



**To:** Zero Waste Advisory Commission

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

**Date:** May 9, 2012

**Subject:** **Director's Report**

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### ***Public Recycling***

The majority of the City's litter receptacles are located in the Central Business District, approximately 200 receptacles. ARR's Master Plan does call for expanding recycling in public places and with that, there are plans to convert some of these receptacles into recycling receptacles.

In addition, Public Works has agreed to include recycling receptacles in all future street renovations that are part of the Great Streets Program. The Great Streets Program and Public Works are coordinating the renovation of streets in the Downtown area. As these streets are renovated additional receptacles are being placed. This will expand the number of receptacles in the CBD to approximately 400.

Currently the only public receptacle recycling that is available is located between 18th and 31st Street, in the University of Texas area. There are 19 pilot program Big Belly litter/recycling receptacles in this area and the results thus far have been very encouraging. Approximately 50% of the materials being collected in the area are recyclable.

### ***Master Plan – Implementation Update***

FY13 Budgetary impact items for implementation of the Master Plan include:

- Marketing Campaigns for Zero Waste Initiatives, Reusable Bags Education and Outreach
- Business Outreach in support of the URO
- Planning, Development and Implementation of five Reuse/Recycle Centers
- RFQ release for Enhanced Gas Capture System
- RFQ release for Landfill Solar Field
- Continued Expansion of CNG Fuel Conversions

Additional staff supported through the FY13 Budget request include:

- Economic and Business Development Liaison
- Marketing Manager to support Zero Waste Program Development
- Waste Diversion Planner to support URO Implementation
- Operator to support Bulk Collection at Resource Recovery Facility

The final approved Master Plan has been posted on the City website at:

<http://www.austintexas.gov/news/austin-city-council-approves-30-year-plan-reach-zero-waste>

### ***ARR Annual Report***

The Department released its 2011 Annual Report on Thursday, May 3, 2012 and includes an overview of the Department's progress toward Zero Waste, achievements in resource recovery, and services provided to Austin residents and businesses. We are extremely proud of this document. It provides a historical look at the Department while providing a glimpse into our future. Highlights include:

- Diverted 38 percent of City-collected materials (83,093 tons) from the landfill
- Collected 127,053 tons of trash, a reduction from 2010
- Composted 30,271 tons of yard trimmings and large brush, an increase from 2010
- Recycled or reused 30 percent of the materials collected at the Household Hazardous Waste Facility, an increase from 2010
- Collected 6,343 tons of litter and debris from City streets
- Serviced 182,681 residential households
- Produced 8,333 gallons of Austin ReBlend paint, available to residents for free at the Household Hazardous Waste Facility
- Produced and broadcast Dare to Go Zero, the City's first reality TV show, in which four Austin families competed to reduce their household trash to zero
- Purchased 17 Compressed Natural Gas trucks, which are projected to use 35 to 50 percent less fuel than traditional trash and recycling trucks
- Installed 19 public trash and recycling containers along Guadalupe Street near The University of Texas at Austin
- Offered 67 free composting classes throughout Austin, teaching three times the number of residents compared to 2010

Printed copies were distributed to the City Manager's Office, City Council and Department Directors. Staff is also distributing printed copies to the Environmental Board, Sustainable Food Policy Board, Resource Management Board, and Water/Wastewater Commission as well as key stakeholders such as our recycling contractors, Block Leaders, and Neighborhood Associations. The full document is also available online and posted on the Department's Facebook site, and we emailed a notification to the entire Zero Waste list serve directing them to the online version. Internally, I have emailed my entire Department and will be distributing copies to all supervisors and managers.

To request printed copies, please contact Lauren Hammond at [lauren.hammond@austintexas.gov](mailto:lauren.hammond@austintexas.gov).

### ***Council Items***

The ARR Department has the following items scheduled for Council review:

5/2/12 Council Workshop	Five-Year Forecast Presentation
5/24/12 Council Agenda	Haulers Ordinance
5/24/12 Council Agenda	Clean Community Fee Ordinance

At the April 26th City Council meeting, a proclamation was made to make April 26th Keep Austin's Air Clean Day. Austin Resource Recovery utilizes 4 Hybrid Recycling Collection Vehicles in their Fleet which reduces emission up to 50% in comparison to regular diesel collection vehicles. Assistant Director Tammie Williamson and Operations Division Manager Ron Romero represented ARR at this event.

### ***Council Item Update Request (CIUR) 543: Interlocal agreement with City of Austin and Travis County***

The purpose of the ILA is to encourage consistency and collaboration regarding implementation of Zero Waste goals and principles. At the last collaboration meeting, discussions revolved around how we can work together to promote Zero Waste and implement programs to reach Zero Waste. Several options may be available including but not limited to:

- Services. Certain services and contracted services could be shared or extended to each jurisdictions residents or operations, including:
  - Resident access to Household Hazardous Waste facilities
  - City dumpster contract for recycling and trash collection
  - Resident access to Reuse/Recycling Drop-off facilities
  - Contracted food scrap composting services currently utilized by Travis County jail
- Ordinances. After the City of Austin passes an ordinance, it could be shared with Travis County for consideration by the Travis County Community Court for adoption by the County. Certain minimum requirements could be agreed upon in order to maintain consistency across jurisdictions. Ordinances of interest could include:
  - Event Recycling Ordinance
  - Hauler Ordinance
  - Universal Recycling Ordinance, including amendments to the Land Development Code
  - Construction and Demolition Recycling Ordinance

Travis County staff are reviewing the items discussed and will report back to ARR within the next month.

### ***Staff***

New employee	Promotions	Notes: Title/ Division	
	Ron Romero	From: Project Coordinator	To: Collection Services Division Manager
	Winston Evans	From: Solid Waste Operator	To: Solid Waste Operator Specialist
	Anthony Jones	From: Solid Waste Operator	To: Solid Waste Operator Specialist
Daniel Hernandez		Temporary, Administrative Support-Finance	
Randall Anderson		Temporary, Administrative Support-Finance	

### ***Job Postings***

Position	# of positions	Status
Contract Administrator	1	Posting Closes 05/10/2012
Operator Specialist (Collections)	2	Not Yet Posted
Planner Sr	3	Posting Closes 05/14/2012
Program Specialist	1	Not Yet Posted
Public Information Specialist Sr	1	Posting Closes 05/10/2012
Safety Asst. Division Manager	1	Not Yet Posted
Safety Division Manager	1	Not Yet Posted
Temporary, Accounting Associate	1	Posting Closes 05/10/2012

### ***Performance Measures and Statistical Reports***

See attachments.

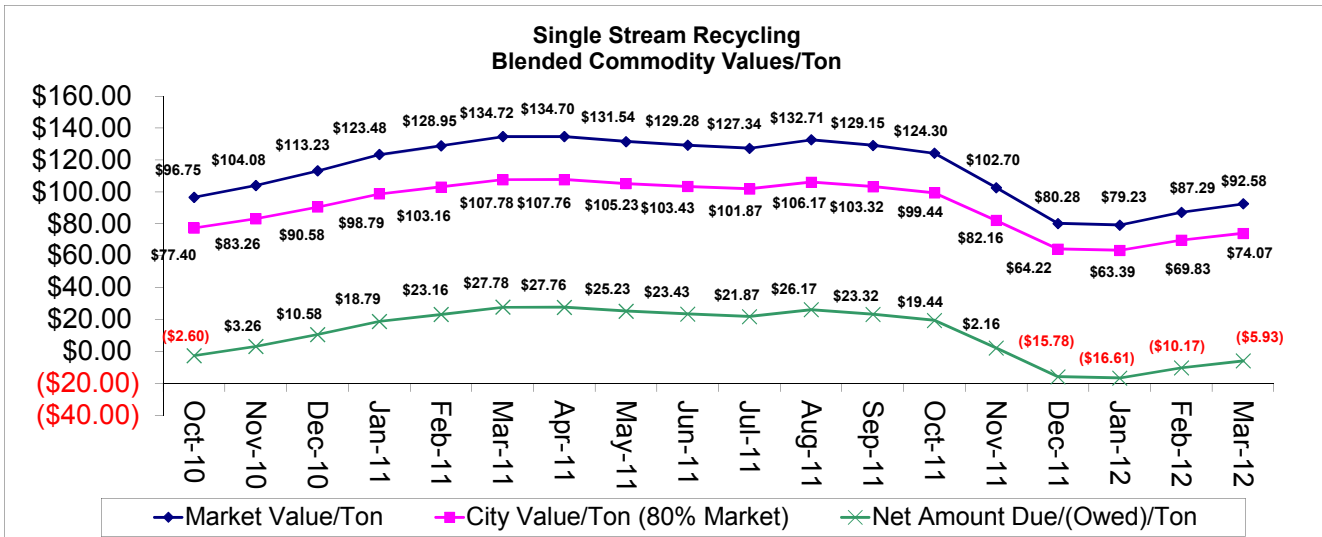
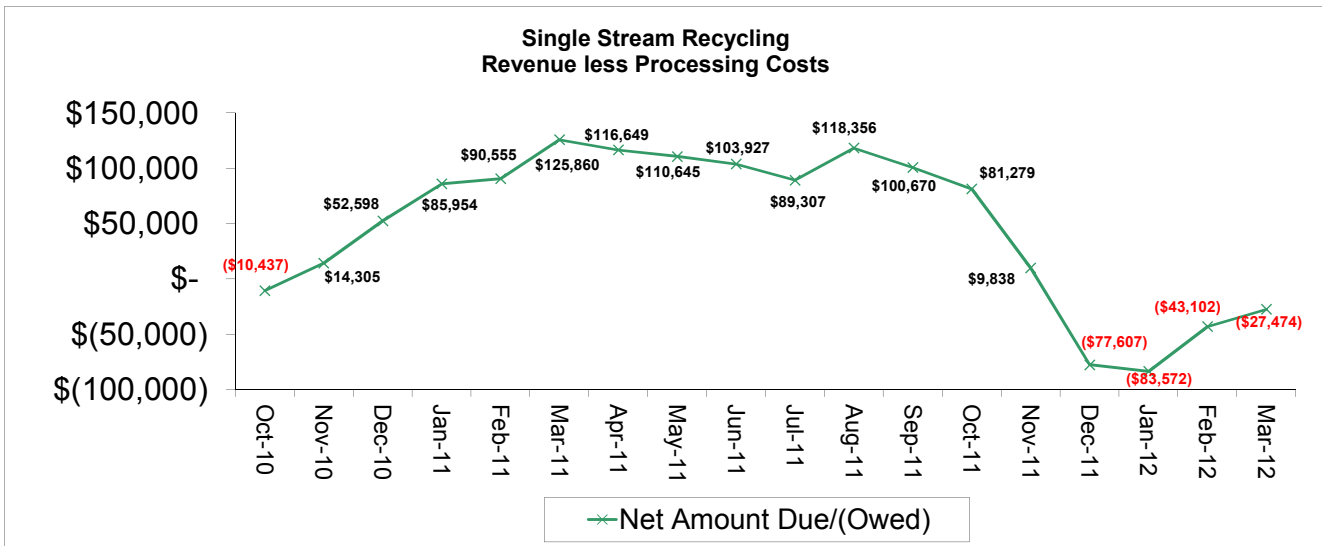
**Single Stream Recycling Statistical Report  
as of March 2012**

Month	Tons Delivered	Contractor Payments			Landfill Cost Avoidance	
		Revenue	Processing Cost	Net Amount Due/(Owed)	Per Ton	Total
October-10	4,016.67	\$310,896	\$321,334	(\$10,437)	\$19.94	\$80,092
November-10	4,389.46	\$365,461	\$351,156	\$14,305	\$19.94	\$87,526
December-10	4,972.47	\$450,396	\$397,798	\$52,598	\$19.94	\$99,151
January-11	4,575.35	\$451,982	\$366,028	\$85,954	\$19.94	\$91,232
February-11	3,909.79	\$403,338	\$312,783	\$90,555	\$19.94	\$77,961
March-11	4,531.25	\$488,360	\$362,500	\$125,860	\$19.94	\$90,353
April-11	4,202.05	\$452,813	\$336,164	\$116,649	\$19.94	\$83,789
May-11	4,385.61	\$461,493	\$350,849	\$110,645	\$19.94	\$87,449
June-11	4,436.60	\$458,855	\$354,928	\$103,927	\$20.63	\$91,527
July-11	4,083.74	\$416,007	\$326,699	\$89,307	\$20.63	\$84,248
August-11	4,523.28	\$480,219	\$361,862	\$118,356	\$20.63	\$93,315
September-11	4,316.51	\$445,990	\$345,321	\$100,670	\$20.63	\$89,050
FY11 Totals	52,342.78	\$5,185,811	\$4,187,422	\$998,389		\$1,055,694
October-11	4,181.89	\$415,830	\$334,551	\$81,279	\$20.63	\$86,272
November-11	4,552.52	\$374,040	\$364,202	\$9,838	\$20.63	\$93,918
December-11	4,918.05	\$315,837	\$393,444	(\$77,607)	\$20.63	\$101,459
January-12	5,030.20	\$318,844	\$402,416	(\$83,572)	\$20.63	\$103,773
February-12	4,239.70	\$296,074	\$339,176	(\$43,102)	\$20.63	\$87,465
March-12	4,629.89	\$342,917	\$370,391	(\$27,474)	\$20.63	\$95,515
FY12 Totals	27,552.25	\$2,063,542	\$2,204,180	(\$140,638)		\$568,403

Blended Commodity Values per Ton				
Month	Market Value/Ton	City Value/Ton (80% Market)	Processing Cost/Ton	Net Amount Due/(Owed)/Ton
October-10	\$96.75	\$77.40	\$80.00	(\$2.60)
November-10	\$104.08	\$83.26	\$80.00	\$3.26
December-10	\$113.23	\$90.58	\$80.00	\$10.58
January-11	\$123.48	\$98.79	\$80.00	\$18.79
February-11	\$128.95	\$103.16	\$80.00	\$23.16
March-11	\$134.72	\$107.78	\$80.00	\$27.78
April-11	\$134.70	\$107.76	\$80.00	\$27.76
May-11	\$131.54	\$105.23	\$80.00	\$25.23
June-11	\$129.28	\$103.43	\$80.00	\$23.43
July-11	\$127.34	\$101.87	\$80.00	\$21.87
August-11	\$132.71	\$106.17	\$80.00	\$26.17
September-11	\$129.15	\$103.32	\$80.00	\$23.32
October-11	\$124.30	\$99.44	\$80.00	\$19.44
November-11	\$102.70	\$82.16	\$80.00	\$2.16
December-11	\$80.28	\$64.22	\$80.00	(\$15.78)
January-12	\$79.23	\$63.39	\$80.00	(\$16.61)
February-12	\$87.29	\$69.83	\$80.00	(\$10.17)
March-12	\$92.58	\$74.07	\$80.00	(\$5.93)

Material Composition Percentages						
Material	Date of Waste Stream Audit					
	10/30 & 11/20/2010	2/19/2011	6/18/2011	10/1/2011	1/14/2012	4/28/2012
ONP	30.34%	25.89%	21.26%	14.47%	23.36%	
OCC	9.58%	13.99%	12.01%	7.12%	11.84%	
Mixed Paper	12.99%	14.34%	13.72%	26.00%	15.14%	
Tin	1.93%	1.81%	1.65%	1.79%	1.71%	
Aluminum	1.28%	0.95%	1.39%	1.33%	0.89%	
NHDPE	1.06%	1.16%	1.12%	1.08%	0.95%	
CHDPE	1.09%	1.00%	1.07%	1.07%	0.83%	
PETE	3.23%	3.30%	3.36%	3.22%	2.07%	
Glass	28.64%	26.88%	25.36%	26.17%	25.64%	
Residual	7.36%	8.26%	14.86%	13.90%	14.77%	
Plastics 3-7	1.97%	1.83%	3.46%	3.06%	2.18%	
Other	0.53%	0.59%	0.74%	0.79%	0.62%	
	100.00%	100.00%	100.00%	100.00%	100.00%	
For Billing Purposes	Used for Oct10 thru Jan11	Used for Feb11 thru May11	Used for Jun11 thru Sept11	Used for Oct11 thru Dec11	Use for Jan12 thru Mar12	

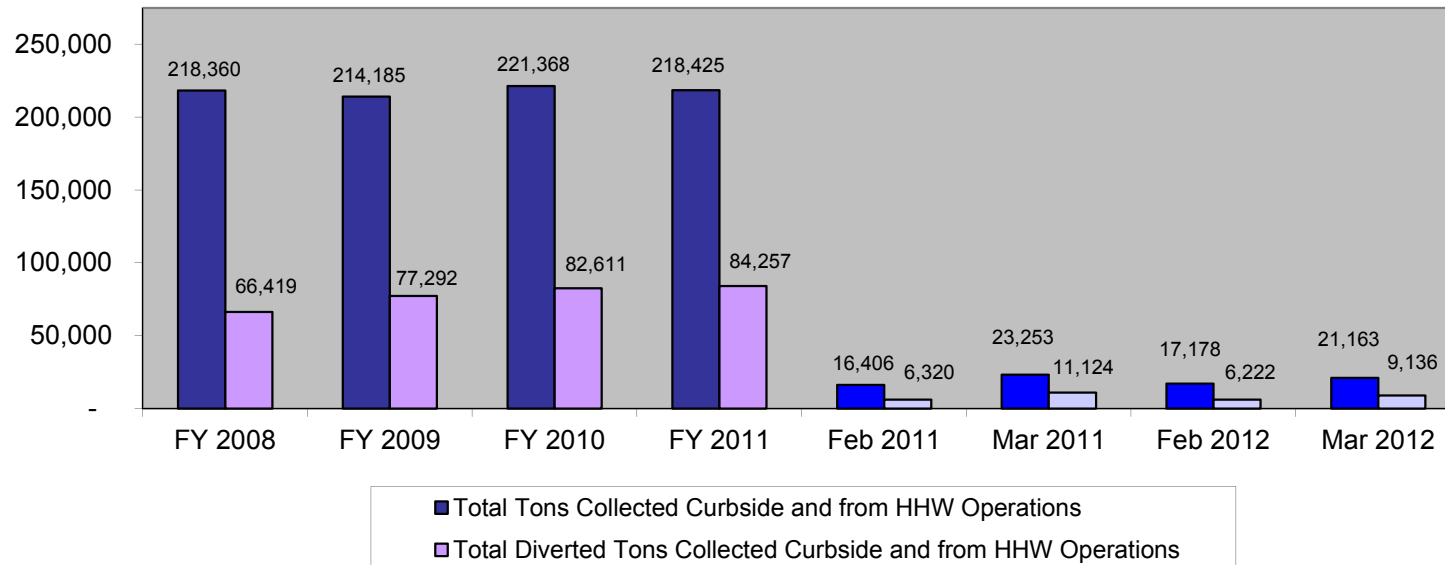
## Single Stream Recycling Statistical Report as of March 2012



## Austin Resource Recovery Curbside Collection and HHW Operations

		FY 2008	FY 2009	FY 2010	FY 2011	Feb 2011	Mar 2011	FY11 YTD (Oct '10 - Mar '11)	Feb 2012	Mar 2012	FY12 YTD (Oct '11 - Mar '12)
Tons Disposed	Tons of curbside Garbage	143,950	128,519	130,851	126,497	9,489	11,370	62,777	10,229	11,479	66,517
	Tons of Curbside Bulk Disposed	7,589	8,033	7,516	7,276	574	717	3,364	694	504	3,694
	HHW Operations Tons Disposed	402	341	390	395	23	42	176	33	44	207
	<b>Total Disposed Tons Collected Curbside and from HHW Operations</b>	<b>151,941</b>	<b>136,893</b>	<b>138,757</b>	<b>134,168</b>	<b>10,086</b>	<b>12,129</b>	<b>66,317</b>	<b>10,956</b>	<b>12,027</b>	<b>70,418</b>
Tons Diverted	Tons of curbside recycling	34,691	49,811	52,479	52,236	3,924	4,534	26,553	4,243	4,625	27,564
	HHW Operations Tons recycled/reused	118	114	132	164	8	9	70	16	12	90
	Tons of Curbside Yard Trimmings	24,027	19,497	22,456	24,777	1,877	5,697	14,620	1,518	3,857	12,037
	Tons of Curbside Bulk Recycled	203	187	194	227	17	17	125	18	10	129
	Tons of Curbside Brush Collected	7,380	7,683	7,350	6,853	494	867	3,601	427	632	3,000
	<b>Total Diverted Tons Collected Curbside and from HHW Operations</b>	<b>66,419</b>	<b>77,292</b>	<b>82,611</b>	<b>84,257</b>	<b>6,320</b>	<b>11,124</b>	<b>44,969</b>	<b>6,222</b>	<b>9,136</b>	<b>42,820</b>
<b>Total Tons Collected Curbside and from HHW Operations</b>		<b>218,360</b>	<b>214,185</b>	<b>221,368</b>	<b>218,425</b>	<b>16,406</b>	<b>23,253</b>	<b>111,286</b>	<b>17,178</b>	<b>21,163</b>	<b>113,238</b>
<b>Percent of Waste Stream Diverted by Curbside and HHW Operations</b>		<b>30.42%</b>	<b>36.09%</b>	<b>37.32%</b>	<b>38.57%</b>	<b>38.52%</b>	<b>47.84%</b>	<b>40.41%</b>	<b>36.22%</b>	<b>43.17%</b>	<b>37.81%</b>
<b>Pounds of Garbage collected per customer per pickup</b>		<b>32.14</b>	<b>27.90</b>	<b>27.79</b>	<b>26.70</b>	<b>24.12</b>	<b>28.72</b>	<b>n/a</b>	<b>25.57</b>	<b>28.74</b>	<b>n/a</b>
Number of Garbage customers		172,287	177,156	181,069	182,246	181,684	182,463	n/a	184,760	184,035	n/a
<b>Pounds of Recycled materials collected per customer per pickup (every other week)</b>		<b>15.56</b>	<b>21.61</b>	<b>22.45</b>	<b>22.20</b>	<b>20.09</b>	<b>23.06</b>	<b>n/a</b>	<b>21.37</b>	<b>23.33</b>	<b>n/a</b>
<b>Pounds of Yard Trimmings collected per customer per week</b>		<b>5.39</b>	<b>4.23</b>	<b>4.80</b>	<b>5.27</b>	<b>4.81</b>	<b>14.49</b>	<b>n/a</b>	<b>3.82</b>	<b>9.73</b>	<b>n/a</b>
Number of Recycling and Yard Trimmings customers		171,446	177,267	179,808	180,992	180,429	181,230	n/a	183,395	182,684	n/a
<b>Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter</b>		<b>158</b>	<b>153</b>	<b>142</b>	<b>85</b>	<b>6</b>	<b>8</b>	<b>50</b>	<b>6</b>	<b>6</b>	

## Austin Resource Recovery Curbside Collection and HHW Operations



### Percent of Waste Stream Diverted by Curbside and HHW Operations

