



To: Zero Waste Advisory Commission
From: Sam Angoori, P.E., Interim Director
Austin Resource Recovery Department
Date: May 10th, 2017
Subject: **Director's Monthly Report to the Zero Waste Advisory Commission**

Mattress Recycling

At the time of our last update to ZWAC, an entrepreneur was in the process of establishing a private mattress recycling company. Late last year we learned that this business is no longer being pursued. Currently, we are unaware of any mattress recycling solutions locally. Staff plans to conduct best practices research, work with stakeholders in the business and non-profit community, and create a plan of action to address this gap. We expect to return to ZWAC within the next twelve months.

Actions Taken by City Council since last ZWAC Meeting

April 6, 2017 Council Agenda: Action postponed from March 23rd meeting of Council. Council passed an [ordinance](#) waiving Chapter 2-7, Article 6 (anti-lobbying and procurement) of the city code regarding solicitations for the collection, processing, resale, reuse and/or disposal of municipal solid waste, refuse, biosolids, compost, organics, special waste and recyclables.

April 20, 2017 Council Agenda: Three remaining vehicle/equipment purchases for FY17 unanimously recommended at November 9th ZWAC meeting were approved by Council.

April 19, 2017 Council Budget Work Session and Five Year Financial Forecast: ARR participated in a budget discussion with Council which marked a beginning of the City's Budget Process for FY18. ZWAC was asked to send any additional questions or feedback concerning the presentation to the staff liaison for ARR staff to respond at May 10th ZWAC, where ARR's portion of the session will be presented.

April 25, 2017 Council Working Group on Waste Management Policy: ZWAC appointed Commissioner Blaine as their representative to this group attended by multiple stakeholders and city staff. Council previously established this working group to examine and provide recommendations on Austin Resource Recovery and Austin Water organics and recycling policies and contracts. The working group is scheduled to return to the full City Council with recommendations no later than June 1, 2017.

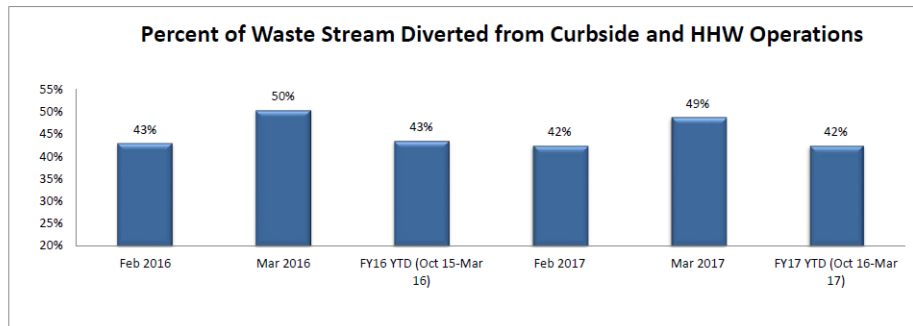
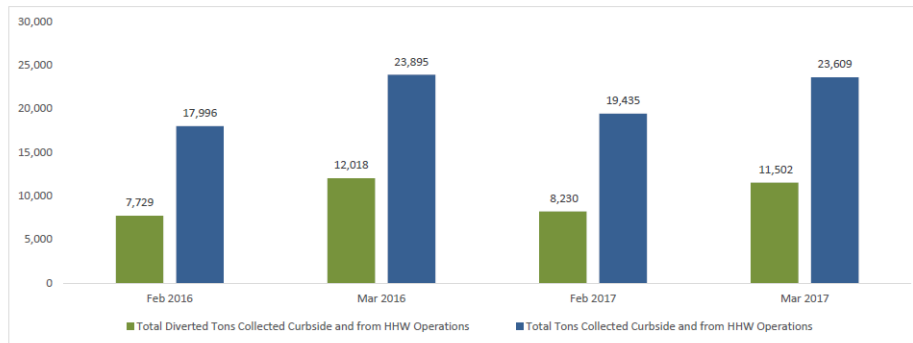
May 4, 2017 Council Agenda: Council authorized negotiation and execution of a professional services agreement for engineering services for the 2017 Brownfields Environmental Services Rotation List for an estimated period of five years or until financial authorization is expended. This was recommended 9-0 by ZWAC at April 12th meeting (Commissioner Joyce abstaining, White absent).

Statistical Reports

Austin Resource Recovery Curbside Collection and HHW Operations

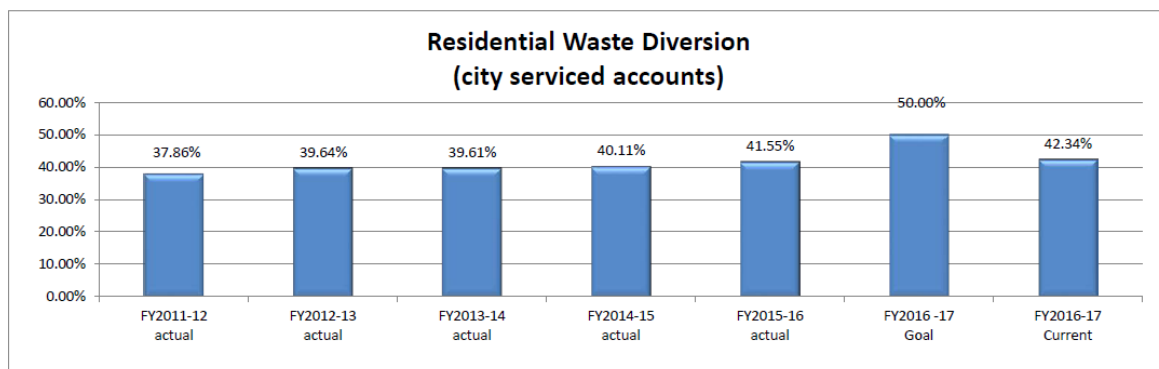
Description of Services	LAST FISCAL YEAR					CURRENT FISCAL YEAR			
	FY 2015	FY 2016	Feb 2016	Mar 2016	FY16 YTD (Oct 15-Mar 16)	Feb 2017	Mar 2017	FY17 YTD (Oct 16-Mar 17)	FY 2017 Goal
Tons Disposed									
Tons of curbside Trash	130,784	129,266	9,352	11,814	62,624	10,143	11,841	66,074	124,800
Tons of Curbside Bulk Disposed	9,525	11,869	878	26	5,294	1,023	219	4,302	7,581
HHW Operations Tons Disposed	432	468	37	37	220	39	47	220	360
Total Disposed Tons Collected Curbside and from HHW Operations	140,741	141,603	10,267	11,877	68,138	11,205	12,107	70,596	132,741
Tons Diverted									
Tons of curbside recycling	57,324	58,879	4,555	5,073	29,880	4,547	5,139	29,768	65,825
HHW Operations Tons recycled/reused	311	436	34	42	201	32	29	191	270
Tons of Curbside Yard Trimmings	28,036	32,605	2,708	5,874	18,574	3,037	5,477	18,177	40,407
Tons of Curbside Bulk Recycled	171	276	12	126	190	12	1	59	142
Tons of Curbside Brush Collected	7,776	8,460	420	903	3,524	603	857	3,649	8,000
Total Diverted Tons Collected Curbside and from HHW Operations	93,618	100,656	7,729	12,018	52,369	8,230	11,502	51,844	114,644
Total Tons Collected Curbside and from HHW Operations	234,359	242,259	17,996	23,895	120,507	19,435	23,609	122,440	247,385
Percent of Waste Stream Diverted by Curbside and HHW Operations	39.95%	41.55%	42.95%	50.30%	43.46%	42.35%	48.72%	42.34%	46.34%
Pounds of Trash collected per customer per pickup	25.96	25.83	22.50	28.31	25.08	24.18	28.12	26.24	24.59
Number of Trash customers	191,580	192,476	192,024	192,295	192,060	193,587	194,395	193,696	195,199
Pounds of Recycled materials collected per customer per pickup (every other week)	23.20	23.69	22.08	24.50	24.12	21.84	24.57	23.81	26.39
Pounds of Yard Trimmings collected per customer per week	5.67	6.56	6.56	14.18	7.50	7.29	13.09	7.27	6.21
Number of Recycling and Yard Trimmings customers	190,088	191,156	190,603	190,874	190,604	192,185	193,082	192,330	191,864
Number of PAYT pickups	52	52	4.33	4.34	26.00	4.33	4.33	26.00	52
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter	62	39	3	3	22	4	3	22	67
Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit	8,684	9,556	735	813	4,800	693	781	4,593	N/A

Austin Resource Recovery Curbside Collection and HHW Operations



Austin Resource Recovery Curbside Collection and HHW Operations

Reporting Status and Diversion Results for All Categories of Waste Generation							
Category of Waste Generation	FY2011-12 actual	FY2012-13 actual	FY2013-14 actual	FY2014-15 actual	FY2015-16 actual	FY2016-17 Goal	FY2016-17 Current
Residential Waste Diversion (city serviced accounts)	37.86%	39.64%	39.61%	40.11%	41.55%	50.00%	42.34%
Commercial / Industrial Waste Diversion	information not available						
Institutional Waste Diversion	information not available						



Zero Waste Advisory Commission - May 10th, 2017

Single Stream Recycling Statistical Report

FY17: October, 2016 - January, 2017

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 2016	TDS	1,938.46	\$97,782	\$175,431	(\$77,649)	(\$40.06)	\$21.55	\$41,774
	BRI	2,560.51	\$80,302	\$191,070	(\$110,768)	(\$43.26)	\$21.55	\$55,179
	Total	4,498.97	\$178,083	\$366,501	(\$188,417)			\$96,953
November 2016	TDS	2,033.25	\$107,888	\$184,009	(\$76,122)	(\$37.44)	\$21.55	\$43,817
	BRI	2,950.92	\$91,498	\$214,105	(\$122,607)	(\$41.55)	\$21.55	\$63,592
	Total	4,984.17	\$199,385	\$398,114	(\$198,728)			\$107,409
December 2016	TDS	1,818.52	\$98,093	\$164,576	(\$66,483)	(\$36.56)	\$21.55	\$39,189
	BRI	3,280.63	\$102,662	\$232,435	(\$129,773)	(\$39.56)	\$21.55	\$70,698
	Total	5,099.15	\$200,755	\$397,011	(\$196,256)			\$109,887
January 2017	TDS	2,740.22	\$154,167	\$247,990	(\$93,823)	(\$34.24)	\$21.55	\$59,052
	BRI	2,757.55	\$92,743	\$202,695	(\$109,952)	(\$39.87)	\$21.55	\$59,425
	Total	5,497.77	\$246,910	\$450,685	(\$203,775)			\$118,477
FY17 Totals		20,080.06	\$825,134	\$1,612,310	(\$787,176)			\$432,725