



**To:** Zero Waste Advisory Commission

**From:** Richard McHale  
Interim Director  
Austin Resource Recovery Department

**Date:** May 8, 2019

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

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ARR Solicitations Update  
As of May 31, 2019  
ZWAC Meeting June 4, 2019

**Upcoming Solicitations Under Development (in alphabetical order):**

1. Design, Development, and Maintenance of a Secure Based Data Collection and Reporting System: CO-OP – Contractors qualified to design, develop, and maintain a secure web-based data collection and reporting system for businesses, properties, and food and construction and demolition ("C&D") permit holders ("Entities") affected by City waste diversion ordinances ("Reporting Platform"). The City also seeks a companion database system to house all of the ordinance affected business, property, and project information since 2011 ("Database"). Current contract documents:  
[https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N140000044](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N140000044)
2. Dumpster Collection and Cleaning Services for the Central Business District: IFB – Contract to provide trash, recycling, and compost dumpster collection, collection of bulk materials and area litter clean up in the Central Business District of Austin, Texas. Current contract documents:  
[https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N140000089](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N140000089)
3. Impact Study – Economic Impact of Existing C&D Disposal and Diversion Rates on Household Affordability: RFQ – Consultant to conduct a comprehensive, data driven benchmarking study of the economic impact of existing disposal and diversion rates on household affordability and an assessment of future markets for reuse of construction and demolition materials on or before April 2, 2020. This study required by City Ordinance No. 20151119-098. No existing contract.

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4. Medical Health and Evaluation Program: RFQS – Contractor to provide a medical and health evaluation program for applicants and employees potentially exposed to levels of hazardous materials, respiratory contaminants, noise, and other occupational health related conditions, as well as conduct medical and health evaluations for Commercial Driver's License drivers to determine each driver's physical ability to operate a commercial vehicle. Current Contract, NA140000170, is not available to the public. Current Contract expires on October 12, 2019.
5. Mattress Collection and Recycling Services: RFP – This is a new service needed as mattresses are currently collected through bulky collection and landfilled at high rates. An RFI was issued in July 2018. That information is under review to establish a scope of work, and then publish a solicitation. No existing contract.
6. New Truck Wash Equipment Retrofit: CCO – Contractors to provide delivery and installation of new truck wash equipment to include routine monthly inspection, maintenance, and repair. No existing contract.
7. Post-Disaster Debris Removal Services: RFP – Contractor to provide emergency debris removal services in accordance with the Federal Emergency Management Administration (FEMA) policies and guidelines. No existing contract.
8. 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.
9. Replacement Brooms for Sweepers: IFB – Contractor to provide replacement brooms and accessories for ARR's Schwarze, Tennant, and Tymco sweepers on an as needed basis. Current contract documents: [https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=7800&id=G\\_A140000019](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=7800&id=G_A140000019)
10. Septic Tank Replacement: IFB – Contractor to replace the septic tank located at Austin Resource Recovery's facility at the closed landfill located at 10108 FM 812, Austin, Texas 78719. The City had an assessment completed and the office complex is violating the "License to Operate an OSSF" issued by Austin-Travis County Health Department in that the system is no longer functioning. No existing contract.
11. Vehicle Rapid Response Remediation Services: IFB – Contractor to provide rapid response remediation services for spills resulting from accidents and equipment malfunctions that occur within ARR's vehicle fleet, to include containerizing and transporting the material from vehicles spills for recycling, waste treatment, and ultimate disposal. Spills associated with these incidents are primarily non-hazardous total petroleum hydrocarbons (TPH) and engine coolant. Current contract documents: [https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N\\_A140000103](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N_A140000103)
12. Waste Diversion and Characterization Study: RFP – Consultant to conduct a community waste diversion and waste characterization study to analyze existing programs, conduct field observations, facilitate composition evaluation, and perform data analysis to track progress towards ARR's Zero Waste goal and

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identify needs and opportunities for diversion of particular materials. ARR's Master Plan recommended that a waste diversion study be completed and updated every five years. No existing contract.

### **Solicitations to be Posted Within the Next 90 Days:**

1. Collection, Transportation, Processing, and Disposal of Hazardous Waste: IFB – Contractor to collect, transport, process, and dispose of hazardous waste collected at the Recycle and Reuse Drop-off Center (RRDOC), as well as provide emergency response remediation services for hazardous and non-hazardous solid waste spills on City property. Current contract documents:  
[https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N A120000173](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N A120000173)
2. Impact Study – Economic and Tax Impacts on the Recycling and Reuse Sector: RFQ – Consultant to conduct a comprehensive, data-driven benchmarking study that measures the economic and tax revenue impacts associated with the recycling sector and related manufacturing industries in the Austin area. No existing contract.
3. Residential Trash Dumpster Collection Services: IFB – Contractor to collect, transport, process, dispose of, and clean-up trash materials generated by ARR residential customers located within the ARR service areas of Austin. ARR residential customers include single family, duplex, triplex and fourplex premises. Current contract documents:  
[https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N A120000143](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N A120000143)
4. Routine Non-Residential (City Facilities) Dumpster Collection Services: RFP – Contractor to collect trash, recycling, brush, bulk, and compostable Materials from City of Austin facilities. Scope may also include as-needed special event and emergency service needs. Current contract documents:  
[https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N A110000024](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N A110000024)
5. Textiles Curbside Recycling: [RFI 1500 SLW6003](#) – Contractor to develop and implement an all-encompassing curbside soft textile recyclables collection services program that will not compete with charitable clothing donation centers. Currently evaluating responses to the RFI for solicitation of this service. Current contract documents:  
[https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N R160000006](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=N R160000006)

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## **Published Solicitations:**

1. Flat Sheet Printing and Direct Mail Services: [IFB 1500 CRR1004](#) – Contractor to provide a variety of flat sheet printing and related services. Current contract documents: [https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA130000124](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA130000124)
2. Organics Processing Services: [IFB 1500 SLW1018](#) – Contractor to provide complete organics processing, sorting, composting, and marketing services to include detailed data reporting to support the City's expanding residential curbside organic materials collection program. Current contract documents: [https://www.austintexas.gov/financeonline/contract\\_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA170000183](https://www.austintexas.gov/financeonline/contract_catalog/OCCViewMA.cfm?cd=MA&dd=1500&id=NA170000183)
3. Recycling of Polyethylene (Plastic Film): [IFB 1500 SLW1022](#) – Contractor to pick up, transport, and recycle expanded polystyrene that ARR collects at the RRDOC. ARR collected approximately 15 tons of plastic film last year. No existing contract.

## **Solicitations in Evaluation or Negotiation:**

1. Austin Resource Recovery Master Plan Update: [RFP 1500 SLW3003](#) – Consultant to revise and update the current Master Plan centering on the areas of focus as identified by staff and the Zero Waste Advisory Commission. This solicitation was published on February 4, 2019 and closed on March 19, 2019. Originally listed for discussion and action on the May 8<sup>th</sup> ZWAC meeting (quorum not reached – rescheduled for June 4<sup>th</sup>), and the June 6<sup>th</sup> Council agenda. Current solicitation documents: [https://www.austintexas.gov/financeonline/account\\_services/solicitation/solicitation\\_details.cfm?sid=12\\_9632](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=12_9632)
2. Recycling of Expanded Polystyrene and Similar Materials: [IFB 1500 SLW1021](#) – Contractor to pick up, transport, and recycle expanded polystyrene that ARR collects at the RRDOC. ARR collected approximately 15 tons of polystyrene last year. This solicitation was published on April 29, 2019 and closed on May 23, 2019. No existing contract.
3. Trash and Recycling Receptacles for Downtown: [IFB 1500 SLW1017](#) – Contractor to provide trash and recycling containers that match receptacle design in the downtown Austin area, according to Great Streets Master Plan. This solicitation was published on March 4, 2019 and closed on March 21, 2019. Current solicitation documents: [https://www.austintexas.gov/financeonline/account\\_services/solicitation/solicitation\\_details.cfm?sid=12\\_9891](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=12_9891)

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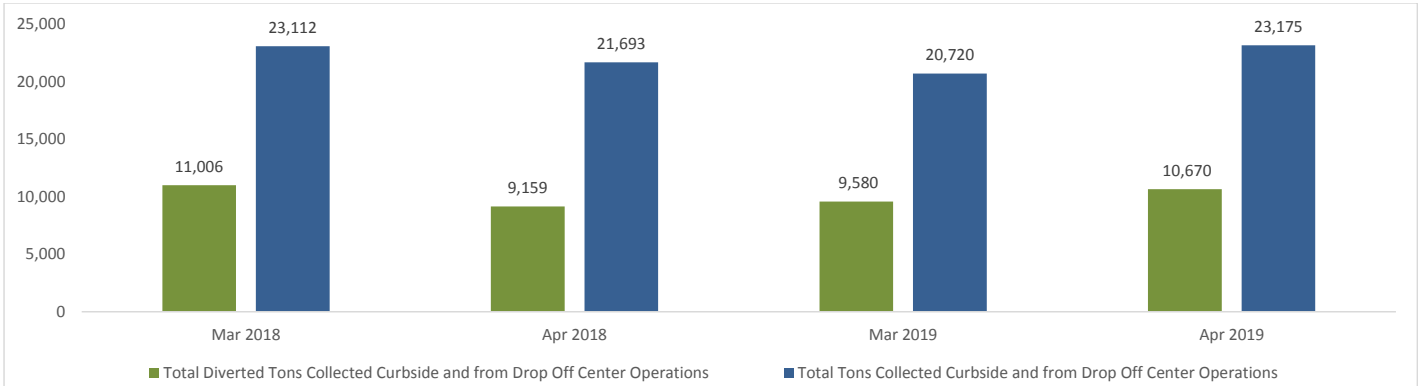
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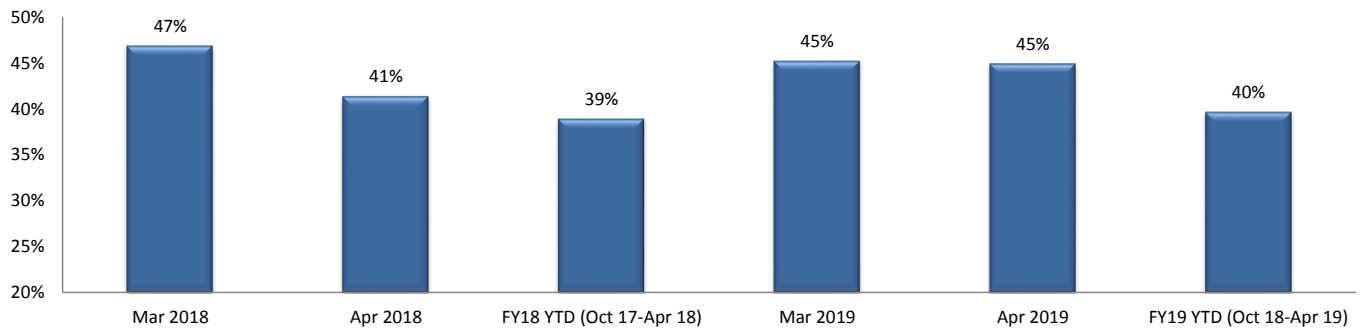
# Austin Resource Recovery Curbside Collection and Drop Off Center Operations

		LAST FISCAL YEAR					CURRENT FISCAL YEAR			
Description of Services		FY 2017	FY 2018	Mar 2018	Apr 2018	FY18 YTD (Oct 17-Apr 18)	Mar 2019	Apr 2019	FY19 YTD (Oct 18-Apr 19)	FY 2019 Goal
Tons Disposed	Tons of curbside Trash	131,815	128,829	11,169	10,966	75,429	10,157	11,327	75,897	134,253
	Tons of Curbside Bulk Disposed	11,179	10,231	35	727	4,455	96	215	4,495	11,227
	HHW Operations Tons Disposed	471	528	54	50	272	47	40	273	451
	Estimated Tons of Curbside Recycling Residuals*	9,471	10,642	848	790	5,837	840	924	6,748	10,670
	<b>Total Disposed Tons Collected Curbside and from Drop Off Center Operations</b>	<b>152,936</b>	<b>150,230</b>	<b>12,106</b>	<b>12,533</b>	<b>85,993</b>	<b>11,141</b>	<b>12,505</b>	<b>87,413</b>	<b>156,601</b>
*Estimated tons of curbside recycling processed by vendors as residual - based on bi-annual sample route audit										
Tons Diverted	Tons of curbside recycling	49,233	48,080	4,164	3,980	28,482	3,668	4,057	28,492	51,330
	Tons of Drop Off Center Collections Recycled/Reused	3,087	3,759	377	343	1,973	425	491	2,897	4,453
	Tons of Curbside Yard Trimmings	34,316	32,244	5,955	4,297	22,262	5,163	5,482	25,114	41,367
	Tons of Curbside Bulk Recycled	161	201	0	9	96	3	9	120	165
	Tons of Curbside Brush Collected	7,367	6,292	473	506	3,490	285	597	3,227	7,900
	Tons of Curbside Textiles Collected	238	150	20	15	80	8	9	64	157
	Tons of Carts Recycled	197	154	17	0	87	25	17	98	175
	<b>Total Diverted Tons Collected Curbside and from Drop Off Center Operations</b>	<b>94,760</b>	<b>91,081</b>	<b>11,006</b>	<b>9,159</b>	<b>56,566</b>	<b>9,580</b>	<b>10,670</b>	<b>60,132</b>	<b>105,712</b>
Tons of Curbside Compost Collected**		5,069	14,414	2,064	1,573	8,609	2,671	2,833	14,283	27,300
***Tons of Curbside Compost Collected" is included in the "Tons of Yard Trimmings Collected"										
<b>Total Tons Collected Curbside and from Drop Off Center Operations</b>		<b>247,696</b>	<b>241,311</b>	<b>23,112</b>	<b>21,693</b>	<b>142,559</b>	<b>20,720</b>	<b>23,175</b>	<b>147,545</b>	<b>262,313</b>
<b>Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR</b>		<b>37.51%</b>	<b>36.79%</b>	<b>46.86%</b>	<b>41.37%</b>	<b>38.91%</b>	<b>45.20%</b>	<b>44.93%</b>	<b>39.64%</b>	<b>39.30%</b>
<b>Pounds of Trash collected per customer per pickup</b>		<b>26.09</b>	<b>24.84</b>	<b>25.85</b>	<b>25.32</b>	<b>25.08</b>	<b>23.25</b>	<b>25.83</b>	<b>24.84</b>	<b>25.52</b>
Number of Trash and Recycling Customers		194,357	199,448	199,442	199,845	198,273	201,630	202,384	201,421	202,317
<b>Pounds of Recycled materials collected per customer per pickup (every other week)</b>		<b>19.61</b>	<b>18.65</b>	<b>19.39</b>	<b>18.49</b>	<b>19.04</b>	<b>16.89</b>	<b>18.61</b>	<b>18.76</b>	<b>19.82</b>
<b>Pounds of Yard Trimmings collected per customer per week</b>		<b>6.83</b>	<b>6.25</b>	<b>13.87</b>	<b>9.98</b>	<b>7.44</b>	<b>11.89</b>	<b>12.57</b>	<b>8.27</b>	<b>7.99</b>
Number of Yard Trimmings/Organics Customers		193,110	198,325	198,181	198,660	197,219	200,459	201,210	200,324	199,199
Total tons of Dead Animals Collected from COA rights-of-way and the animal shelter		44	36	3	3	24	2	2	18	42

## Austin Resource Recovery Curbside Collection and Drop Off Center Operations



### Estimated Percent of Curbside Collected Materials Diverted from Landfills by ARR

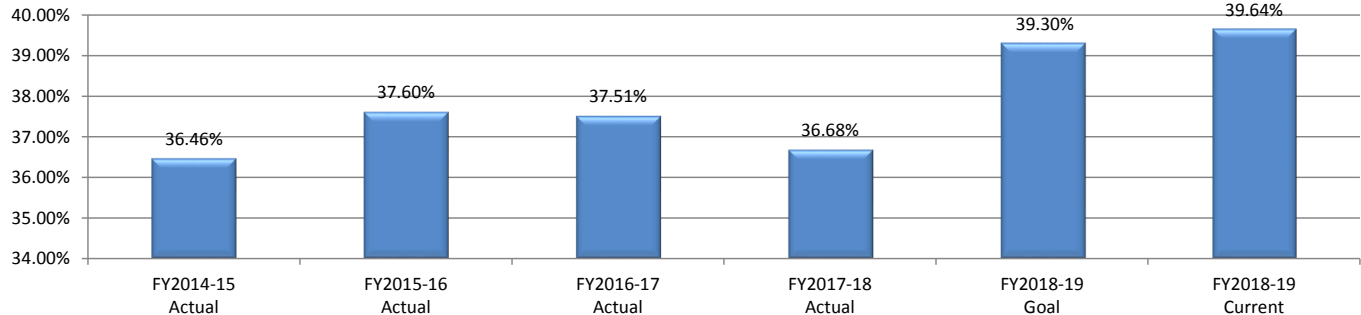


#### Reporting Status and Diversion Results for All Categories of Waste Generation

Category of Waste Generation	FY2014-15 Actual	FY2015-16 Actual	FY2016-17 Actual	FY2017-18 Actual	FY2018-19 Goal	FY2018-19 Current
Residential Waste Diversion (city serviced accounts)	36.46%	37.60%	37.51%	36.68%	39.30%	39.64%
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 2015	CY 2016	CY 2017
Commercial Tons Landfilled**	1,062,012	1,152,661	1,708,484
Commercial Tons Recycled**	550,515	360,244	722,573
Commercial Organics Tons**	556,099	206,165	97,173

\*\* 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 4th, 2019**  
**Single Stream Recycling Statistical Report**  
**FY19: October 18 - April 2019**  
**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 2018	TDS	2,292.54	\$93,700	\$207,475	(\$113,775)	(\$49.63)	\$22.52	\$51,628
	BRI	2,907.11	\$60,090	\$211,519	(\$151,430)	(\$52.09)	\$22.52	\$65,468
	Total	5,199.65	\$153,790	\$418,994	(\$265,205)			\$117,096
November 2018	TDS	1,890.70	\$71,812	\$171,108	(\$99,296)	(\$52.52)	\$22.52	\$42,579
	BRI	3,256.23	\$65,141	\$231,092	(\$165,951)	(\$50.96)	\$22.52	\$73,330
	Total	5,146.93	\$136,953	\$402,201	(\$265,247)			\$115,909
December 2018	TDS	2,164.25	\$81,734	\$195,865	(\$114,130)	(\$52.73)	\$22.52	\$48,739
	BRI	3,043.88	\$60,832	\$219,414	(\$158,582)	(\$52.10)	\$22.52	\$68,548
	Total	5,208.13	\$142,566	\$415,278	(\$272,712)			\$117,287
January 2019	TDS	2,256.70	\$83,512	\$204,231	(\$120,719)	(\$53.49)	\$22.52	\$50,821
	BRI	3,478.81	\$67,008	\$243,334	(\$176,326)	(\$50.69)	\$22.52	\$78,343
	Total	5,735.51	\$150,520	\$447,566	(\$297,046)			\$129,164
February 2019	TDS	1,767.72	\$60,030	\$159,979	(\$99,949)	(\$56.54)	\$22.52	\$39,809
	BRI	2,585.31	\$45,828	\$192,534	(\$146,705)	(\$56.75)	\$22.52	\$58,221
	Total	4,353.03	\$105,858	\$352,512	(\$246,654)			\$98,030
March 2019	TDS	1,710.00	\$54,164	\$154,755	(\$100,591)	(\$58.83)	\$22.52	\$38,509
	BRI	2,782.95	\$45,917	\$204,194	(\$158,277)	(\$56.87)	\$22.52	\$62,672
	Total	4,492.95	\$100,081	\$358,949	(\$258,868)			\$101,181
April 2019	TDS	2,241.97	\$62,901	\$202,898	(\$139,997)	(\$62.44)	\$22.52	\$50,489
	BRI	2,745.03	\$39,757	\$201,957	(\$162,200)	(\$59.09)	\$22.52	\$61,818
	Total	4,987.00	\$102,658	\$404,855	(\$302,197)			\$112,307
FY19 Totals		35,123.20	\$892,427	\$2,800,355	(\$1,907,929)			\$790,974