



**To:** Zero Waste Advisory Commission

**From:** Bob Gedert, Director  
Austin Resource Recovery Department

**Date:** July 9, 2014

**Subject:** Director's Report

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#### Economic Impact/Job Growth

New Jobs Created Through ARR's Zero Waste Contracts				
Contractor	Contract	Services	Contract Start	New Jobs
Balcones Resources	130000022	SSR Recycling Processing	10/1/12	19
Concept Development	130000032	URO Public Outreach	11/2/12	2
Great Communicate	130000032	URO Public Outreach	11/2/12	2
Organics by Gosh	120000192	Organics Processing Pilot	9/20/12	3
				<b>26</b>

#### URO and SUBO Administration Report for ZWAC - July 2014

Section 8.12 of the Department Administrative Rules, approved by City Council, states that enforcement of the Universal Recycling Ordinance requires the following steps:

- 1. First Written Letter of Non-Compliance.** Originally designed to be triggered by complaint, but can be triggered by staff review. Onsite inspection required to determine compliance. Responsible Party has 30 days to come into compliance.
- 2. Second Written Letter of Non-Compliance.** After expiration of the thirty days, staff performs site visit to determine compliance. If Responsible Party is not compliant, he/she has 30 days to achieve compliance. City may request written documentation to verify compliance.
- 3. Citation for Non-Compliance.** After expiration of the second written notice, if Responsible Party remains out of compliance, City staff issues a citation.

**1) Oct 1, 2012 affected URO properties (as of 6/24/14):**

- a) Number of properties affected - 692
- b) More than 600 properties making good faith efforts
- c) Approximately 90 properties sent certified letters in May 2014
- d) Site visits to ~25 properties
- e) Two (2) properties plan to refer to Code on July 17
- f) Expect ~24 properties ready for transfer to Code in September 2014

**2) Oct 1, 2013 affected URO properties (as of 6/24/14):**

- a) Number of properties affected - 334 total
- b) Approximately 236 properties are making good faith efforts
- c) ARR site visits to ~20 properties
- d) Approximately 98 properties will be sent certified letter in early July 2014
- e) Expecting no more than 98 properties will be referred to Code in early November 2014

**Single Use Bag Ordinance Update**

- Report to include (as of June 1, 2014):
  - Number of business affected by ordinance
  - Approximately 13,500
- Number of businesses with alternative compliance bags
  - 10 current businesses with approved alternative compliance bags
  - 3 businesses with approved no handle bags
- Number of businesses authorized with deferred compliance
  - 3 businesses –allowed to use 40% recycled content existing inventory paper bags (expires Sept. 1, 2014)
    - Northwest Hills Pharmacy,
    - Williams Sonoma (5 locations),
    - Buckle
- Number of businesses authorized with emergency option for single use bag distribution
  - 1 business – temporary distribution of carryout bags for \$1 transaction fee (expires Feb. 28, 2015)
    - HEB - 24 locations
- Number of businesses out of compliance
  - Two (2) known properties: Lakeline Mall and Lakeline Plaza - Simon Properties (property manager) was contacted on 6/19/14 after ARR received a complaint. Simon Properties responded immediately and agreed to put up at least 50 signs in parking lots. These properties have a Cedar Park address, so property and business managers were unaware that the property is within the Austin Full-purpose jurisdiction and required to comply with SUBO. Businesses within this property have

received a letter with the rules of the ordinance. ARR will follow up with Simon Properties in August to verify full compliance by September 1.

- Estimated number of transactions with emergency single use bags distributed – Less than ¾ of 1% of total transactions at H-E-B.
- Number of reusable bags distributed by ARR ~ 29,000 YTD

### **Internal Waste Composition Study/External Diversion Rate Measurement**

Consistent with metrics and measurement portion of Austin Resource Recovery's Master Plan (pages 233 and 237), the Department is contracting with CB&I, an engineering services company, to conduct two studies: (1) an Internal Waste Composition Study of trash and recycling streams collected by ARR, and (2) an External Diversion Rate Study to measure diversion. The studies will provide information about the composition of material streams generated by residents and businesses, measure progress toward our Zero Waste goal, and outline opportunities to enhance diversion programs. ARR utilized the City's engineering rotation list which allows the Department to utilize qualified vendors previously approved by the Austin City Council.

The Internal Waste Composition Study is scheduled for Aug./Sept. 2014 and Aug./Sept. of 2019; reports are due by December 15 of each year. The External Diversion Rate Study will be performed in mid-2015 and again in mid-2020, with reports due March 1 of the following year in each case.

### ***Staff Hires and Promotion Updates***

New Employee	Promotion & Transfers	Notes: Title/ Division
Natalie Betts		Economic & Business Development Liaison
Thomas Castruitra		Austin Resource Recovery Operator
Jesus Sanchez		Austin Resource Recovery Operator Associate
Datrin Guyton		Austin Resource Recovery Operator
Charles Offor		MuniProg, Service/Maintenance (Temporary)
Tiffany Lieu		Marketing Representative B
Katrina Fenrick		GIS Supervisor

New Employee	Promotion & Transfers	Notes: Title/ Division
Jorge Vega		Occupational Health and Safety Specialist
Jonathan Mays		Contract Compliance Specialist
(Transfer)	Arnold Castellanos	Austin Resource Recovery Crew Leader
Amy Slagle		Assistant Division Manager
Luis Tejero		Assistant Division Manager
Anthony Freeman		Financial Consultant
Skylar Smith		Financial Consultant
Teresa Chapman		Waste Diversion Planner Senior
Joshua Sanders		Austin Resource Recovery Operator Specialist Senior
Ramon Maldonado		Austin Resource Recovery Operator Specialist Senior
Ignacio Torres		Austin Resource Recovery Operator Specialist Senior

***Positions Currently to be Filled***

Position	# Open	Manager	Posting Status
Financial Specialist	2	Jessica Edwards	Interviews scheduled
Contract Compliance Specialist	1	Jessica Edwards	Position posted
Contract Development Analyst	1	Jessica Edwards	Position to be posted
Department Quality Analyst	1	Mike Turner	Position to be posted
Administrative Supervisor	1	Sam Angoori	Interviews scheduled
Planner Senior	1	Jessica King	Position posted

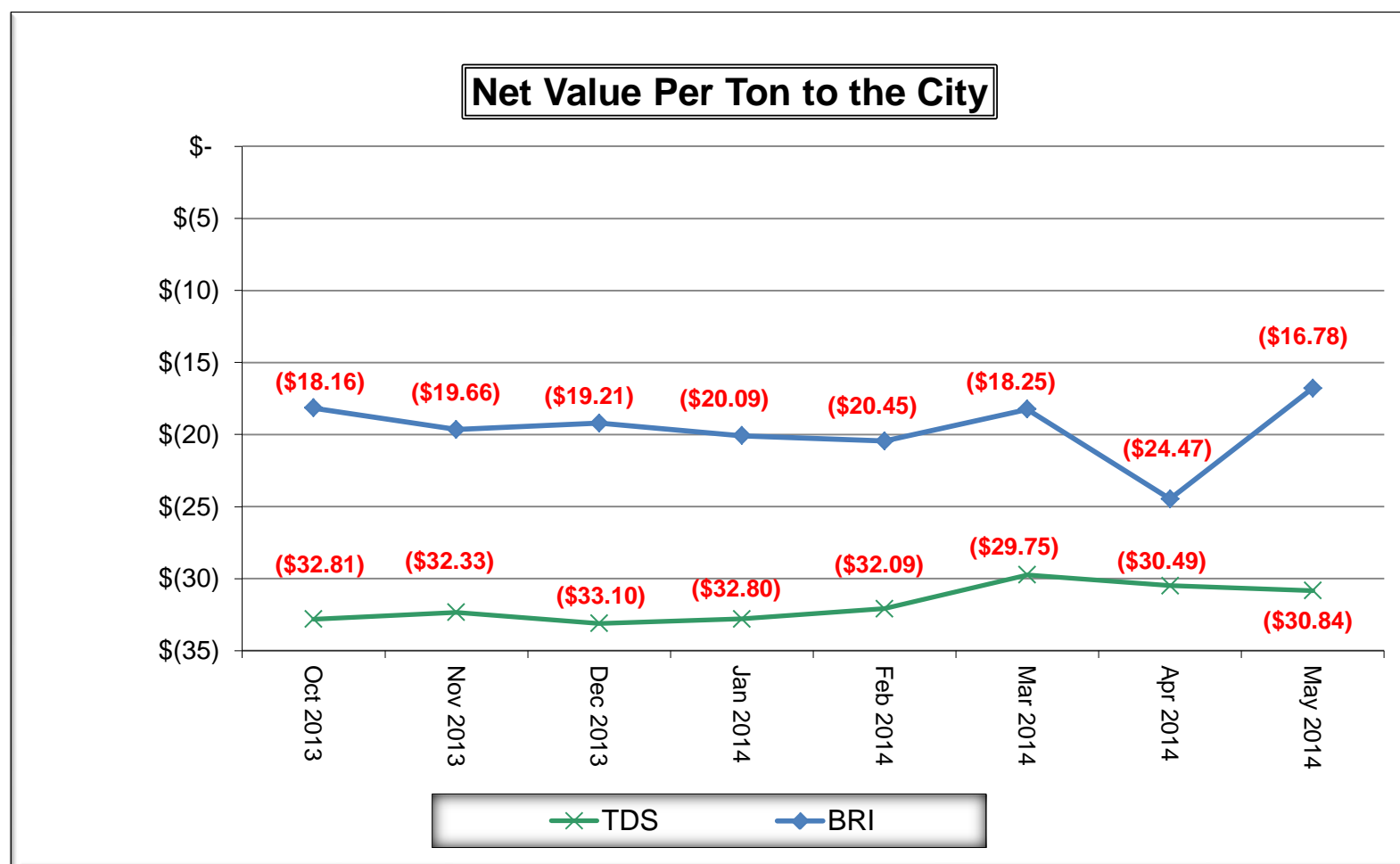
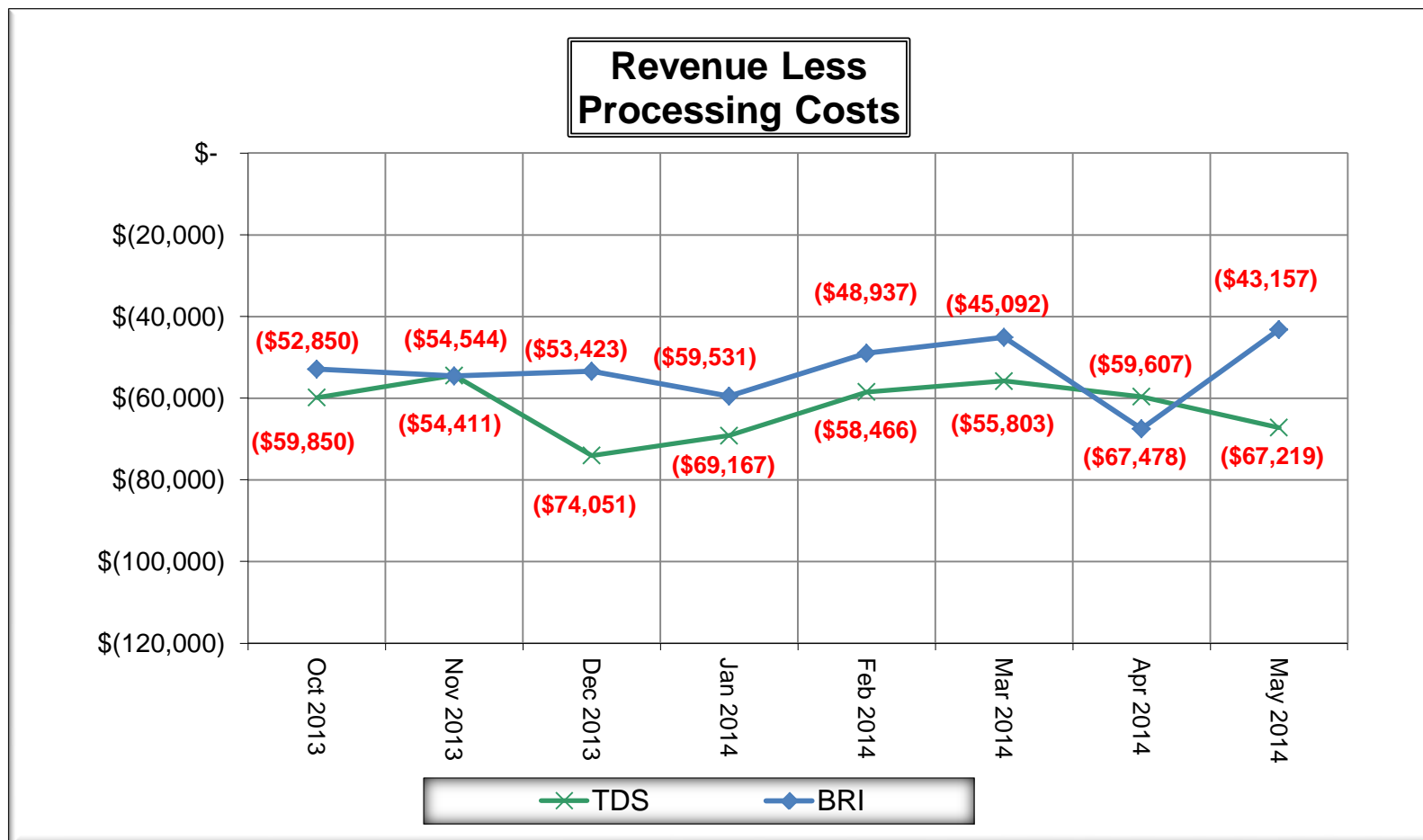
<b>Position</b>	<b># Open</b>	<b>Manager</b>	<b>Posting Status</b>
Public Information Specialist Senior	1	Jessica King	Position posted
Administrative Specialist	1	Richard McHale	Interviews scheduled
Austin Resource Recovery Operator	3	Ron Romero	top candidates identified
Assistant Division Manager	1	Donald Hardee	Screening applications
Austin Resource Recovery Operator	4	Vidal Maldonado	top candidates identified
Austin Resource Recovery Supervisor	1	Ron Romero	Position to be Posted

**Zero Waste Advisory Commission - July 9, 2014**  
**Single Stream Recycling Statistical Report**  
**FY 2013-14: October, 2013 through May, 2014**  
**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 2013	TDS	1,824.24	\$108,623	\$168,473	(\$59,850)	(\$32.81)	\$21.01	\$38,327
	BRI	2,910.84	\$177,974	\$230,825	(\$52,850)	(\$18.16)	\$21.01	\$61,157
	Total	4,735.08	\$286,598	\$399,298	(\$112,701)			\$99,484
November 2013	TDS	1,682.84	\$99,569	\$153,980	(\$54,411)	(\$32.33)	\$21.01	\$35,356
	BRI	2,775.04	\$165,885	\$220,429	(\$54,544)	(\$19.66)	\$21.01	\$58,304
	Total	4,457.88	\$265,454	\$374,409	(\$108,955)			\$93,660
December 2013	TDS	2,237.24	\$130,657	\$204,707	(\$74,051)	(\$33.10)	\$21.01	\$47,004
	BRI	2,781.35	\$167,489	\$220,913	(\$53,423)	(\$19.21)	\$21.01	\$58,436
	Total	5,018.59	\$298,146	\$425,620	(\$127,474)			\$105,441
January 2014	TDS	2,108.75	\$123,783	\$192,951	(\$69,167)	(\$32.80)	\$21.01	\$44,305
	BRI	2,963.60	\$175,333	\$234,864	(\$59,531)	(\$20.09)	\$21.01	\$62,265
	Total	5,072.35	\$299,116	\$427,814	(\$128,698)			\$106,570
February 2014	TDS	1,821.99	\$108,246	\$166,712	(\$58,466)	(\$32.09)	\$21.01	\$38,280
	BRI	2,392.85	\$142,235	\$191,172	(\$48,937)	(\$20.45)	\$21.01	\$50,274
	Total	4,214.84	\$250,482	\$357,884	(\$107,403)			\$88,554
March 2014	TDS	1,875.52	\$115,807	\$171,610	(\$55,803)	(\$29.75)	\$21.01	\$39,405
	BRI	2,470.59	\$152,032	\$197,124	(\$45,092)	(\$18.25)	\$21.01	\$51,907
	Total	4,346.11	\$267,839	\$368,733	(\$100,894)			\$91,312
April 2014	TDS	1,954.76	\$119,253	\$178,861	(\$59,608)	(\$30.49)	\$21.01	\$41,070
	BRI	2,757.04	\$151,574	\$219,052	(\$67,478)	(\$24.47)	\$21.01	\$57,925
	Total	4,711.80	\$270,827	\$397,912	(\$127,085)			\$98,995
May 2014	TDS	2,179.65	\$132,219	\$199,438	(\$67,219)	(\$30.84)	\$21.01	\$45,794
	BRI	2,572.14	\$161,740	\$204,897	(\$43,157)	(\$16.78)	\$21.01	\$54,041
	Total	4,751.79	\$293,959	\$404,335	(\$110,376)			\$99,835
FY 2013-14 Totals		37,308	\$2,232,420	\$3,156,006	(\$923,586)			\$783,850

Material Composition Percentages				
	Previous Audit		Current Audit	
	TDS	BRI	TDS	BRI
Material	10/19/13	11/16/13	4/26/14	4/12/14
ONP #8 (Old Newspaper)	17.56%	23.88%	15.74%	25.52%
OCC (Corrugated Cardboard)	13.49%	10.99%	15.77%	10.58%
Mixed Paper	15.59%	13.51%	12.28%	12.00%
Plastic Bottles - PETE	3.00%	3.25%	2.93%	2.27%
HDPE Natural	1.07%	0.83%	1.18%	0.88%
HDPE Color	0.94%	0.79%	1.08%	0.91%
Mixed Plastics 3-7	3.77%	2.16%	3.19%	2.02%
UBC (Used Beverage Cans)	1.21%	1.08%	1.02%	0.50%
Tin Cans	1.63%	1.37%	1.18%	1.06%
Scrap Metal	0.87%	0.70%	0.74%	0.82%
Glass	28.76%	28.89%	27.21%	27.51%
Residual - trash	12.11%	12.55%	17.69%	15.93%
Total	100.00%	100.00%	100.00%	100.00%

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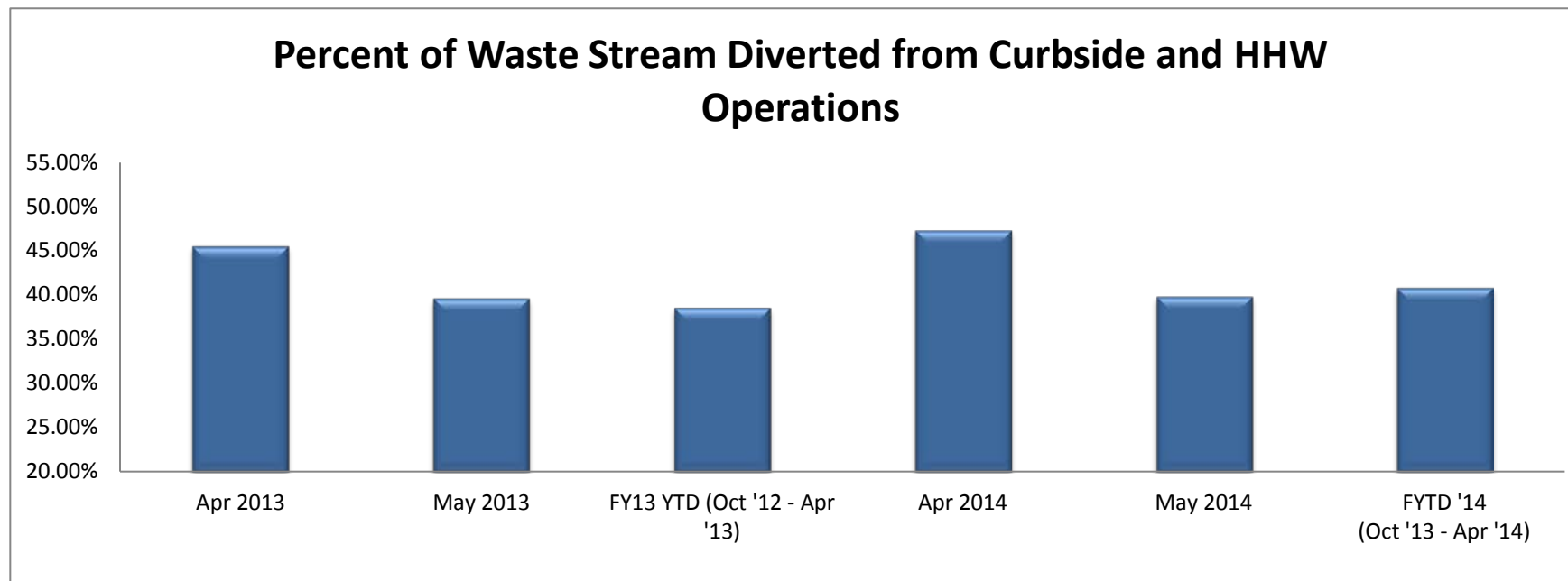
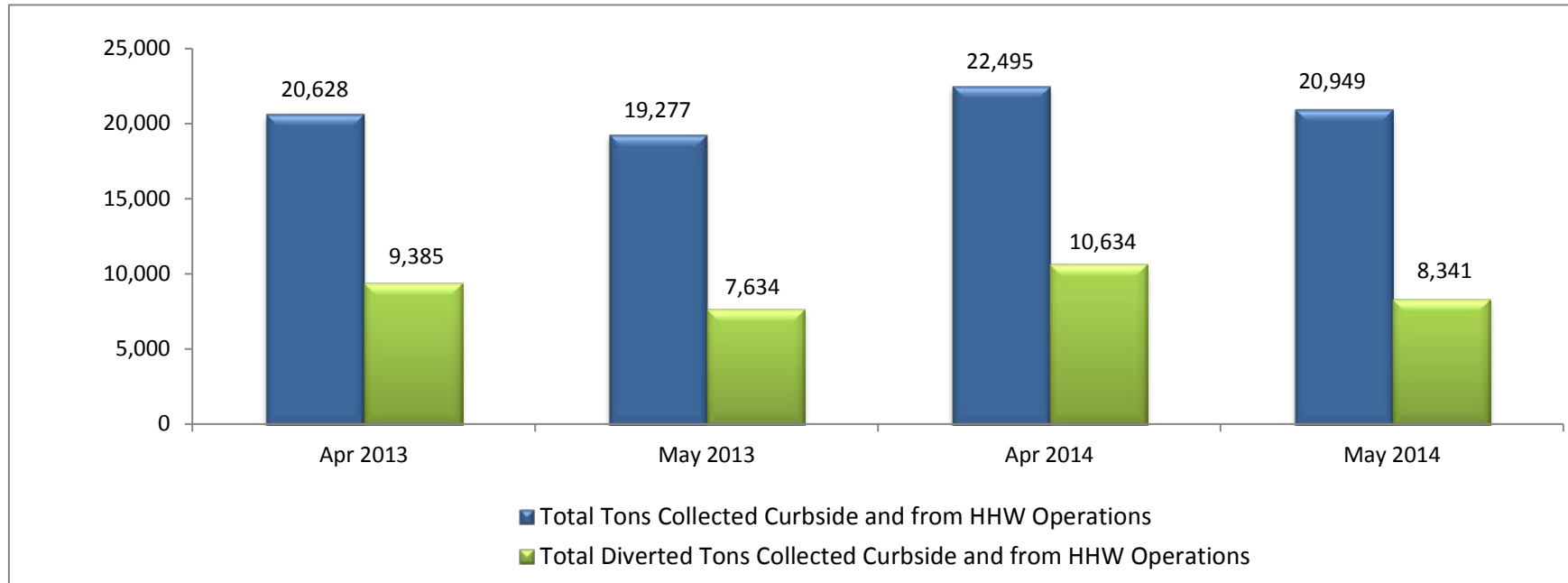


# Austin Resource Recovery Curbside Collection and HHW Operations

		LAST FISCAL YEAR					CURRENT FISCAL YEAR			
		FY 2013	FY 2013 Goal	Apr 2013	May 2013	FY13 YTD (Oct '12 -	Apr 2014	May 2014	FYTD '14 (Oct '13 -	FY 2014 Goal
Tons Disposed	Tons of curbside Garbage	124,183	127,000	10,994	11,120	88,274	11,408	11,385	84,434	123,000
	Tons of Curbside Bulk Disposed	8,500	6,600	210	485	4,716	417	1,175	5,302	7,000
	HHW Operations Tons Disposed	381	400	39	38	278	35.25	47.71	266	390
	<b>Total Disposed Tons Collected Curbside and from HHW Operations</b>	<b>133,064</b>	<b>134,000</b>	<b>11,243</b>	<b>11,643</b>	<b>93,268</b>	<b>11,860</b>	<b>12,608</b>	<b>90,002</b>	<b>130,390</b>
Tons Diverted	Tons of curbside recycling	53,702	62,500	4,536	4,767	36,704	4,712	4,752	37,088	64,000
	HHW Operations Tons recycled/reused	240	150	27	23	131	31.63	26.79	179	150
	Tons of Curbside Yard Trimmings	25,898	27,000	3,969	1,954	16,847	5,255	2,992	20,594	31,000
	Tons of Curbside Bulk Recycled	181	800	4	11	169	6	25	108	783
	Tons of Curbside Brush Collected	7,359	6,400	849	880	4,578	630	545	4,031	6,200
	<b>Total Diverted Tons Collected Curbside and from HHW Operations</b>	<b>87,380</b>	<b>96,850</b>	<b>9,385</b>	<b>7,634</b>	<b>58,429</b>	<b>10,634</b>	<b>8,341</b>	<b>62,000</b>	<b>102,133</b>
<b>Total Tons Collected Curbside and from HHW Operations</b>		<b>220,444</b>	<b>230,850</b>	<b>20,628</b>	<b>19,277</b>	<b>151,697</b>	<b>22,495</b>	<b>20,949</b>	<b>152,001</b>	<b>232,523</b>
<b>Percent of Waste Stream Diverted by Curbside and HHW Operations</b>		<b>39.64%</b>	<b>42%</b>	<b>45.50%</b>	<b>39.60%</b>	<b>38.52%</b>	<b>47.28%</b>	<b>39.82%</b>	<b>40.79%</b>	<b>44%</b>
<b>Pounds of Garbage collected per customer per pickup</b>		<b>25.53</b>	<b>26.03</b>	<b>27.07</b>	<b>27.81</b>	<b>27.72</b>	<b>27.78</b>	<b>27.71</b>	<b>25.82</b>	<b>24.64</b>
Number of Garbage customers		187,105	187,676	187,615	184,720	183,741	189,652	189,795	188,720	192,000
<b>Pounds of Recycled materials collected per customer per pickup (every other week)</b>		<b>22.25</b>	<b>25.62</b>	<b>22.50</b>	<b>24.02</b>	<b>23.22</b>	<b>23.26</b>	<b>23.43</b>	<b>22.98</b>	<b>25.64</b>
<b>Pounds of Yard Trimmings collected per customer per week</b>		<b>5.37</b>	<b>5.53</b>	<b>9.84</b>	<b>4.92</b>	<b>5.33</b>	<b>12.97</b>	<b>7.37</b>	<b>6.38</b>	<b>6.21</b>
Number of Recycling and Yard Trimmings customers		185,658	187,676	186,217	183,358	182,441	187,163	187,389	186,224	192,000
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		50	85	5	6	52	4	5	43	55



## 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	FY2009-10 actual	FY2010-11 actual	FY2011-12 actual	FY2012-13 actual	FY2013-14 goal	FY2013-14 current
Residential Waste Diversion (city serviced accounts)	37.32%	38.57%	37.86%	39.64%	44.00%	40.79%
Commercial / Industrial Waste Diversion	information not available*					
Institutional Waste Diversion	information not available*					
	*Non-residential waste diversion to be inventoried in 2015					

