



To: Zero Waste Advisory Commission

From: Ken Snipes
Director
Austin Resource Recovery

Date: June 12, 2020

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

Landfill Criteria Matrix

In March 2017, Council approved Resolution No. 20170323-055 to form a Waste Management Policy Working Group ("Working Group") to examine waste management and biosolids policy issues, and contracts. The Working Group recommended the development of criteria in the form of a matrix to help identify Landfill Operators eligible for City contracts involving City-controlled waste.

From March through May of 2018, ARR hosted five public meetings for stakeholders led by an independent facilitator, and an additional technical meeting focused on landfill gas emissions. In November 2018 the City Manager informed Council that Staff would proceed with issuing request for information (RFI) using a matrix developed by Staff and Stakeholders.

Staff issued an RFI in January 2019, inviting submissions from landfill operators to evaluate their facilities for future inclusion in City solicitations. At the conclusion of this first application of the Matrix, staff determined that three (3) landfills were eligible to receive City-controlled waste.

On February 20, 2020, staff brought Item no. 37, to Council to authorize a short-term contract for waste collection at City facilities. Because this item dealt with the collection of waste, staff applied the Matrix requirement to the recommended contract. When considering this item, Council clarified that the Matrix was not consistent with their policy direction, stating specifically that the Austin Community Landfill (ACL), one of the eligible landfills according to the Matrix, was not to be used.

As a result, staff excluded any reference to the Matrix or the use of the Austin Community Landfill from the subsequent short-term contracts, as well as the eventual solicitation seeking a longer-term contract for waste collection at City facilities. Staff will not apply the Landfill Criteria Matrix to future contracts involving City-controlled waste without further direction from City Council.

Recycle Reuse Drop Off Center Re-Opening

As the Recycling and Reuse Drop Off Center (RRDOC) moves towards full operations, there are some concerns about employee and customer exposure to CoVid-19. In preparation for this, the RRDOC has started scheduling no contact home pickups and appointments for dropping off material.

As customers call the facility to inquire about the re-opening date, we offer a "no contact" home pick up option if they have Household Hazardous Waste. We have multiple trucks running small routes to pick up as many of the requests as possible, in a safe, timely fashion. The first pickups took place May 28.

The staff will also set appointments for customers to be able to utilize the RRDOC. With social distancing and overall safety in mind, the appointments are set in one hour blocks with no more than 20 customers per hour. The first drop-off

appointments at the RRDOC took place Monday, June 1.

When making the appointment, we ask them to bring a mask, and we ask them a few questions approved by APH. Customers and staff will be required to wear masks until COA officials state it is no longer required.

The schedule for this soft opening is 9:00am – 4:00pm, Monday through Friday. We hope to keep this schedule throughout the month of June, and plan for a full reopening beginning the week of July 6, when we will move back to the Monday through Saturday schedule.

Plastics in Waterways

Austin Resource Recovery is working with Watershed Protection Department and other City Departments to address increasing trash in waterways, including a quantitative study of trash in local creeks. As a result of the study, staff will provide recommendations for enhanced public-private partnership, improved programmatic and structural solutions, and identify available funding sources to reduce trash in waterways.

Current tasks include:

- A review and compilation of all active programs and policies related to litter and trash in Austin's waterways (including funding and resources currently or potentially available)
- An analysis of all available data related to spatial and temporal patterns of litter and trash
- Writing a background report with an inventory of current City and external partner efforts with respect to litter and trash in Austin's watersheds and a high-level summary of available data, trends and maps

A March 3, 2020 memo from the [Watershed Protection Department](#) outlines the project work plan and timeline.



ARR Solicitations Update
As of May 28, 2020
ZWAC Meeting June 10, 2020

Upcoming Solicitations Under Development (in alphabetical order):

1. Post-Disaster Debris Removal Services: RFP – Contractor to provide emergency debris removal services in accordance with Federal Emergency Management Administration (FEMA) guidelines. No existing contract.
2. 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.

Solicitations Expected to be Posted Within the Next 90 Days:

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. Recycling Processing for Non-Curbside Collections: IFB – Contractor to provide single-stream recyclable material processing and marketing services to sort, process, store, market, and sell single-stream recyclable material. The Contractor shall be responsible for picking up the recyclable material collected at the Recycle and Reuse Drop-off Center and receiving the recyclable material collected by ARR from City facilities. This is replacing two contracts: [In-House Recycling](#) and [RRDOC Recycling](#).

Published Solicitations:

1. Truck Scale Inspection, Maintenance, and Repair Services: [IFB 1500 MMO1018](#) – This posted on May 25, 2020 and closes on June 16, 2020. Contractor to complete quarterly full-service, diagnostics, inspections, preventative maintenance, servicing, authorized part replacements, and repairs of truck and floor scales located at City facilities. [Link to current contract](#)

Solicitations in Evaluation or Negotiation: (None)

1. Purchase of Foam Densifier: [IFB 1500 SLW1041](#) – Contractor to provide new foam densifier to include delivery, installation, training, and warranty. Solicitation posted March 2, 2020 and closed April 7, 2020. No existing contract.
2. Routine Non-Residential (City facilities) Dumpster Collection Services: [IFB 7400 SLW1035](#) - Contractor to collect trash, recycling, brush, bulk, and compostable Materials from City of Austin facilities. Scope may also include special event and emergency service needs at City facilities on an as-needed basis. [RFI 1500 SLW6005](#) was issued in July 2019 related to these services. Solicitation posted March 9, 2020 and closed April 7, 2020. [Link to current contract](#)

Definitions:

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

CO-OP (Cooperative Contract): A contract that has been competitively bid and issued by another government or purchasing alliance with the intention of sharing it with other governmental entities.

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

RFI (Request for Information): Used to obtain industry input, feedback, or reactions from potential suppliers prior to issuing a solicitation.

RFQ (Request for Quotation): Informal request to suppliers to provide quotes on specific goods or services.

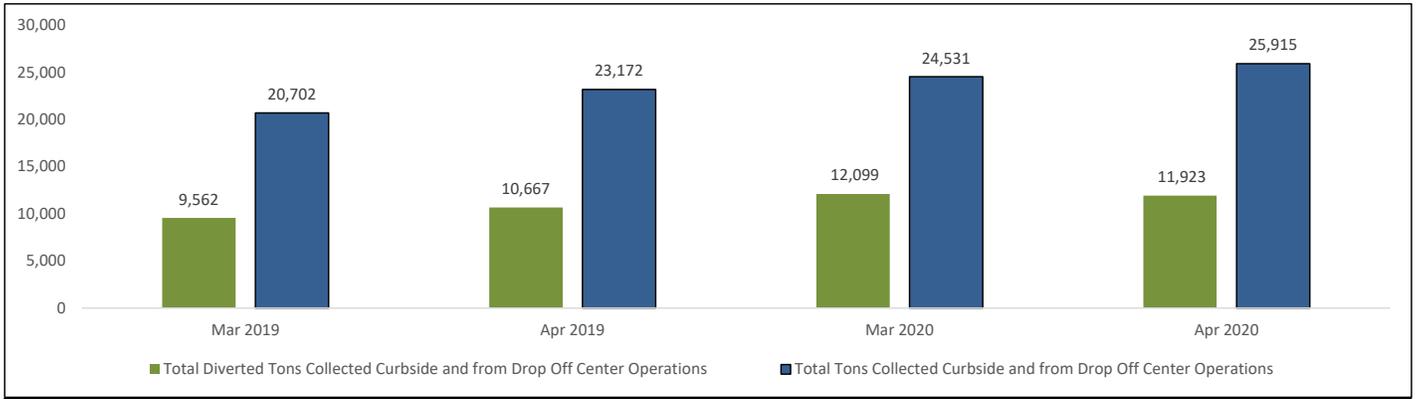
RFQS (Request for Qualifications): Formal solicitation used when qualifications are the main criteria for professional services.

RFP (Request for Proposals): Formal request for a supplier to provide a solution and cost estimate to a complex need.

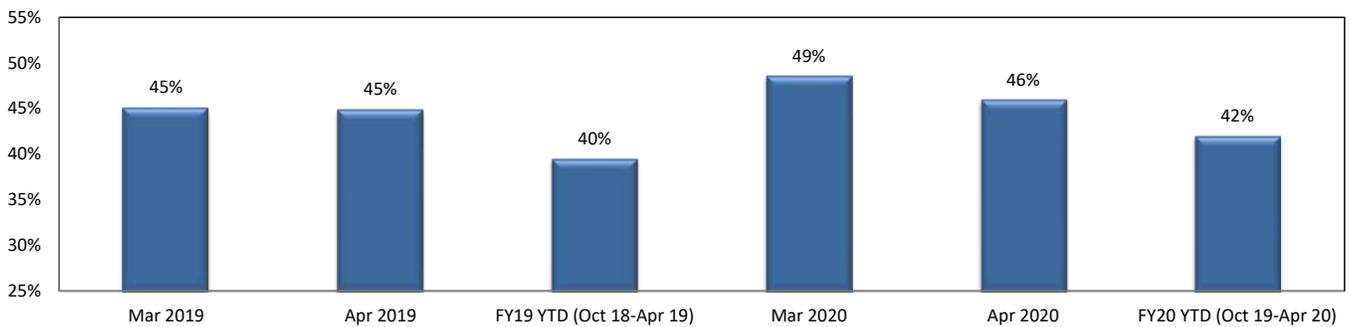
Austin Resource Recovery Curbside Collection and Drop Off Center Operations

| Description of Services | | LAST FISCAL YEAR | | | | CURRENT FISCAL YEAR | | | | |
|---|---|------------------|----------------|---------------|----------------|-----------------------------|---------------|----------------|-----------------------------|-----------------|
| | | FY 2018 | FY 2019 | Mar 2019 | Apr 2019 | FY19 YTD (Oct 18-Apr 19) | Mar 2020 | Apr 2020 | FY20 YTD (Oct 19-Apr 20) | FY 2020 Goal |
| Tons Disposed | Tons of curbside Trash | 128,829 | 130,307 | 10,157 | 11,327 | 75,897 | 11,426 | 12,631 | 76,354 | 132,546 |
| | Tons of Curbside Bulk Disposed | 10,231 | 11,040 | 96 | 215 | 4,495 | 68 | 315 | 4,433 | 10,248 |
| | HHW Operations Tons Disposed | 528 | 517 | 47 | 40 | 273 | 29 | 0 | 229 | 560 |
| | Estimated Tons of Curbside Recycling Residuals* | 10,642 | 11,761 | 840 | 924 | 6,748 | 909 | 1,046 | 6,332 | 10,670 |
| | Total Disposed Tons Collected Curbside and from Drop Off Center Operations | 150,230 | 153,625 | 11,141 | 12,505 | 87,413 | 12,432 | 13,992 | 87,348 | 154,024 |
| *Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit | | | | | | | | | | |
| Tons Diverted | Tons of curbside recycling | 48,005 | 47,528 | 3,653 | 4,063 | 28,375 | 4,200 | 4,825 | 29,202 | 50,250 |
| | RRC Tons Recycled/Reused | 1,986 | 2,259 | 162 | 174 | 1,280 | 138 | 0 | 1,074 | 2,600 |
| | RRC Tons of Brush Collected | 1,505 | 2,595 | 226 | 274 | 1,469 | 199 | 0 | 1,583 | 2,500 |
| | HHW Operations Tons recycled/reused | 469 | 477 | 40 | 52 | 268 | 25 | 0 | 196 | 560 |
| | Tons of Drop Off Center Collections Recycled/Reused | 3,759 | 5,073 | 425 | 491 | 2,897 | 360 | 0 | 2,752 | 5,450 |
| | Tons of Curbside Yard Trimmings | 32,244 | 37,265 | 5,163 | 5,482 | 25,114 | 7,155 | 6,741 | 30,875 | 37,500 |
| | Tons of Curbside Bulk Recycled | 201 | 257 | 3 | 9 | 120 | 2 | 6 | 100 | 210 |
| | Tons of Curbside Brush Collected | 6,292 | 6,447 | 285 | 597 | 3,227 | 382 | 324 | 2,831 | 7,373 |
| | Tons of Curbside Textiles Collected | 150 | 77 | 8 | 9 | 64 | 0 | 0 | 0 | 157 |
| | Tons of Carts Recycled | 154 | 166 | 25 | 17 | 98 | 0 | 33 | 132 | 175 |
| | Total Diverted Tons Collected Curbside and from Drop Off Center Operations | 90,805 | 96,813 | 9,562 | 10,667 | 59,895 | 12,099 | 11,923 | 65,892 | 101,115 |
| Tons of Curbside Compost Collected** | 14,414 | 22,040 | 2,671 | 2,833 | 14,283 | 5,377 | 5,314 | 24,365 | 31,300 | |
| ***"Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected" | | | | | | | | | | |
| Total Tons Collected Curbside and from Drop Off Center Operations | 241,035 | 250,438 | 20,702 | 23,172 | 147,308 | 24,531 | 25,915 | 153,240 | 255,139 | |
| Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR | 36.77% | 37.47% | 45.16% | 44.95% | 39.54% | 48.63% | 46.02% | 42.02% | 38.05% | |
| Pounds of Trash collected per customer per pickup | 24.84 | 24.78 | 23.25 | 25.83 | 24.84 | 25.69 | 28.37 | 24.59 | 24.92 | |
| Number of Trash and Recycling Customers | 199,448 | 202,292 | 201,630 | 202,384 | 201,421 | 205,308 | 205,465 | 204,694 | 204,549 | |
| Pounds of Recycled materials collected per customer per pickup (every other week) | 18.62 | 18.17 | 16.82 | 18.64 | 18.68 | 19.00 | 21.80 | 18.92 | 18.99 | |
| Pounds of Yard Trimmings collected per customer per week | 6.25 | 7.12 | 11.89 | 12.57 | 8.27 | 16.18 | 15.23 | 10.00 | 7.09 | |
| Number of Yard Trimmings/Organics Customers | 198,325 | 201,174 | 200,459 | 201,210 | 200,324 | 204,108 | 204,317 | 203,539 | 203,508 | |
| Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter | 36 | 30 | 2 | 2 | 18 | 3 | 2 | 19 | 32 | |

Austin Resource Recovery Curbside Collection and Drop Off Center Operations



Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

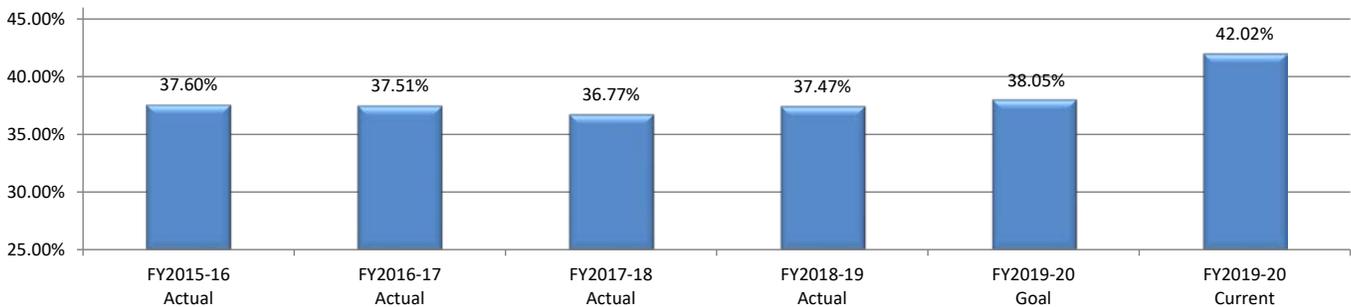


Reporting Status and Diversion Results for All Categories of Waste Generation

| Category of Waste Generation | FY2015-16 Actual | FY2016-17 Actual | FY2017-18 Actual | FY2018-19 Actual | FY2019-20 Goal | FY2019-20 Current |
|---|------------------|------------------|------------------|------------------|----------------|-------------------|
| Residential Waste Diversion (city serviced accounts) | 37.60% | 37.51% | 36.77% | 37.47% | 38.05% | 42.02% |
| 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 2016 | CY 2017 | CY 2018 |
|-------------------------------------|-----------|-----------|-----------|
| Commercial Tons Landfilled** | 1,152,661 | 1,708,484 | 1,079,312 |
| Commercial Tons Recycled** | 360,244 | 722,573 | 402,292 |
| Commercial Organics Tons** | 206,165 | 97,173 | 80,906 |

** 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 - June 10th, 2020
Single Stream Recycling Statistical Report
FY20: October 2019-April 2020
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 2019 | TDS | 1,939.98 | \$44,128 | \$175,568 | (\$131,440) | (\$67.75) | \$22.93 | \$44,484 |
| | BRI | 2,982.78 | \$40,533 | \$215,984 | (\$175,451) | (\$58.82) | \$22.93 | \$68,395 |
| | <i>Total</i> | 4,922.76 | \$84,661 | \$391,552 | (\$306,891) | | | \$112,879 |
| November 2019 | TDS | 1,753.88 | \$43,495 | \$158,726 | (\$115,231) | (\$65.70) | \$22.93 | \$40,216 |
| | BRI | 2,816.24 | \$41,361 | \$206,158 | (\$164,797) | (\$58.52) | \$22.93 | \$64,576 |
| | <i>Total</i> | 4,570.12 | \$84,856 | \$364,884 | (\$280,028) | | | \$104,793 |
| December 2019 | TDS | 2,346.49 | \$61,255 | \$212,357 | (\$151,103) | (\$64.40) | \$22.93 | \$53,805 |
| | BRI | 2,808.82 | \$43,110 | \$205,720 | (\$162,610) | (\$57.89) | \$22.93 | \$64,406 |
| | <i>Total</i> | 5,155.31 | \$104,365 | \$418,078 | (\$313,713) | | | \$118,211 |
| January 2020 | TDS | 1,994.14 | \$54,872 | \$180,470 | (\$125,597) | (\$62.98) | \$22.93 | \$45,726 |
| | BRI | 3,584.11 | \$59,448 | \$249,126 | (\$189,678) | (\$52.92) | \$22.93 | \$82,184 |
| | <i>Total</i> | 5,578.25 | \$114,321 | \$429,596 | (\$315,275) | | | \$127,909 |
| February 2020 | TDS | 1,761.00 | \$44,898 | \$159,371 | (\$114,473) | (\$65.00) | \$22.93 | \$40,380 |
| | BRI | 2,566.90 | \$43,932 | \$191,447 | (\$147,515) | (\$57.47) | \$22.93 | \$58,859 |
| | <i>Total</i> | 4,327.90 | \$88,830 | \$350,818 | (\$261,988) | | | \$99,239 |
| March 2020 | TDS | 2,297.58 | \$55,228 | \$207,931 | (\$152,703) | (\$66.46) | \$22.93 | \$52,684 |
| | BRI | 2,811.25 | \$46,526 | \$205,863 | (\$159,337) | (\$56.68) | \$22.93 | \$64,462 |
| | <i>Total</i> | 5,108.83 | \$101,754 | \$413,794 | (\$312,040) | | | \$117,145 |
| April 2020 | TDS | 2,438.65 | \$67,181 | \$220,698 | (\$153,517) | (\$62.95) | \$22.93 | \$55,918 |
| | BRI | 3,432.02 | \$61,906 | \$240,761 | (\$178,854) | (\$52.11) | \$22.93 | \$78,696 |
| | <i>Total</i> | 5,870.67 | \$129,088 | \$461,459 | (\$332,371) | | | \$134,614 |
| FY20 Totals | | 35,533.84 | \$707,874 | \$2,830,181 | (\$2,122,306) | | | \$814,791 |