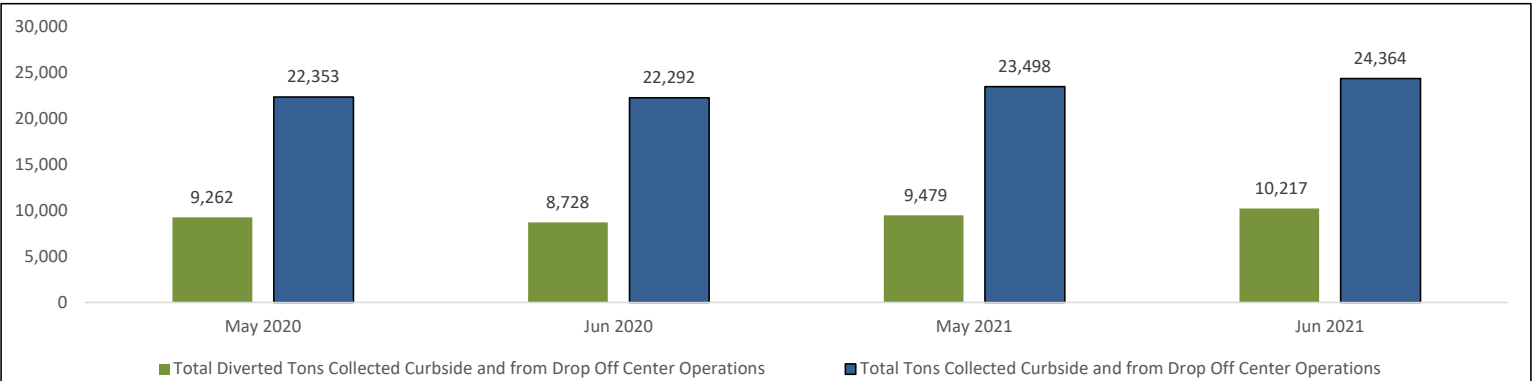
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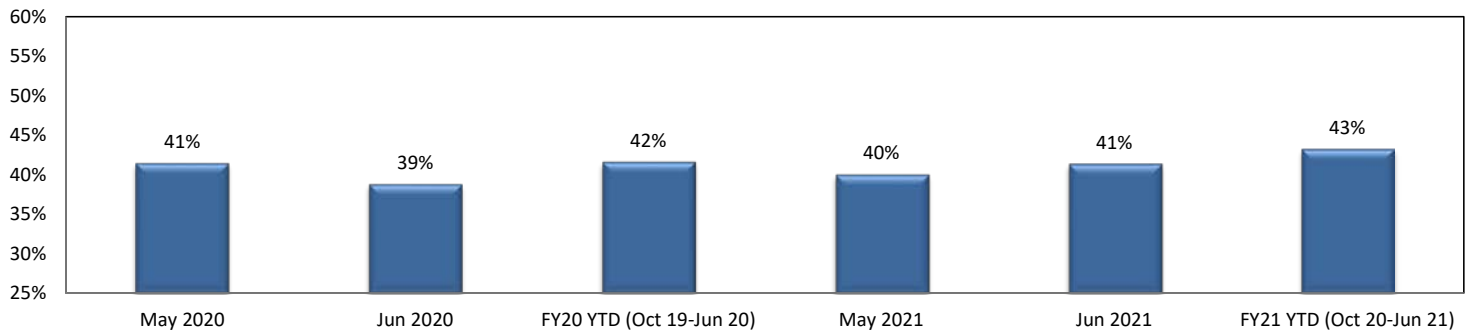
Austin Resource Recovery Curbside Collection and Drop Off Center Operations

		LAST FISCAL YEAR					CURRENT FISCAL YEAR			
Description of Services		FY 2019	FY 2020	May 2020	Jun 2020	FY20 YTD (Oct 19-Jun 20)	May 2021	Jun 2021	FY21 YTD (Oct 20-Jun 21)	FY 2021 Goal
Tons Disposed	Tons of curbside Trash	130,307	136,709	12,029	12,426	100,809	11,558	11,913	104,750	133,005
	Tons of Curbside Bulk Disposed	11,040	5,379	44	71	4,548	1,415	1,175	8,434	11,000
	HHW Operations Tons Disposed	517	347	0	36	265	83	70	526	600
	Estimated Tons of Curbside Recycling Residuals*	11,761	11,302	1,018	1,031	8,381	963	989	8,618	10,386
	Total Disposed Tons Collected Curbside and from Drop Off Center Operations	153,625	153,737	13,091	13,564	114,003	14,019	14,147	122,327	154,991
*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit										
Tons Diverted	Tons of curbside recycling	47,528	52,122	4,690	4,773	38,664	4,296	4,425	39,588	52,604
	RRC Tons Recycled/Reused	2,259	1,218	0	59	1,133	149	135	906	2,400
	RRC Tons of Brush Collected	2,595	1,722	0	93	1,676	63	161	508	2,000
	HHW Operations Tons recycled/reused	477	247	0	5	201	17	36	140	550
	Tons of Drop Off Center Collections Recycled/Reused	5,073	3,060	0	157	2,910	188	301	1,328	4,700
	Tons of Curbside Yard Trimmings	37,265	48,105	4,529	3,747	39,151	4,401	4,524	46,890	45,864
	Tons of Curbside Bulk Recycled	257	127	0	0	100	41	30	226	250
	Tons of Curbside Brush Collected	6,447	3,323	43	33	2,907	531	915	5,786	6,700
	Tons of Curbside Textiles Collected	77	25	0	0	0	4	4	31	180
	Tons of Carts Recycled	166	193	0	18	150	18	17	110	150
	Total Diverted Tons Collected Curbside and from Drop Off Center Operations	96,813	106,955	9,262	8,728	83,882	9,479	10,217	93,960	110,448
	Tons of Curbside Compost Collected**	22,040	38,711	3,696	3,101	31,162	4,401	4,524	43,864	45,864
***Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"										
Total Tons Collected Curbside and from Drop Off Center Operations		250,438	260,692	22,353	22,292	197,885	23,498	24,364	216,287	265,439
Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR		37.47%	40.38%	41.44%	38.78%	41.59%	40.00%	41.33%	43.20%	40.65%
Pounds of Trash collected per customer per pickup		24.78	25.57	26.98	27.75	25.21	25.43	26.12	25.72	24.62
Number of Trash and Recycling Customers		202,292	205,670	205,804	206,680	205,038	209,753	210,521	208,863	207,760
Pounds of Recycled materials collected per customer per pickup (every other week)		18.17	19.61	21.16	21.44	19.45	19.01	19.51	19.55	19.58
Pounds of Yard Trimmings collected per customer per week		7.12	9.05	10.21	8.41	9.85	9.74	9.97	11.58	8.53
Number of Yard Trimmings/Organics Customers		201,174	204,506	204,640	205,527	203,882	208,538	209,347	207,658	206,707
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		30	34	3	4	26	3	3	24	30

Austin Resource Recovery Curbside Collection and Drop Off Center Operations



Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

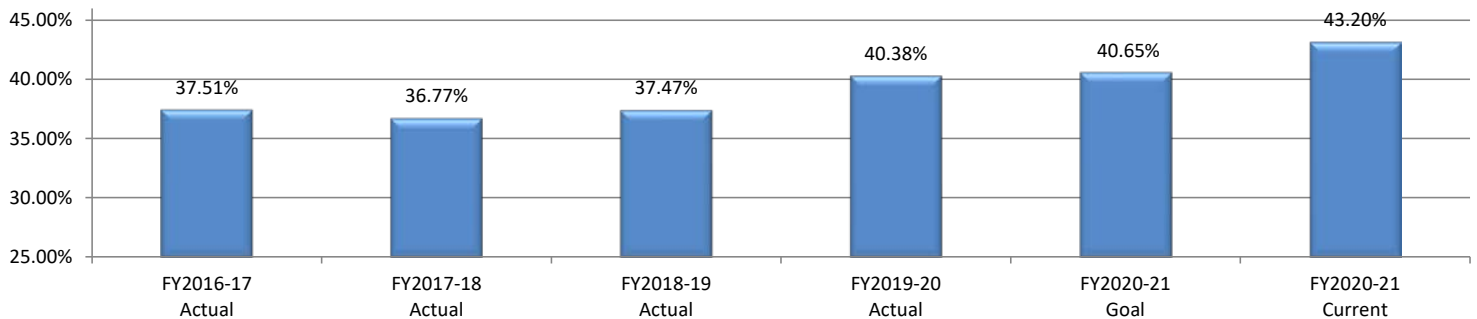


Reporting Status and Diversion Results for All Categories of Waste Generation

Category of Waste Generation	FY2016-17 Actual	FY2017-18 Actual	FY2018-19 Actual	FY2019-20 Actual	FY2020-21 Goal	FY2020-21 Current
Residential Waste Diversion (city serviced accounts)	37.51%	36.77%	37.47%	40.38%	40.65%	43.20%
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 2017	CY 2018	CY 2019
Commercial Tons Landfilled**	1,708,484	1,079,312	1,401,619
Commercial Tons Recycled**	722,573	402,292	470,786
Commercial Organics Tons**	97,173	80,906	102,215

** 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 14, 2021
Single Stream Recycling Statistical Report
FY21: October-May 2021

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 Amount Due/(Owed)	\$ per ton value	Cost Per Ton	Total
October 2020	TDS	2,094.01	\$81,991	\$189,508	(\$107,517)	(\$51.35)	\$22.87	\$47,890
	BRI	3,176.88	\$72,809	\$226,728	(\$153,919)	(\$48.45)	\$22.87	\$72,655
	Total	5,270.89	\$154,800	\$416,236	(\$261,437)			\$120,545
November 2020	TDS	2,451.34	\$102,134	\$221,846	(\$119,712)	(\$48.84)	\$22.87	\$56,062
	BRI	2,785.82	\$61,805	\$204,363	(\$142,558)	(\$51.17)	\$22.87	\$63,712
	Total	5,237.16	\$163,940	\$426,209	(\$262,269)			\$119,774
December 2020	TDS	2,487.24	\$113,935	\$225,095	(\$111,160)	(\$44.69)	\$22.87	\$56,883
	BRI	3,393.25	\$81,618	\$238,629	(\$157,010)	(\$46.27)	\$22.87	\$77,604
	Total	5,880.49	\$195,554	\$463,724	(\$268,170)			\$134,487
January 2021	TDS	2,349.30	\$114,152	\$212,612	(\$98,459)	(\$41.91)	\$22.87	\$53,728
	BRI	3,300.43	\$84,935	\$235,173	(\$150,238)	(\$45.52)	\$22.87	\$75,481
	Total	5,649.73	\$199,088	\$447,785	(\$248,697)			\$129,209
February 2021	TDS	1,594.73	\$79,885	\$144,323	(\$64,438)	(\$40.41)	\$22.87	\$36,471
	BRI	2,052.78	\$56,531	\$161,114	(\$104,582)	(\$50.95)	\$22.87	\$46,947
	Total	3,647.51	\$136,417	\$305,437	(\$169,020)			\$83,419
March 2021	TDS	3,043.48	\$161,486	\$275,435	(\$113,949)	(\$37.44)	\$22.87	\$69,604
	BRI	3,432.67	\$94,230	\$240,797	(\$146,566)	(\$42.70)	\$22.87	\$78,505
	Total	6,476.15	\$255,716	\$516,232	(\$260,516)			\$148,110
April 2021	TDS	2,135.54	\$119,927	\$193,266	(\$73,339)	(\$34.34)	\$22.87	\$48,840
	BRI	3,205.72	\$96,247	\$228,315	(\$132,067)	(\$41.20)	\$22.87	\$73,315
	Total	5,341.26	\$216,174	\$421,581	(\$205,407)			\$122,155
May 2021	TDS	2,468.37	\$153,870	\$223,387	(\$69,518)	(\$28.16)	\$22.87	\$56,452
	BRI	2,790.31	\$113,825	\$204,628	(\$90,803)	(\$32.54)	\$22.87	\$63,814
	Total	5,258.68	\$267,695	\$428,016	(\$160,321)			\$120,266
June 2021	TDS	2,384.16	\$173,198	\$215,766	(\$42,569)	(\$17.85)	\$22.87	\$54,526
	BRI	3,034.60	\$145,761	\$218,903	(\$73,142)	(\$24.10)	\$22.87	\$69,401
	Total	5,418.76	\$318,959	\$434,669	(\$115,711)			\$123,927
FY21 Totals		48,180.63	\$1,908,341	\$3,859,889	(\$1,951,548)			\$1,101,891



ZWAC

July 26th, 2021

Special Called Meeting

ARR Solicitations Updates & Reports



ARR Solicitations Update
As of June 21, 2021
ZWAC Meeting July 26th,
2021

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No updates.

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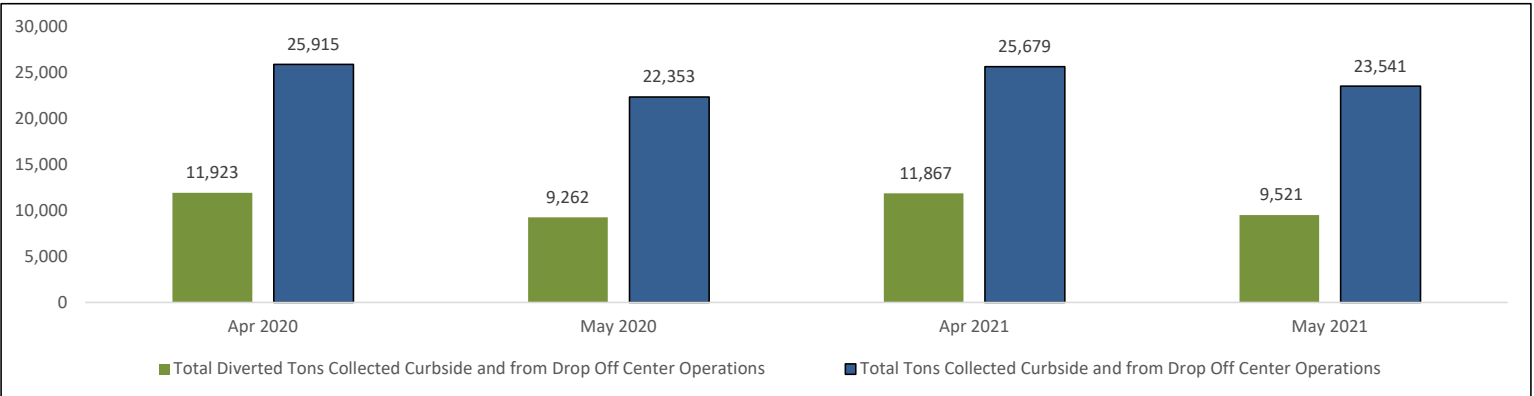
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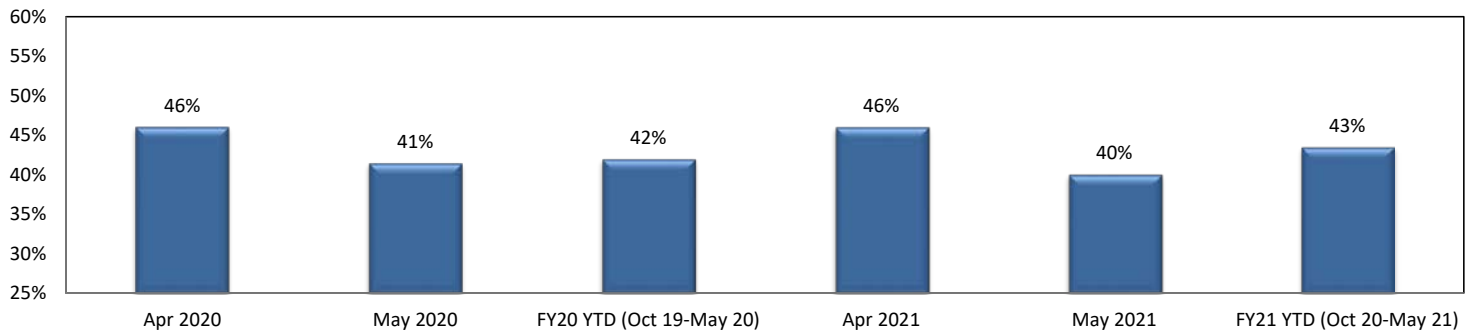
Austin Resource Recovery Curbside Collection and Drop Off Center Operations

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Tons Diverted	Tons of curbside recycling	47,528	52,122	4,825	4,690	33,892	4,369	4,296	35,163	52,604
	RRC Tons Recycled/Reused	2,259	1,218	0	0	1,074	107	192	814	2,400
	RRC Tons of Brush Collected	2,595	1,722	0	0	1,583	112	63	347	2,000
	HHW Operations Tons recycled/reused	477	247	0	0	196	17	17	104	550
	Tons of Drop Off Center Collections Recycled/Reused	5,073	3,060	0	0	2,752	221	231	1,069	4,700
	Tons of Curbside Yard Trimmings	37,265	48,105	6,741	4,529	35,404	6,496	4,401	42,366	45,864
	Tons of Curbside Bulk Recycled	257	127	6	0	100	14	41	196	250
	Tons of Curbside Brush Collected	6,447	3,323	324	43	2,874	762	531	4,871	6,700
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***Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"										
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Pounds of Trash collected per customer per pickup		24.78	25.57	28.37	26.98	24.89	26.01	25.43	25.67	24.62
Number of Trash and Recycling Customers		202,292	205,670	205,465	205,804	204,833	209,859	209,753	208,656	207,760
Pounds of Recycled materials collected per customer per pickup (every other week)		18.17	19.61	21.80	21.16	19.20	19.33	19.01	19.56	19.58
Pounds of Yard Trimmings collected per customer per week		7.12	9.05	15.23	10.21	10.03	14.37	9.74	11.78	8.53
Number of Yard Trimmings/Organics Customers		201,174	204,506	204,317	204,640	203,677	208,644	208,538	207,447	206,707
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		30	34	2	3	22	2	3	21	30

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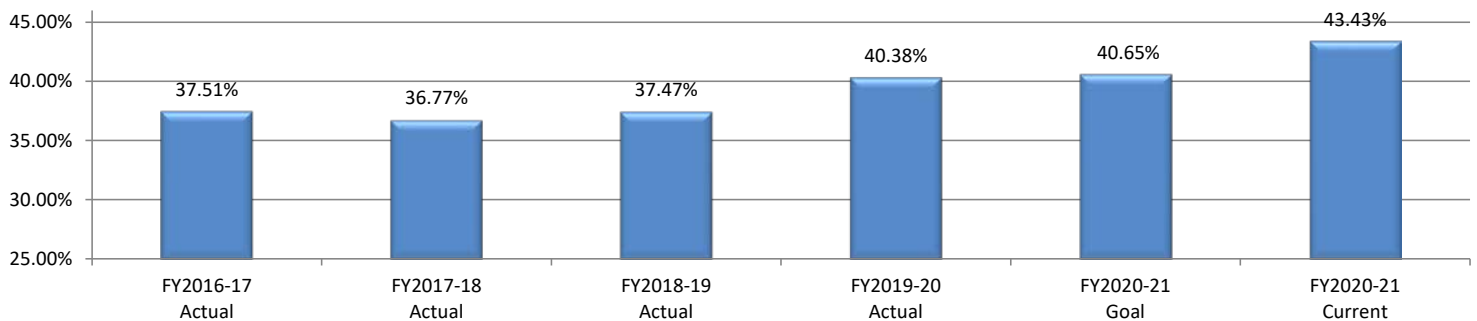


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Community Diversion Rate	*	*	*	*	*	*

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Residential Waste Diversion (city serviced accounts)



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Zero Waste Advisory Commission - July 14, 2021
Single Stream Recycling Statistical Report
FY21: October-May 2021

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 Amount Due/(Owed)	\$ per ton value	Cost Per Ton	Total
October 2020	TDS	2,094.01	\$81,991	\$189,508	(\$107,517)	(\$51.35)	\$22.87	\$47,890
	BRI	3,176.88	\$72,809	\$226,728	(\$153,919)	(\$48.45)	\$22.87	\$72,655
	Total	5,270.89	\$154,800	\$416,236	(\$261,437)			\$120,545
November 2020	TDS	2,451.34	\$102,134	\$221,846	(\$119,712)	(\$48.84)	\$22.87	\$56,062
	BRI	2,785.82	\$61,805	\$204,363	(\$142,558)	(\$51.17)	\$22.87	\$63,712
	Total	5,237.16	\$163,940	\$426,209	(\$262,269)			\$119,774
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	BRI	3,393.25	\$81,618	\$238,629	(\$157,010)	(\$46.27)	\$22.87	\$77,604
	Total	5,880.49	\$195,554	\$463,724	(\$268,170)			\$134,487
January 2021	TDS	2,349.30	\$114,152	\$212,612	(\$98,459)	(\$41.91)	\$22.87	\$53,728
	BRI	3,300.43	\$84,935	\$235,173	(\$150,238)	(\$45.52)	\$22.87	\$75,481
	Total	5,649.73	\$199,088	\$447,785	(\$248,697)			\$129,209
February 2021	TDS	1,594.73	\$79,885	\$144,323	(\$64,438)	(\$40.41)	\$22.87	\$36,471
	BRI	2,052.78	\$56,531	\$161,114	(\$104,582)	(\$50.95)	\$22.87	\$46,947
	Total	3,647.51	\$136,417	\$305,437	(\$169,020)			\$83,419
March 2021	TDS	3,043.48	\$161,486	\$275,435	(\$113,949)	(\$37.44)	\$22.87	\$69,604
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	Total	6,476.15	\$255,716	\$516,232	(\$260,516)			\$148,110
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May 2021	TDS	2,468.37	\$153,870	\$223,387	(\$69,518)	(\$28.16)	\$22.87	\$56,452
	BRI	2,790.31	\$113,825	\$204,628	(\$90,803)	(\$32.54)	\$22.87	\$63,814
	Total	5,258.68	\$267,695	\$428,016	(\$160,321)			\$120,266
FY21 Totals		42,761.87	\$1,589,383	\$3,425,220	(\$1,835,837)			\$977,964