

## MEMORANDUM

To: Board of Commissioners  
From: CSWD Staff  
Date: December 12, 2019  
Re: Program Updates

1. Solid Waste Management Fee (Jon) – From a budget perspective, revenue recognized is 3.8% above budgeted revenues for the first five months of the fiscal year. Please refer to accompanying charts.
2. MRF Overview (Josh) – Data for December is not available at this point in the month.
3. Organics Diversion Facility (Dan) – November food scrap inputs measured 446.7 tons. This is 29 tons below the same period last fiscal year and 2% greater than YTD budgeted amounts.
4. Marketing (Alise/Raeann) – The holiday food waste reduction campaign runs the last two weeks in November and December on local radio, in community papers, and on Facebook. The Thanksgiving portion of the campaign has seen great success in social media with high engagement via comments and shares.  
**November media mentions:**  
11.19.19 – Outlet: Burlington Free Press – [Delayed Closing](#)  
11.20.19 – Outlet: Burlington Free Press – [There's a few ways to get rid of your mattress. Don't leave its fate up to the snow plows.](#)  
Nov.-Jan. edition – Outlet: Green Energy Times – “A Guide to Sustainable Gift Giving and Wrapping” and “Food Scraps Diversion: Vermont Act 148”
5. Compliance (Josh/Jeannine) – Jeannine performed 25 load checks in November. She also distributed a guidance document – ‘Planning & Zoning Primer on Solid ‘Waste’’ to local planning and zoning officials to help and encourage them to evaluate solid waste storage, collection and transportation needs associated with new development projects. Jeannine has been working with Facilities and Maintenance personnel on proposed lighting and minor site layout changes and permitting.
6. Hinesburg Drop-Off Center (Josh T, Sarah) –The project was awarded to Stewart Construction of Essex Jct., and work began on 10/1, it is anticipated that the contractor will complete construction by December 20. Due to winter conditions the contractor will need to return in the Spring to complete a small punch list of

items. Once the contractor is off site District staff will begin steps to preparing the facility for a mid-winter opening.

7. Staffing Changes (Amy Jewell ) Congratulations to Jennifer Getty & Laura Tomasi. Jennifer has been CSWD's Administrative Assistant for the past 13 years and most recently has taken on the role of Administrative & Accounting Assistant. Jennifer will be transitioning full-time into CSWD's Finance Department as the Accounts Specialist. Accounts Specialist Laura Tomasi, who has worked for CSWD for 25 years will be moving into the Accountant role for CSWD. CSWD has advertised the Administrative & Accounting position and has interviews scheduled for this week and next with the hopes to fill the position in January.
8. RFP Issued (Amy Jewell ) – A Classification & Compensation Study & Analysis RFP has been issued to review the current compensation structure, rating structure and evaluation system. Two other solid waste districts requested inclusion in the RFP and costs will be separate and charged accordingly if after reviewing proposals they are interested in contracting with a firm. Proposals are due on December 18.
9. VLCT Property & Casualty 2020 (Amy Jewell ) – CSWD received the calendar year 2020 invoice from the Vermont League of Cities & Towns for Property & Casualty coverage and workers compensation. The 2019 cost to CSWD was \$192,305. The FY 20 rate increased 1.9% to \$195,987.

10. Organics:

**Waste 360:** Partnership Brings Anaerobic Digester, RNG to Vermont <https://tinyurl.com/rz8o4en>

Recycling:

**Financial Times:** Can we break our addiction to plastic? The future of packaging  
<https://amp.ft.com/content/27cf9734-faa7-11e9-98fd-4d6c20050229>

**Recycling Today:** Aluminum recycling giant to spend \$36M on facility upgrade  
<https://tinyurl.com/y3uweujl>

New York Times: The Great Recycling Con

<https://www.nytimes.com/2019/12/09/opinion/recycling-myths.html>

Legislative:

**Resource Recycling News:** Packaging EPR on the way in another Canadian province

[https://resource-recycling.com/recycling/2019/11/05/packaging-epr-on-the-way-in-another-canadian-province/?utm\\_medium=email&utm\\_source=internal&utm\\_campaign=Nov+5+RR](https://resource-recycling.com/recycling/2019/11/05/packaging-epr-on-the-way-in-another-canadian-province/?utm_medium=email&utm_source=internal&utm_campaign=Nov+5+RR)

**Waste today:** Federal Recycle Act introduced

<https://www.wastetodaymagazine.com/article/senators-portman-stabenow-introduce-bipartisan-recycling-act-education/>

**Recycling Today:** New York group studies expansion of state's bottle bill

<https://www.recyclingtoday.com/article/new-york-department-environmental-conservation-research-bottle-bill-expansion-wine/>

**Leachate/PFAS:**

**Waste Dive:** Judge temporarily halts strict New Hampshire PFAS regulations

<https://www.wastedive.com/news/pfas-judge-halts-new-hampshire-regulations-landfill-groundwater/568172/>

## CHITTENDEN SOLID WASTE DISTRICT

### Tons Disposed based on Solid Waste Management Fees (Year over Year)

Month	Total Tons per Month			
	FY 19 tons	FY 20 tons	Tons Diff.	% Diff
Jul	11,171	12,334	1,163	10.4%
Aug	11,644	11,501	-143	-1.2%
Sep	10,129	10,703	573	5.7%
Oct	12,001	12,589	588	4.9%
Nov	10,183	10,077	-106	-1.0%
Dec				
Jan				
Feb				
Mar				
Apr				
May				
Jun				
<b>Total Tons YTD</b>	<b>55,128</b>	<b>57,204</b>	<b>2,076</b>	<b>3.8%</b>
<b>Mgmnt Fee \$ YTD</b>	<b>\$1,488,458</b>	<b>\$1,544,511</b>	<b>\$56,053</b>	<b>3.8%</b>

	Tons	\$
FY 20 Budget	129,485	\$3,496,102
FY 20 Actual YTD	57,204	\$1,544,511
Difference	-72,281	(\$1,951,591)
FY 20 Actual % YTD vs Budget %	44.2%	
YTD % of Months	41.7%	

Chittenden Solid Waste District

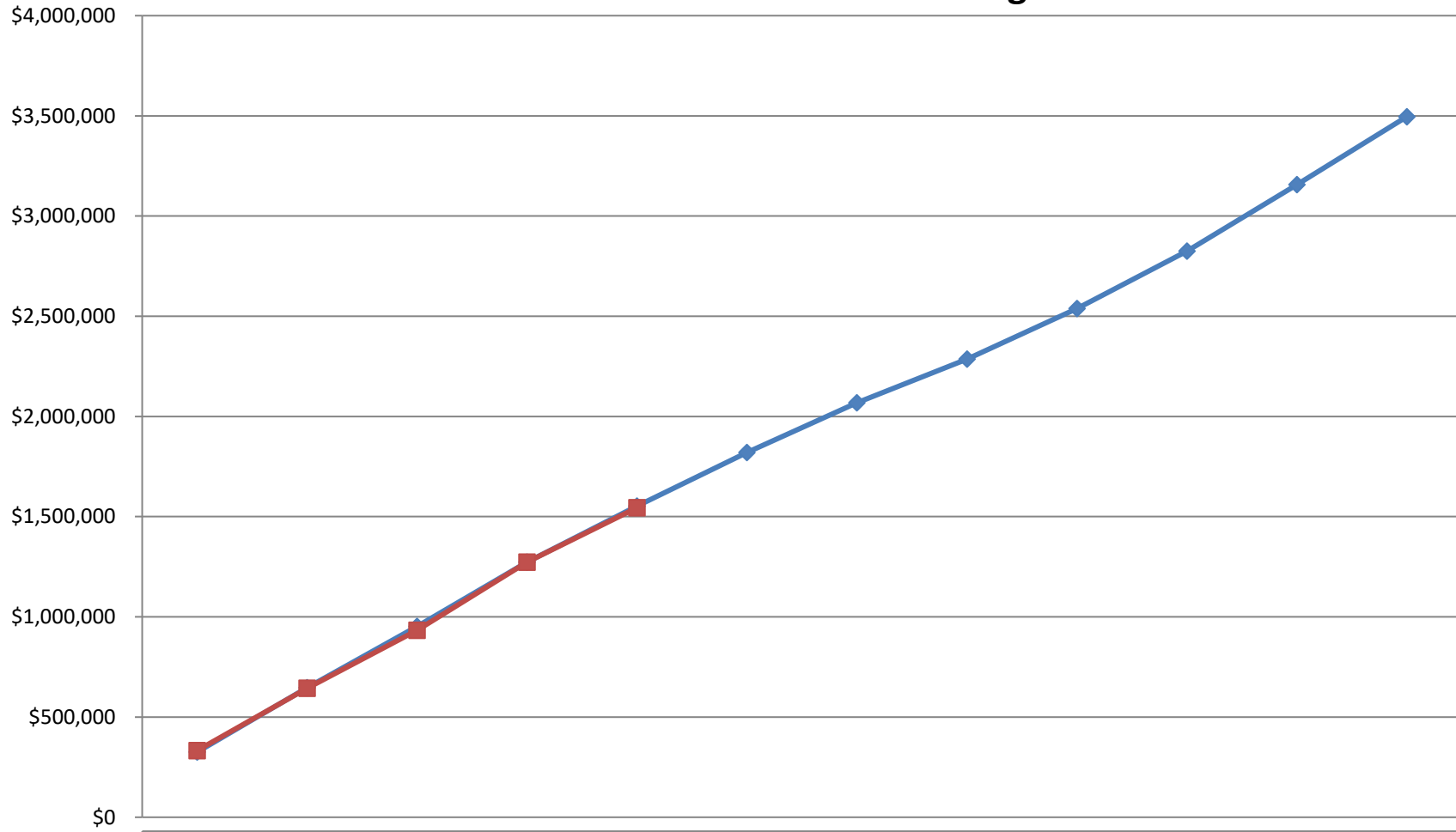
Solid Waste Management Fee FY 20 (Budget versus Actual)

Time	Tons	\$/Ton	\$
FY 19 Budget	129,485	\$27.00	\$3,496,102

\$	Budget \$			Actual		Difference		% of YTD Budget
	Percent	\$ per month	\$ YTD	\$ per month	\$ YTD	\$ per month	\$ YTD	
Jul-19	9.3%	\$325,182	\$325,182	\$333,025	\$333,025	\$7,842	\$7,842	102.4%
Aug-19	9.2%	\$321,312	\$646,494	\$310,534	\$643,559	(\$10,778)	-\$2,936	99.5%
Sep-19	8.7%	\$305,419	\$951,914	\$288,973	\$932,532	(\$16,446)	-\$19,382	98.0%
Oct-19	9.2%	\$320,515	\$1,272,428	\$339,905	\$1,272,437	\$19,391	\$9	100.0%
Nov-19	8.0%	\$280,101	\$1,552,529	\$272,074	\$1,544,511	(\$8,027)	-\$8,018	99.5%
Dec-19	7.6%	\$266,837	\$1,819,366					
Jan-20	7.1%	\$249,024	\$2,068,391					
Feb-20	6.2%	\$217,737	\$2,286,128					
Mar-20	7.2%	\$252,713	\$2,538,840					
Apr-20	8.2%	\$286,858	\$2,825,699					
May-20	9.5%	\$330,457	\$3,156,156					
Jun-20	9.7%	\$339,946	\$3,496,102					

TONS	Budget Tons			Actual		Difference	
	Percent	Monthly Tons	Tons YTD	Tons per month	Tons YTD	Tons per month	Tons YTD
Jul-19	9.3%	12,044	12,044	12,334	12,334	290	290
Aug-19	18.5%	11,900	23,944	11,501		(399)	(23,944)
Sep-19	27.2%	11,312	35,256	10,703	10,703	(609)	(24,553)
Oct-19	36.4%	11,871	47,127	12,589	23,292	718	(23,835)
Nov-19	44.4%	10,374	57,501	10,077	33,369	(297)	(24,132)
Dec-19	52.0%	9,883	67,384				
Jan-20	59.2%	9,223	76,607				
Feb-20	65.4%	8,064	84,671				
Mar-20	72.6%	9,360	94,031				
Apr-20	80.8%	10,624	104,656				
May-20	90.3%	12,239	116,895				
Jun-20	100.0%	12,591	129,485				

## CSWD - Solid Waste Management Fee Revenues Year-To-Date - FY 20 Actual v. FY 20 Budget



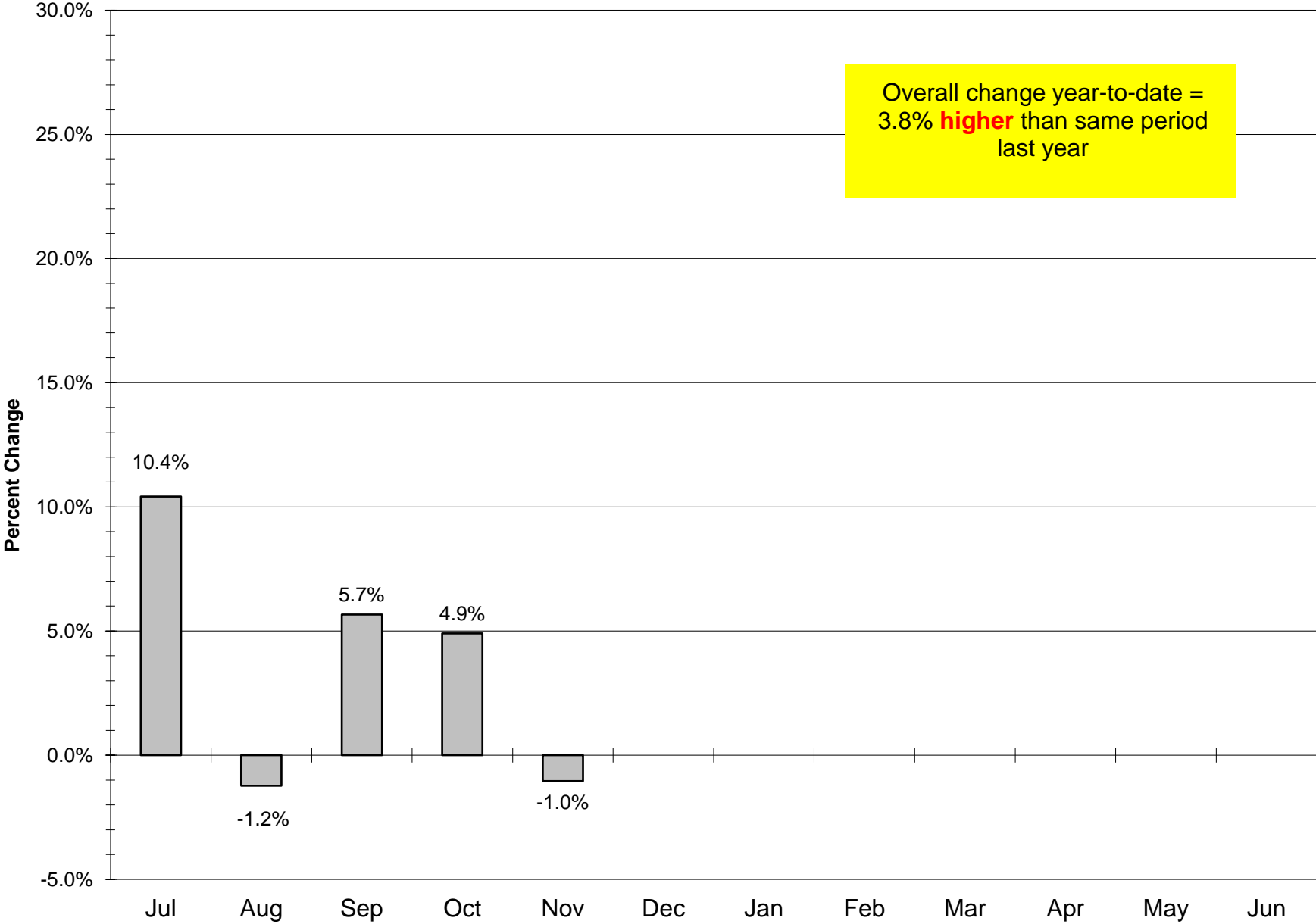
	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
—◆— Budget	\$325,182	\$646,494	\$951,914	\$1,272,428	\$1,552,529	\$1,819,366	\$2,068,391	\$2,286,128	\$2,538,840	\$2,825,699	\$3,156,156	\$3,496,102
—■— Actual	\$333,025	\$643,559	\$932,532	\$1,272,437	\$1,544,511							

## CHITTENDEN SOLID WASTE DISTRICT

### SWMF Tons Refuse Disposed per Operating Weekday

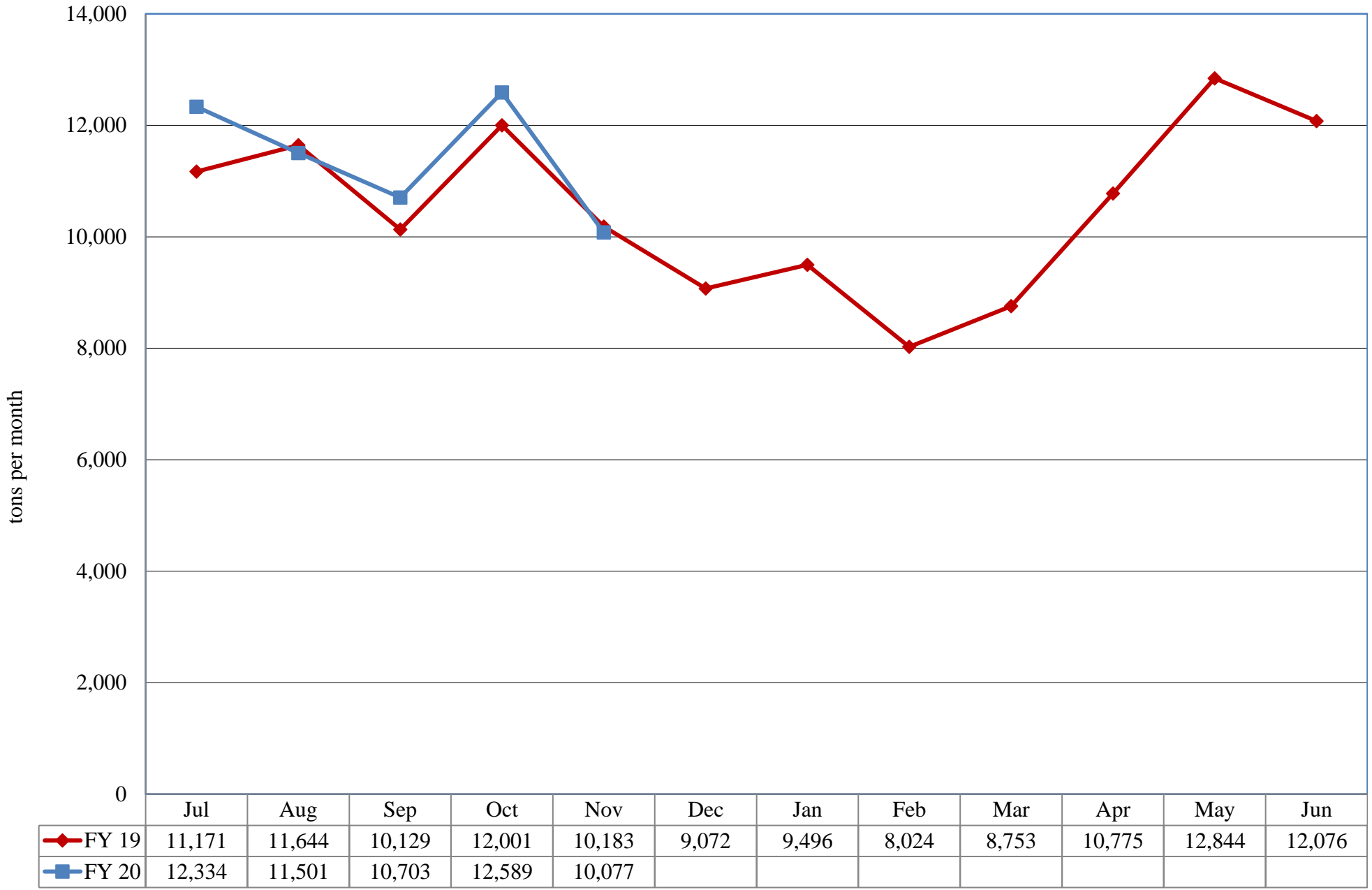
Month	FY 19			FY 20			Difference FY 20 vs FY 19			
	Monthly Tons	# Operating Weekdays	Avg Tons/Day	Monthly Tons	# Operating Weekdays	Avg Tons/Day	Monthly Tons	# Operating Weekdays	Tons/Day Tons	Tons/Day %
Jul	11,171	21	532.0	12,334	22	560.6	1,163	1	28.7	5.4%
Aug	11,644	23	506.3	11,501	22	522.8	-143	-1	16.5	3.3%
Sep	10,129	19	533.1	10,703	20	535.1	573	1	2.0	0.4%
Oct	12,001	20	600.1	12,589	23	547.4	588	3	-52.7	-8.8%
Nov	10,183	21	484.9	10,077	20	503.8	-106	-1	19.0	3.9%
Dec		20			21					
Jan		22			22					
Feb		20			20					
Mar		21			22					
Apr		22			22					
May		22			20					
Jun		20			22					
Total	55,128	251		57,204	256		2,076	5		
Average			219.6			223.5			3.8	1.7%

### Difference in SWMF Tons Per Month Disposed FY20 versus FY19



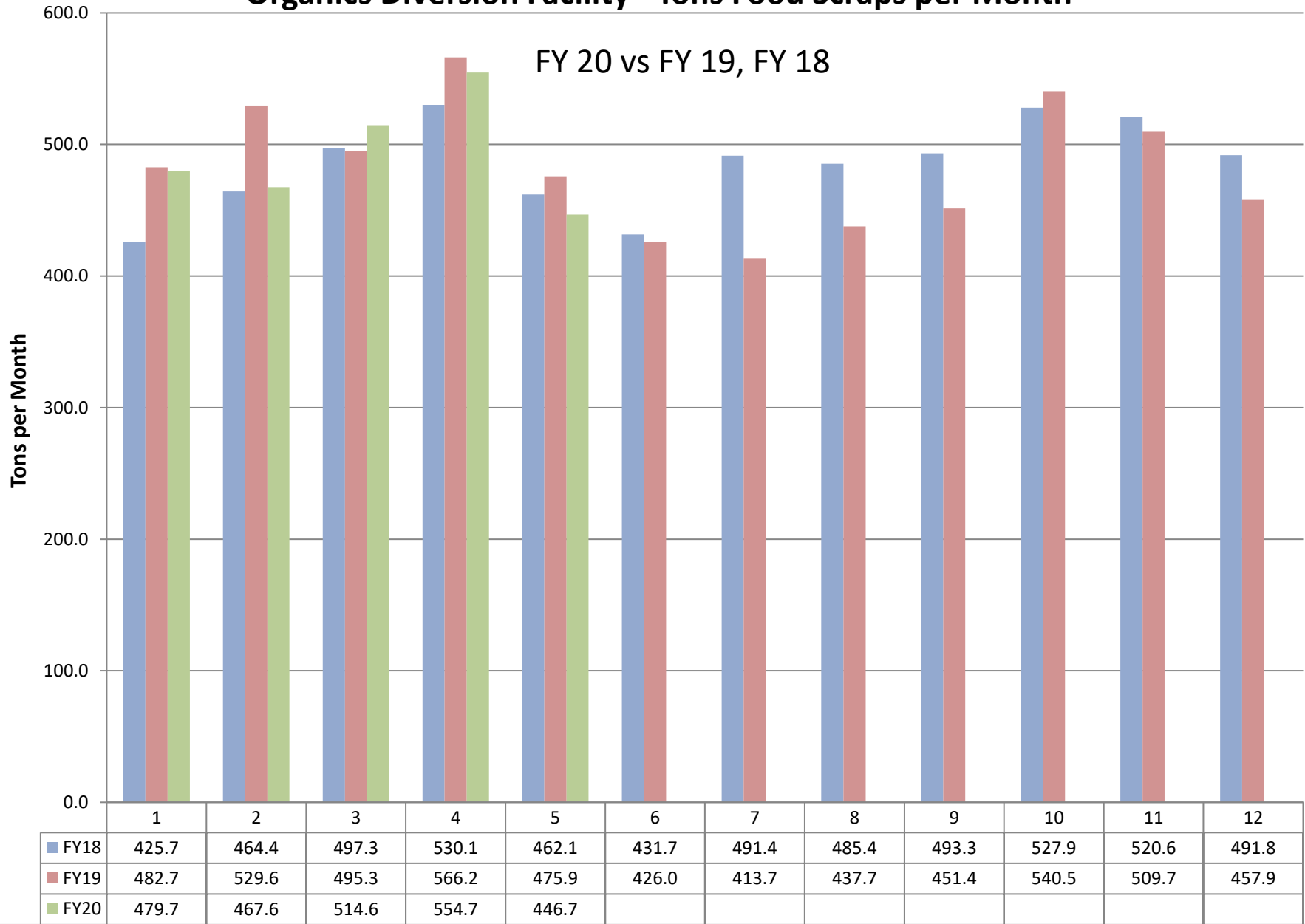


### CSWD - SWMF Tons Trash per Month - FY 20 v. FY 19



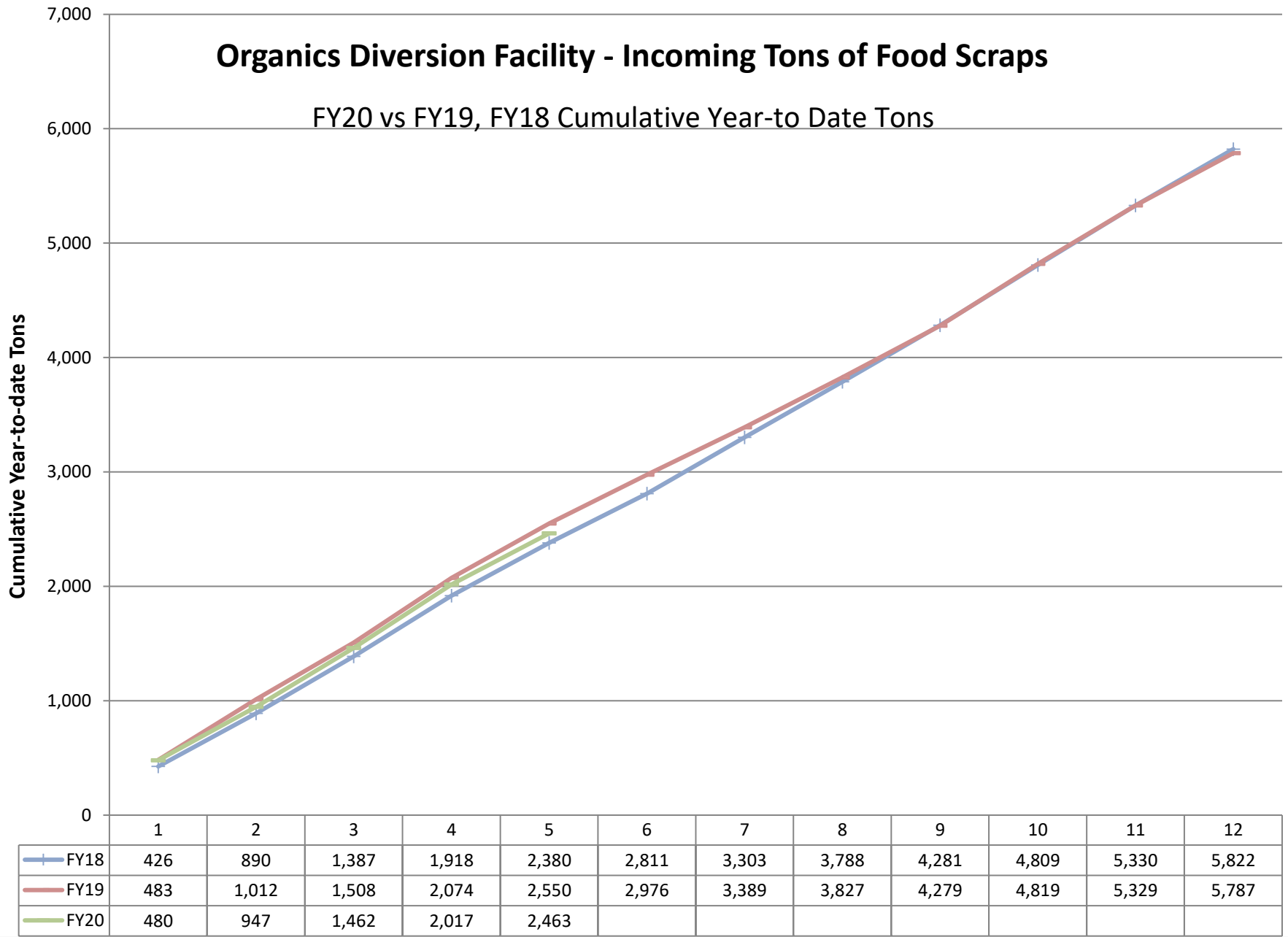
## Organics Diversion Facility - Tons Food Scraps per Month

FY 20 vs FY 19, FY 18



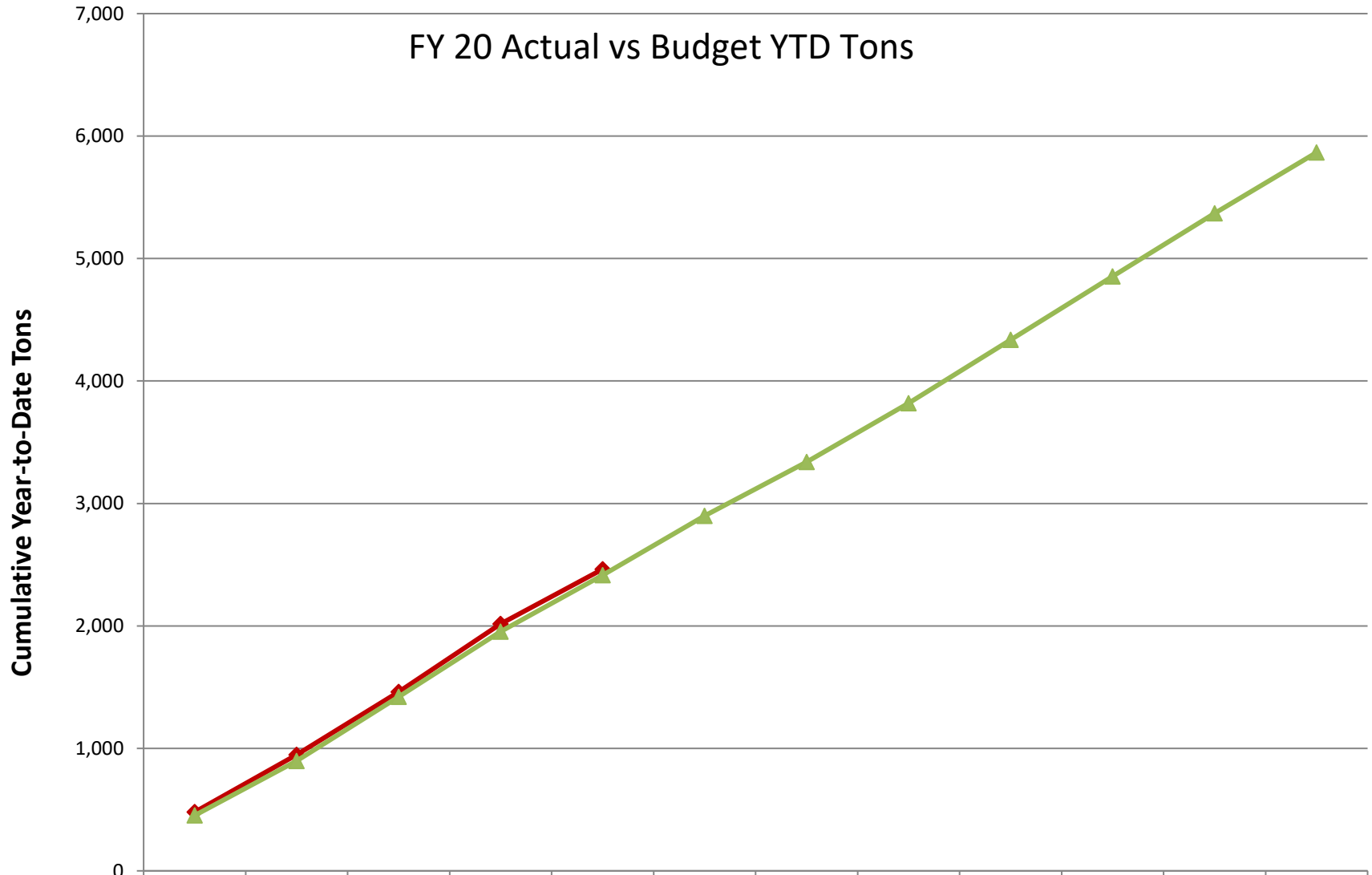
# Organics Diversion Facility - Incoming Tons of Food Scraps

FY20 vs FY19, FY18 Cumulative Year-to Date Tons



## Organics Diversion Facility - Incoming Food Scraps

### FY 20 Actual vs Budget YTD Tons



◆ FY 20 Actual	480	947	1,462	2,017	2,463							
▲ FY 20 Budget	452	897	1,420	1,953	2,414	2,898	3,339	3,819	4,335	4,854	5,370	5,866