

**CHITTENDEN SOLID WASTE DISTRICT  
BOARD MEETING INSTRUCTIONS  
FOR THE PUBLIC – REMOTE ACCESS**

Date: Wednesday, December 20, 2023  
Time: 6:00 P.M.  
Place: ZOOM MEETING INSTRUCTIONS

**IMPORTANT:**

CSWD will hold a hybrid Board of Commissioners Meeting. The virtual meeting is accessible by computer or phone. Members of the public, joining the meeting remotely, are asked to preregister online using the link below. Following the meeting a recording will be available upon request.

Hi there,

You are invited to a Zoom webinar.

**When: Dec 20, 2023 06:00 PM Eastern Time (US and Canada)**

**Topic: Board of Commissioners Meeting**

Register in advance for this webinar:

[https://us02web.zoom.us/webinar/register/WN\\_7prSXAaNRaK70usv0xgCVg](https://us02web.zoom.us/webinar/register/WN_7prSXAaNRaK70usv0xgCVg)

After registering, you will receive a confirmation email containing information about joining the webinar.

*For those without internet access, call 802-872-8100 ext. 213 and leave a message to register for the meeting. A call-in number will be provided to you prior to the meeting.*

Participants will be in listen only mode. Call in controls include: \*6 – toggle mute/unmute and \*9 to raise your hand.

CHITTENDEN SOLID WASTE DISTRICT  
REGULAR MEETING

Date: Wednesday, December 20, 2023  
Time: 6:00 P.M.  
Place: **Hybrid Meeting - ZOOM Meeting or In-Person at CSWD Administrative Office**  
**19 Gregory Drive, South Burlington**

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\*\*\* (E) Indicates enclosures (H) Indicates handouts (D) Discussion Only

1. (E) **Agenda** (6:00 p.m.)
2. **Public Comment Period** (6:00 p.m.)
3. (E) **Consent Agenda** (page 3) (6:05 p.m.)
  - 3.1 Minutes of November 15, 2023
  - 3.2 Program Updates
  - 3.3 Executive Director Update
  - 3.4 Finance – Warrant, Cash Investment and Reserve Balances
4. (E) **Materials Recycling Facility Skid Steer purchases** (page 20) (6:10 p.m.)

Action Requested: Approve purchase
5. (D) **Agency of Natural Resources – Landfill discussion** (6:30 p.m.)
6. **Other Business** (7:30 p.m.)

*Possible Action could occur on any agenda item, although not initially noted. If you need an accommodation, please call the District at 872-8100 upon receipt of this notice. All times listed are an estimated start and duration.*

**DRAFT**

**CHITTENDEN SOLID WASTE DISTRICT  
IN-PERSON/ZOOM MEETING  
November 15, 2023 - Regular Meeting**

**PRESENT****BOARD MEMBERS:**

Bolton	-----
Burlington	-----
Charlotte	Ken Spencer
Colchester	Liz Hamlin Volz
Essex	Alan Nye
Essex Junction	Mike Sullivan
Hinesburg	Rick McCraw
Huntington	-----
Jericho	Leslie Nulty
	Tom Joslin, alt.
Milton	Henry Bonges
Richmond	Andrew French
Shelburne	Margy Wiener
So. Burlington	Paul Stabler
	Allison Lazarz, alt.
St. George	-----
Underhill	Paul Ruess
Westford	-----
Williston	Kelton Bogasky
Winooski	Bryn Oakleaf
	Rachel Kennedy, alt.

**STAFF:** Sarah Reeves, Amy Jewell, Jen Holliday, Josh Estey, Jeannine McCrumb

**OTHERS PRESENT:** Jeff Myers, Myers Recycling, Michael Casella, Casella Waste Management

**AGENDA:**

1. Agenda
2. Public Comment Period
3. Consent Agenda
4. FY 25 Preliminary Budget
5. Asphalt Shingles
4. Other Business

**1. CALL TO ORDER and AGENDA** - Chair Paul Ruess called the meeting to order at 6:00 pm. He requested to discuss the asphalt shingles prior to the FY 25 Preliminary Budget.

**2. PUBLIC COMMENT PERIOD** – Mike Casella expressed concern for the proposed increase to the solid waste management fee in the proposed FY 25 Budget.

3. **CONSENT AGENDA** – minor changes to the minutes, accepted as presented, with changes included.

5. **ASPHALT SHINGLES** – S. Reeves reviewed that Myers Recycling Facility submitted a request to extend the waiver for separation and collection requirements for asphalt shingles and to extend the waiver of the solid waste management fee (SWMF) for this material. Due to no viable markets, in August 2022 the Board approved a temporary waiver through 8/31/2023 and extended the waiver through 12/31/2023 and also agreed to waive the SWMF for previously stockpiled material. The stockpiled material is approved for road building use at the landfill in Coventry. S. Reeves noted that Compliance Specialist Jeannine McCrumb researched regional markets and concluded there currently are no markets for asphalt shingles. The first resolution in the memo is to waive the separation requirement that is listed in CSWD's Solid Waste Management Ordinance. S. Reeves also noted that we could remove this additional separation requirement from our Ordinance. J. Estey reviewed the process for Ordinance changes, which includes several board meetings, a public review process, and an appeals process, with an expected effective change date of July 1, 2024. P. Ruess asked if we waive this, do the shingles go into the landfill?. J. McCrumb answered that is part of the discussion for tonight regarding previous versus new material.

**MOTION by R. McCraw second by Kelton Bogasky, be it Resolved that the Chittenden Solid Waste District's Board of Commissioners hereby waives until further notice the separation and collection requirements for asphalt shingles as described in the Solid Waste Management Ordinance. VOTING: ALL Ayes. Motion Carries.**

S. Reeves explained that our Board also waived the requirement for Myers to pay the SWMF fee. CSWD's SWMF is \$27/ton, but when material is used for alternate daily cover (ADC) or other landfill site improvements it is charged 25% of that fee at \$6.75/ton. The rationale for the waiver was that Myers had been collecting and separating the material with the hopes of recycling it and did not collect the SWMF from their customers. If they now had to bring that material to a landfill the additional cost is a burden. The Board agreed to waive the fee for a 12-month period which was extended to December 31, 2023. Staff is now recommending that as of January 1, 2024, 25% of the SWMF, as outlined in the ordinance be instituted.

Discussion was held regarding consideration to extend the waiver or to implement the 25% SWMF. Staff recommends implementing the 25% SWMF as of January 1, 2024, partially due to there being precedent for materials being used in a similar way. Jeff Myers represented to the Board the work done at his facility to separate the shingles which includes four employees hand sorting the material. He said that this recycling process is beneficial to the community and to Casella, who uses it for road building at the landfill in Coventry, saving them money by not buying virgin material such as stone. J. Myers said that his facility is doing more recycling than any other transfer station in Vermont and should not have to pay the \$6.75/ton fee.

The Board held a lengthy discussion on the logistics of Myers collection process and Casella's savings in using that material for road building. Questions included inquiry regarding Casella and Myers negotiating preferential rates given Casella's savings from using this material and whether Myers is passing the SWMF fee onto his customers. J. Holliday informed the Board that that State has waived the landfill ban on asphalt shingles so there is no requirement and S. Reeves noted that CSWD's Ordinance states that the Board may exempt or partially exempt other materials from the imposition of the SWMF upon good cause shown.

J. Estey noted that any approved materials sent to the landfill that are used for beneficial reuse, such as alternative daily cover, and are approved by the State, are charged 25% of the SWMF fee. J. McCrumb said that we want to be consistent and the reason that the Board approved the initial waiver for Myers is because the stockpiled material wasn't charged the SWMF fee. Once that stockpile is depleted, the staff recommendation is to implement a 25% SWMF. J. Estey explained this reduced fee was put in place to acknowledge that the material was being used for beneficial reuse and replacing virgin material, but to also recognize that in the end, it is ending up in a landfill. A board member asked whether any other materials that have historically been approved for beneficial reuse in the landfill, and thus a 75% reduction in the SWMF, have required similar additional processing as shingles – S. Reeves confirmed that to her knowledge they didn't.

**MOTION by P. Stabler, second K. Spencer to continue the waiver of the solid waste management fee on asphalt shingles that are used for road building in the landfill in Coventry through December 31, 2024, and furthermore to direct staff to continue to investigate markets for this material and report back to the Board in a timely manner. MOTION: All Ayes. Motion carries.**

P. Ruess thanked Myers for the recycling program that they have in place and acknowledged the work that is done at that facility including the previous work done in hand-sorting asphalt shingles for recycling.

**4. FY 25 Preliminary Budget –**

P. Ruess introduced that this is a preliminary budget required by Charter to be presented to the Board no later than December 1 and that further work will be done on the proposed budget and presented to the Finance Committee and then the Board. He noted that this process is done to notify member municipalities if an assessment will be charged.

S. Reeves introduced the proposed FY 25 Budget and noted that there are no member assessments contained in the proposed budget. She informed the Board of the key drivers for the budget as presented. Those include: a 4% cost of living, which we believe will go down when the budget is further developed in February; a 10% increase to health insurance and fuel and utilities; a 10% increase to the MRF tipping fees; increase to revenue from interest (200%), and a 1% increase to the solid waste management fee. S. Reeves noted while she is recommending an increase to the solid waste management fee from \$27/ton (set in 2013) to \$30/ton, the increase is not yet factored into the proposed budget. She noted that we have seen double-digit cost increases in recent years with no change to the SWMF. The fees will allow the District to augment the Closed Landfill Reserve, which is likely to fall short of anticipated need should PFAS treatment of the landfill's leachate be required by either the EPA or ANR. It was noted that \$27 in 2013 dollars would roughly equate \$36 dollars in 2023.

***MOTION by Kelton Bogasky, second by Alan Nye, be it Resolved that the Board of Commissioners acknowledges the receipt of a proposed Fiscal Year 2025 budget to be further developed through the normal budget process.***

***VOTING: All Ayes. Motion Carries.***

M. Casella noted that CSWD is in the black and commended CSWD for the nice job that has been done in building infrastructure. He said he would like to know specifically what the increase will be used for and understands the need for post-closure money for the landfill.

**6. Other Business.** No other business

**Motion to adjourn. Moved by K. Bogasky, seconded by A. Nye. VOTING: All ayes. Motion passes. Meeting adjourned at 7:44 p.m.**

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Amy Jewell, Recording Secretary

***I agree that this is an original copy of minutes and they have been approved by motion of the Board of Commissioners at the \_\_\_\_\_ meeting held in Williston.***

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***Amy Jewell, Secretary***

## MEMORANDUM

To: Board of Commissioners

From: CSWD Staff

Date: December 14, 2023

Re: Program Updates

- Solid Waste Management Fee and Disposal (Jon and Becky) – (see attached)
  - As of the end of October, from a budget perspective, the SWMF is 8.2% above projected revenues. FY24 revenue is 6.3% higher than FY23 year-to-date. Adjustments to prior monthly totals are due to delayed receipt of tickets related to disposed material leaving the Burlington High School demolition. November totals will be available next month.
- Organics Recycling Facility (Dan) –
  - The ORF received 322.5 tons of billable food waste in the month of November. This brings Fiscal YTD totals to 1,627 tons. November's tons were 23% lower than the prior month and 1% of the average monthly total for all of FY23.
  - The comingling of leaves and natural wood at the ORF's expanded Yard Waste Depot receiving area is going well. The larger footprint has allowed for additional vehicles to unload at any time and the end of segregated loads plus additional hours has been very popular with commercial and residential customers alike. Despite concerns over a surge of contamination in the new, combined pile, staff have been pleasantly surprised to find general adherence to the new acceptance guidelines.
  - ORF staff have hosted two separate demonstrations of shredders at the facility between November and December. At least one additional shredder demonstration is expected in the coming weeks. Evaluations are being conducted on the potential for carrying out yardwaste size reduction needs in-house rather than contracting out the service as has been done in recent years.
- Materials Recovery Facility (Josh)
  - FYTD average monthly inbound single stream material: 3,675 tons
  - FYTD average monthly marketed material: 2,952 tons
  - FYTD average commodity revenue (ACR): \$63.12/ton
  - All data includes PGA tons and costs.
- Marketing & Communications (Alise)

- Holiday communications are scheduled for December/January via social media, website notifications and our text alerts program.
- A “Holiday Waste Disposal” radio ad is currently running on WKOL, WOKO and Star 92.9 through 1/12/2024. The ad focuses on reducing holiday waste, keeping string lights out of blue bin recycling and the disposal of Christmas trees.
- New Website: The new website launch date has been revised to the end of February. The revised dates some additional work that needs to be completed and the limited ability of our partner agency to complete the work.
- Our text alert sign-up push was very successful with over 125 new subscribers to the service. We will continue to ask customers to join this service as we move through the winter weather season.

#### Media Mentions: None

- Outreach Team (Beth) The big news is that we are extremely close to hiring a new Business Outreach Coordinator. We had several super dynamic applicants and look forward to offering the position to one shortly. Our Wednesday Winter Webinar series continues on January 3 with a discussion on how to spot greenwashing. Keep an eye out for our “12 Days of Disposal” series on Facebook and Instagram. These posts were super popular last year so we are bringing them back this year. It shows the great work that Marketing and Outreach can do when we put our heads together!!
- Administration (Amy) Open enrollment is ending this week for employees eligible for health and vision coverage. It also is a time for employees to revisit their health savings account and retirement contributions. Information on open enrollment was mailed out to employees in early November and a meeting was held in late November to review benefits and highlight changes. After review of the twenty-six plan options offered through the Exchange, CSWD will continue to offer eligible employees the MVP Bronze Plan. The 2024 premiums increased by 12%. A 10% increase was included in the FY 24 Budget. Even with the 12% increase, budget projections for health insurance are tracking well below budget.

# CHITTENDEN SOLID WASTE DISTRICT

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

Month	Total Tons per Month			
	FY 23 tons	FY 24 tons	Tons Diff.	% Diff
Jul	11,558	11,537	-20	-0.2%
Aug	11,729	12,584	854	7.3%
Sep	11,236	12,379	1,143	10.2%
Oct	11,289	12,219	930	8.2%
Nov				
Dec				
Jan				
Feb	20)			
Mar				
Apr				
May				
Jun				
<b>Total Tons YTD</b>	<b>45,812</b>	<b>48,719</b>	<b>2,907</b>	<b>6.3%</b>
<b>Mgmnt Fee \$ YTD</b>	<b>\$1,236,917</b>	<b>\$1,315,418</b>	<b>\$78,500</b>	<b>6.3%</b>

	Tons	\$
FY 24 Budget	123,545	\$3,335,702
FY 24 Actual YTD	48,719	\$1,315,418
Difference	-74,825	(\$2,020,284)
FY 24 Actual % YTD vs Budget %	39.4%	
YTD % of Months	33.3%	



# Chittenden Solid Waste District

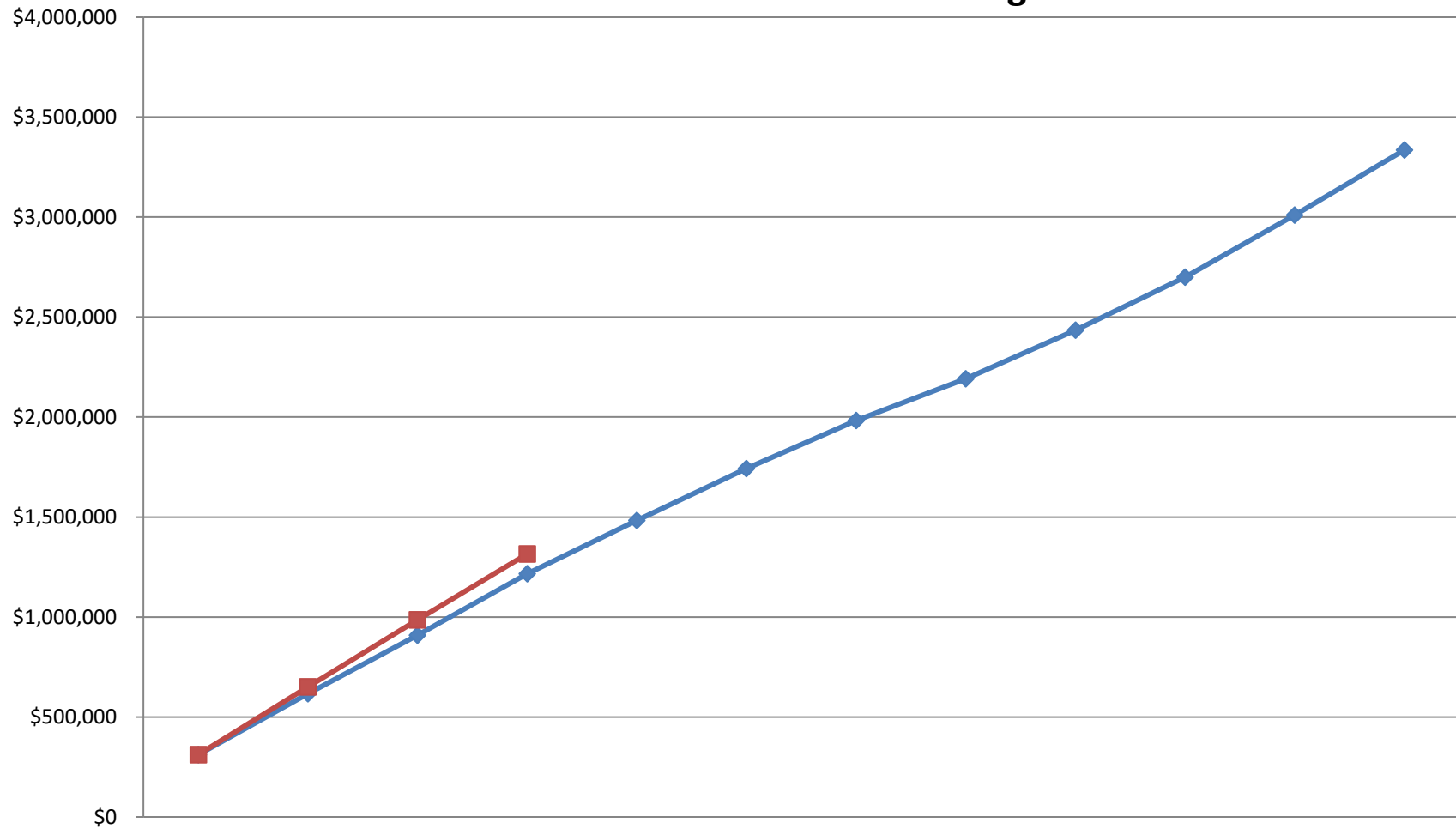
## Solid Waste Management Fee FY 24 (Budget versus Actual)

Time	Tons	\$/Ton	\$
FY 24 Budget	123,545	\$27.00	\$3,335,702

\$	Budget \$			Actual		Difference		% of YTD Budget
	Percent	\$ per month	\$ YTD	\$ per month	\$ YTD	\$ per month	\$ YTD	
Jul-23	9.3%	\$311,066	\$311,066	\$311,501	\$311,501	\$435	\$435	100.1%
Aug-23	9.1%	\$305,095	\$616,161	\$339,763	\$651,265	\$34,669	\$35,104	105.7%
Sep-23	8.8%	\$292,115	\$908,276	\$334,246	\$985,511	\$42,131	\$77,235	108.5%
Oct-23	9.2%	\$307,899	\$1,216,175	\$329,907	\$1,315,418	\$22,008	\$99,242	108.2%
Nov-23	8.0%	\$266,762	\$1,482,937					
Dec-23	7.8%	\$259,428	\$1,742,365					
Jan-24	7.2%	\$240,868	\$1,983,233					
Feb-24	6.3%	\$208,517	\$2,191,750					
Mar-24	7.3%	\$242,566	\$2,434,316					
Apr-24	8.0%	\$265,766	\$2,700,082					
May-24	9.3%	\$309,972	\$3,010,054					
Jun-24	9.8%	\$325,647	\$3,335,702					

TONS	Budget Tons			Actual		Difference	
	Percent	Monthly Tons	Tons YTD	Tons per month	Tons YTD	Tons per month	Tons YTD
Jul-23	9.3%	11,521	11,521	11,537	11,537	16	16
Aug-23	18.5%	11,300	22,821	12,584	24,121	1,284	1,300
Sep-23	27.2%	10,819	33,640	12,379	36,500	1,560	2,861
Oct-23	36.5%	11,404	45,044	12,219	48,719	815	3,676
Nov-23	44.5%	9,880	54,924				
Dec-23	52.2%	9,608	64,532				
Jan-24	59.5%	8,921	73,453				
Feb-24	65.7%	7,723	81,176				
Mar-24	73.0%	8,984	90,160				
Apr-24	80.9%	9,843	100,003				
May-24	90.2%	11,480	111,483				
Jun-24	100.0%	12,061	123,545				

## CSWD - Solid Waste Management Fee Revenues Year-To-Date - FY 24 Actual v. FY 24 Budget



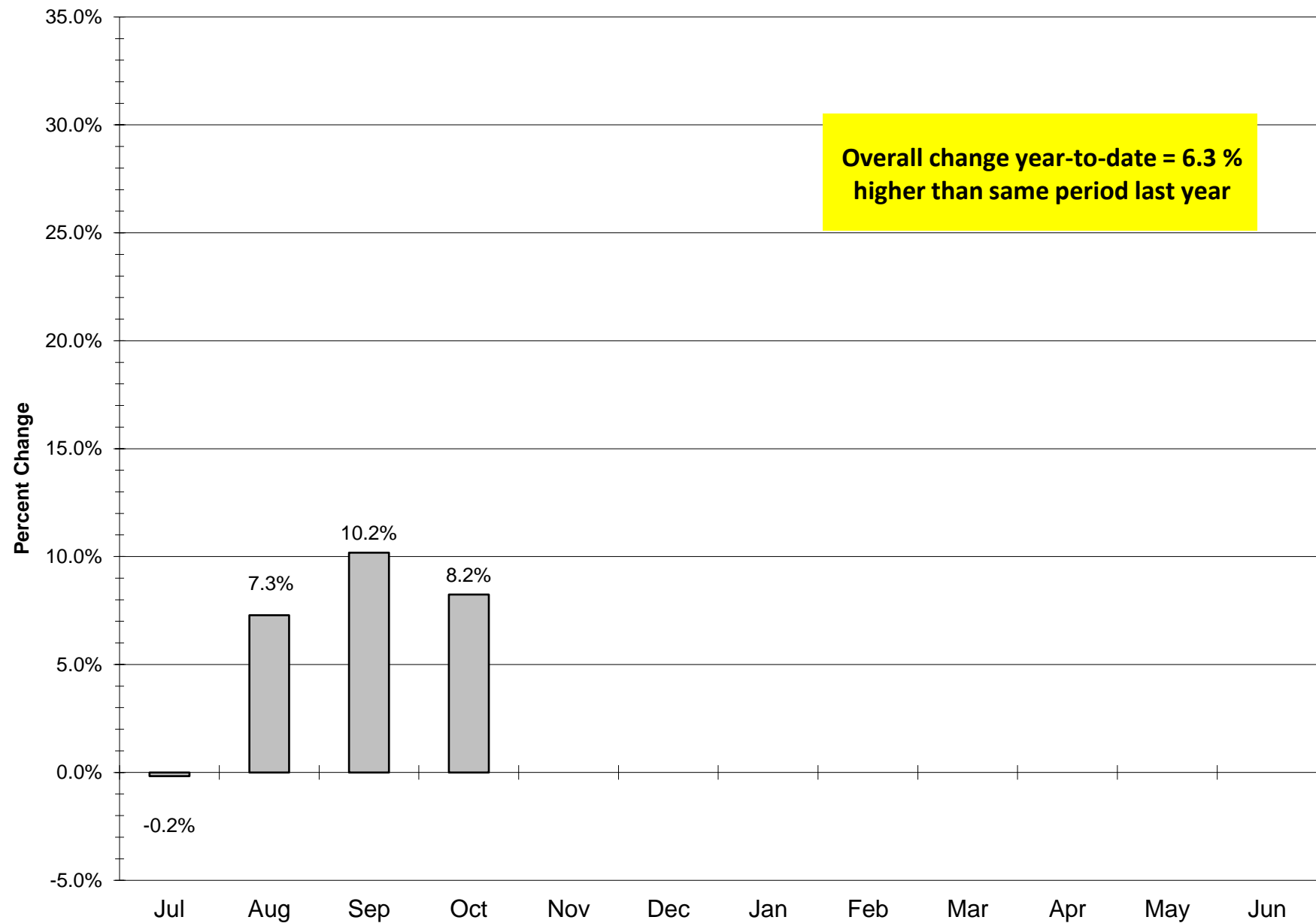
	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
—◆— Budget	\$311,066	\$616,161	\$908,276	\$1,216,175	\$1,482,937	\$1,742,365	\$1,983,233	\$2,191,750	\$2,434,316	\$2,700,082	\$3,010,054	\$3,335,702
—■— Actual	\$311,501	\$651,265	\$985,511	\$1,315,418								

# CHITTENDEN SOLID WASTE DISTRICT

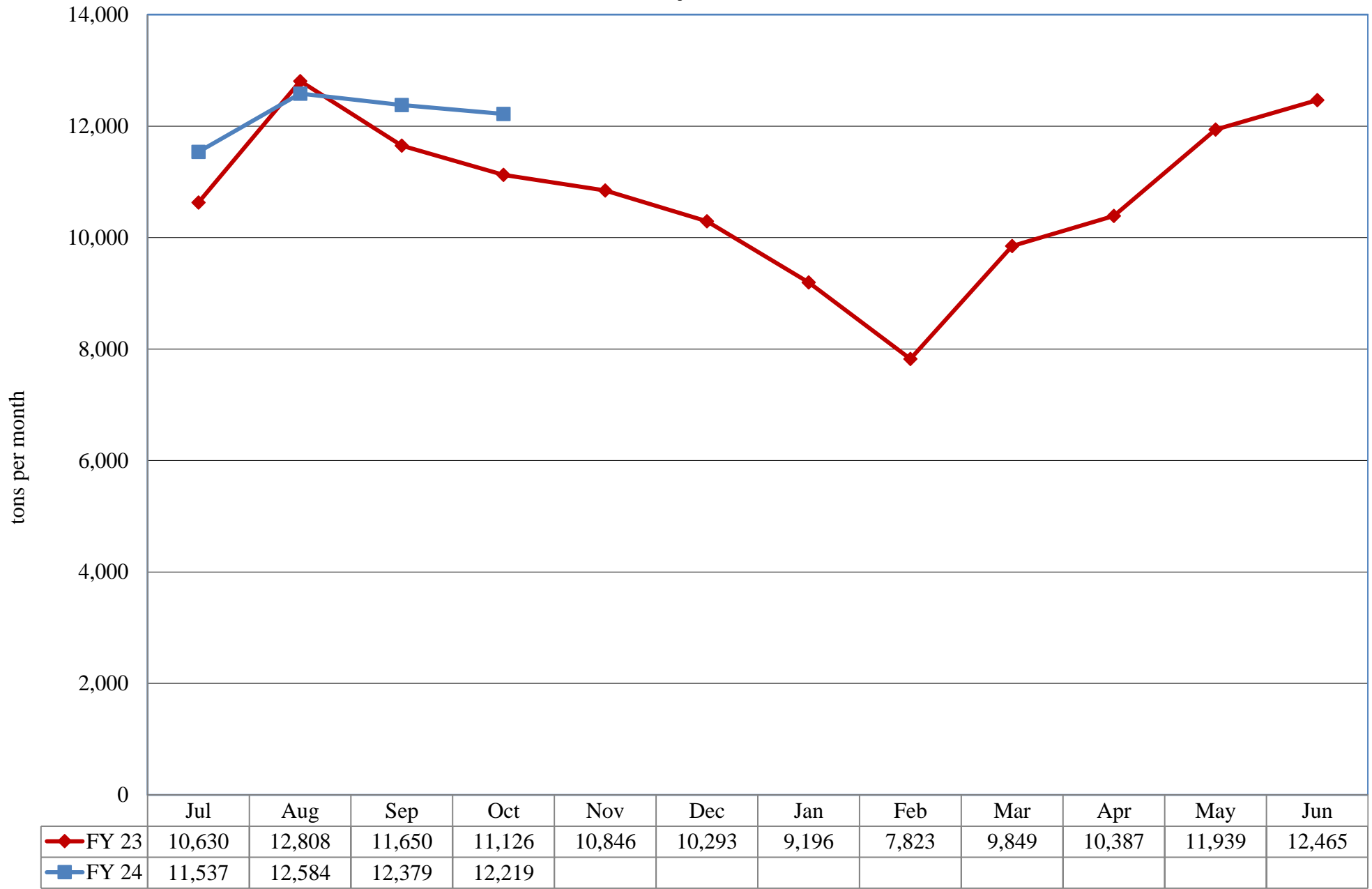
## SWMF Tons Refuse Disposed per Operating Weekday

Month	FY 23			FY 24			Difference FY 24 vs FY 23			
	Monthly Tons	# Operating Weekdays	Avg Tons/Day	Monthly Tons	# Operating Weekdays	Avg Tons/Day	Monthly Tons	# Operating Weekdays	Tons/Day Tons	Tons/Day %
Jul	11,558	20	577.9	11,537	20	576.9	-20	0	-1.0	-0.2%
Aug	11,729	23	510.0	12,584	23	547.1	854	0	37.1	7.3%
Sep	11,236	21	535.0	12,379	20	619.0	1,143	-1	83.9	15.7%
Oct	11,289	21	537.6	12,219	22	555.4	930	1	17.8	3.3%
Nov		21			21			0	0.0	
Dec		22			20			-2	0.0	
Jan		22			22			0	0.0	
Feb		20			20			0	0.0	
Mar		23			22			-1	0.0	
Apr		20			22			2	0.0	
May		22			22			0	0.0	
Jun		22			20			-2	0.0	
Total	45,812	257		48,719	254		2,907	-3		
Average			178.3			191.8			13.6	7.6%

Difference in SWMF Tons Per Month Disposed  
FY24 versus FY23

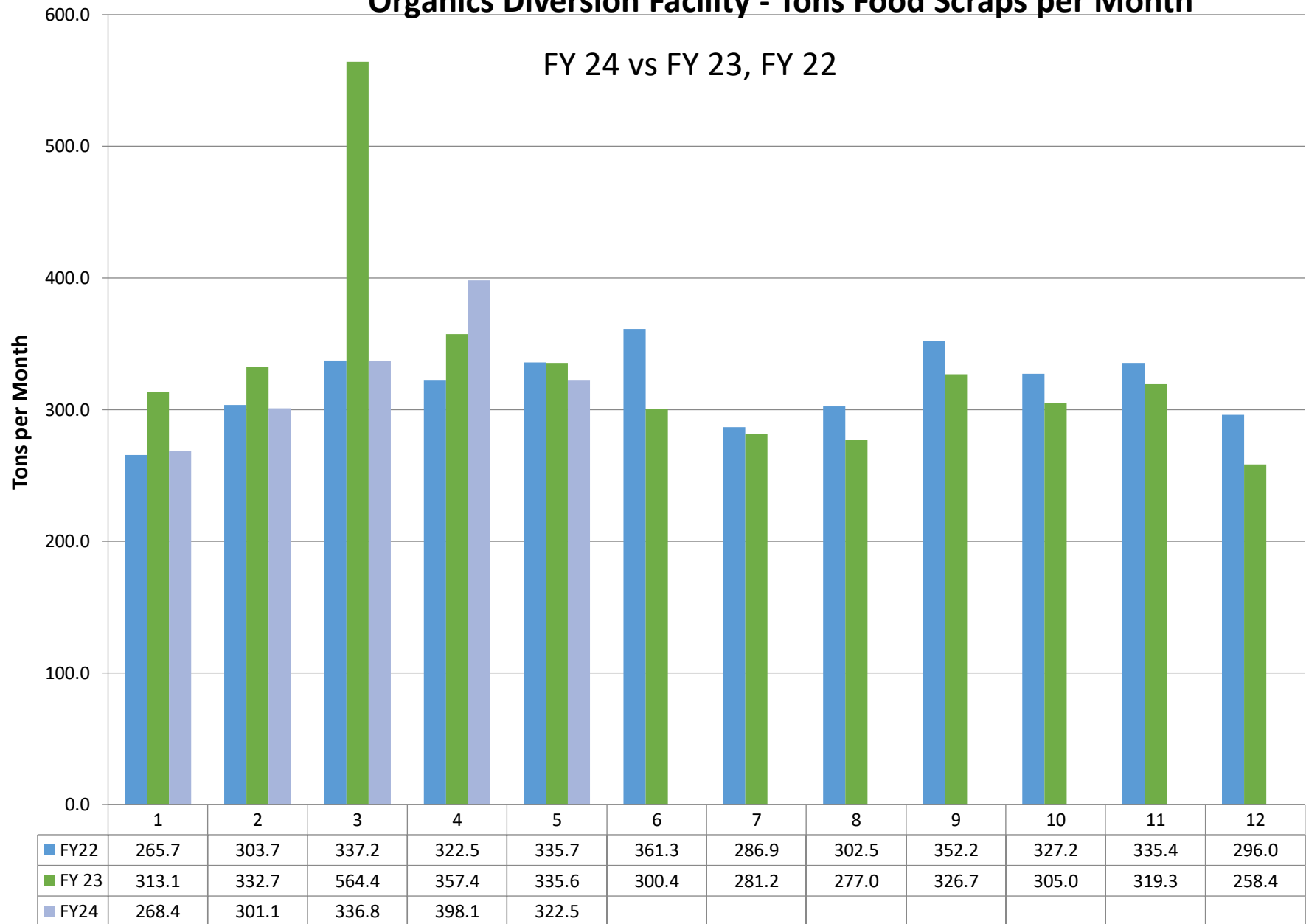


# CSWD - SWMF Tons Trash per Month - FY 24 v. FY 23



## Organics Diversion Facility - Tons Food Scraps per Month

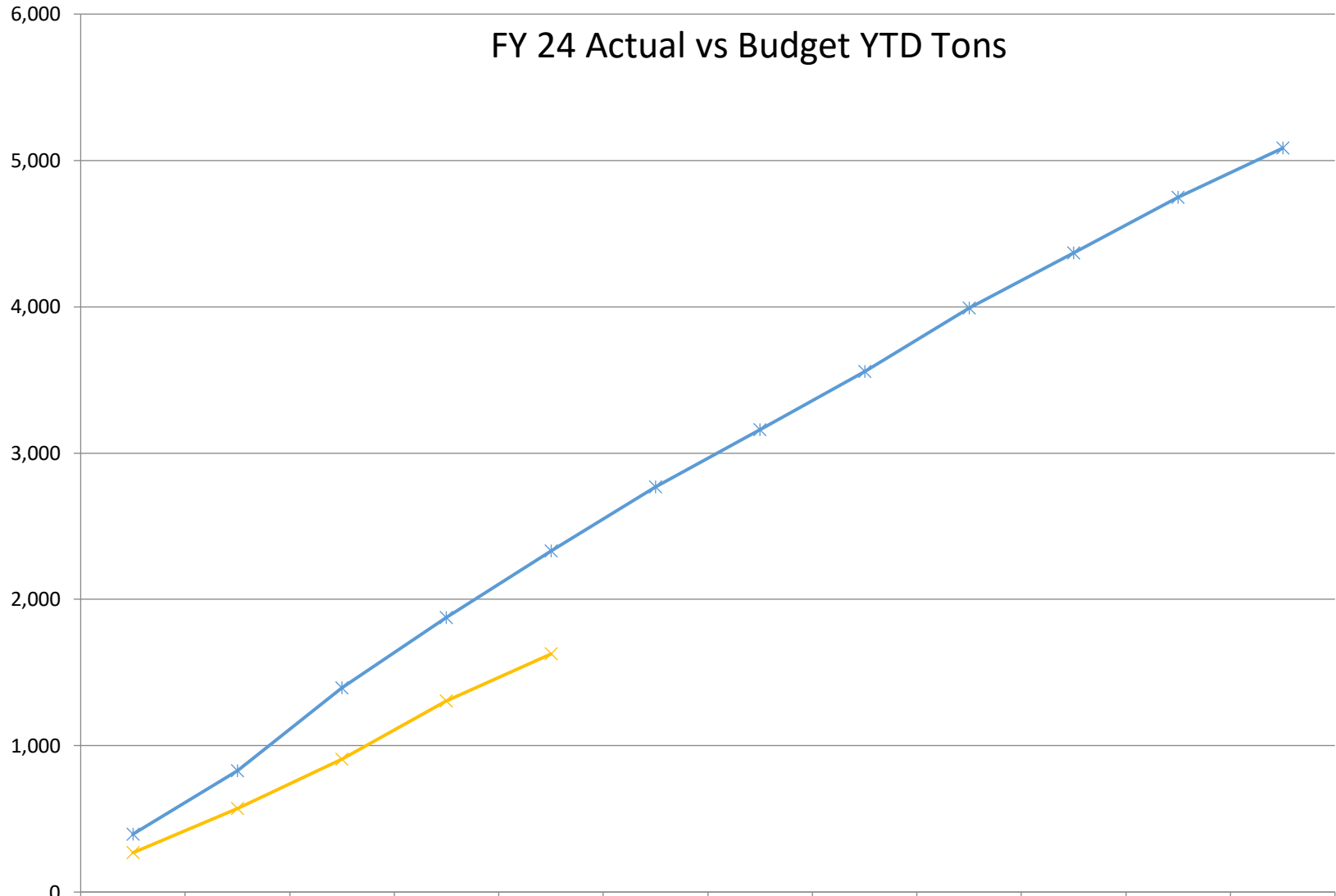
FY 24 vs FY 23, FY 22



## Organics Diversion Facility - Incoming Food Scraps

FY 24 Actual vs Budget YTD Tons

Cumulative Year-to-Date Tons



	1	2	3	4	5	6	7	8	9	10	11	12
<span style="color: yellow;">✕</span> FY24	268	569	906	1,304	1,627							
<span style="color: blue;">✕</span> Budget FY 24	396	829	1,396	1,877	2,332	2,767	3,160	3,557	3,990	4,369	4,748	5,084

### #3.3

TO: Board of Commissioners  
FROM: Sarah Reeves  
DATE: December 13, 2023  
RE: Executive Director Update

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#### **November 8 - PRESENT**

- **MRF CONTRACTS:**

- In late November I executed a contract with Addison County Solid Waste Management District to secure their blue bin recyclables into the CSWD MRF. We are guaranteeing a not-to-exceed tip fee of \$85/ton to the ACSWMD for calendar year 2024 in exchange for exclusive rights to the blue bin recyclables collected at their Middlebury transfer station. ACSWMD generates between 4,000-4,400 tons of MRF recyclables annually. The contract is for one year, commencing January 2024.
- We negotiated a tip fee reduction with Strategic Materials for the glass product we send them for the months we're not able to produce PGA. The new tip fee will be \$90/ton, down from \$96/ton. We send approximately 3,000 tons of material to SMI.

- **DOC PRICING:**

- Non-Covered Electronics: Beginning January 9, we will resume collecting a fee for non-covered electronics. Certain electronics are "covered" by an Extended Producer Responsibility law and are collected at no charge to the consumer or to CSWD. The electronics recycler also accepts electronics that are not included in the law ("non-covered") when they collect the e-waste, but charges CSWD for those items. We ceased charging our customers for non-covered electronics during the height of the pandemic in order to simplify transactions at the DOCs and at the Environmental Depot. To help balance the DOC budget, we're reimplementing these fees as essentially a pass-through and are the same as in FY20: \$2 per non-covered electronic item (e.g., VCR, stereo components, small satellite dish, electronic game console, etc.). Large items such as an office printer (floor model) will be charged \$5 per unit.
- C&D: As a matter of past practice, CSWD has mirrored the cubic yard pricing of Construction and Demolition debris to the per gallon pricing of MSW bagged waste. We did not implement the corresponding mirroring when we raised bag prices in July in the hopes of conducting a revised pricing study. Due to staffing changes and absences, that study was not conducted. We are resuming the mirroring practice until we are able to do the study. Increasing the price accordingly brings C&D back in line with Pay as You Throw guidance. C&D will now be priced at \$96/cy (old price was \$84/cy).
- Bag Sizes: We've begun offering a wider variety of bag size pricing to facilitate easier communication to customers regarding what they might expect to pay for different quantities of MSW and C&D. July 1, we added an "extra small" bag of MSW to accommodate those who generate very small amounts of trash. This size is up to five gallons and the fee is \$1. We've also



added a  $\frac{1}{2}$  and a  $\frac{3}{4}$  cubic yard size for MSW and C&D, and are charged at either  $\frac{1}{2}$  or  $\frac{3}{4}$  the cubic yard price for either MSW or C&D. At that amount, a “bag” may be a container, barrel, or a portion of a vehicle or trailer. Our DOC Operators are trained to discern the appropriate amount of material a customer has, and to apply the fees accordingly.

#### **January 2024**

- January 1: New Year’s Day, all facilities closed
- January 11: All Staff training, all facilities closed (ORF open until Noon)
- January 15: MLK, Jr Day, all facilities closed
- January 16: Executive Board, 5:00pm PLEASE NOTE, this is a Tuesday
- January 24: Full Board, 6:00pm

To: Board of Commissioners  
From: Laura Tomasi, Accountant  
Date: 12/14/2023  
RE: Warrants, Reserves & Cash Balance

The following warrants have been reviewed by the Finance Committee and disbursements have been issued since the last submitted Finance Memo:

Warrant Date	Warrant Amount
11/14/23	\$732,282.44
11/29/23	\$371,131.53

Reserve balances indicate how much of that cash has been assigned or committed for a particular purpose.

As of, November 30, 2023

Assigned Reserve balances are as follows:

Landfill Post Closure	\$ 608,302.08
Facility Closure	\$ 1,466,061.63
Capital Reserves	\$ 11,182,246.37
Biosolids Reserve	\$ 396,291.00
Community Clean Up	\$ 86,385.72
Solid Waste Reserve	\$ 1,000,000.00
<u>Operating Reserve</u>	<u>\$ 1,750,000.00</u>
Total Designated:	\$ 16,489,286.80
Total Undesignated:	\$ 882,100.64
Cash & Cash Equivalents:	\$ 11,171,345.58
Investments:	\$ 4,234,263.48
Current Liabilities:	\$ 496,374.81



**ADMINISTRATIVE OFFICE**

19 Gregory Drive, Suite 204  
South Burlington, VT 05403

**EMAIL** [info@cswd.net](mailto:info@cswd.net)

**TEL** (802) 872-8100

**[www.cswd.net](http://www.cswd.net)**

**Breakdown of Community Clean Up Reserve by Location as of November 30, 2023:**

Bolton	\$ 2,500.00
Burlington	10,000.00
Charlotte	2,500.00
Colchester	7,500.00
Essex Jct	5,000.00
Essex Town	7,500.00
Hinesburg	2,972.22
Huntington	2,500.00
Jericho	5,000.00
Milton	3,413.50
Richmond	5,000.00
Shelburne	5,000.00
S. Burlington	7,500.00
St. George	2,500.00
Underhill	5,000.00
Westford	2,500.00
Williston	5,000.00
Winooski	5,000.00

TO: Board of Commissioners

FROM: Josh Estey, Director of Compliance and Hazardous Waste

DATE: December 13, 2023

RE: RFB No. 20211119/20230224 Skid Steer for Materials Recycling Facility - Procurement

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CSWD Staff issued a Request for Bid (RFB) for the procurement of one skid steer per RFB No. 20211119, dated November 19, 2021. This procurement was a scheduled rolling stock replacement, per our operating contract with Casella. The skid steer that was approved by the Board for purchase from that RFB was a John Deere 324G. Since taking receipt of that machine, it has been plagued with an ongoing issue of a snapping drive chain (every 200-400 hours or so). United Construction and John Deere corporate have been involved and critical in trying to address this issue. The last fix they suggested was removing the counterweight as requested in the RFB and switching the tires from solid rubber to air-filled tires. This swap, as they suggested, did result in a longer time between issues but ultimately just delayed the inevitable as just a few weeks ago the drive chain snapped again. United Construction has been out to see the machine since and is working with John Deere corporate to identify a solution, which would be to buy back this machine.

In the meantime, RFB 20230224 (second skid steer for the MRF, also a scheduled replacement) was sent out but ultimately put on hold to allow time to resolve the situation with John Deere if possible. The hold on the RFP meant that we needed to rent skid steers to ensure day-to-day continuation of service due to the unreliability of the Deere unit. Rental skid steers have been in place since and are still onsite today. Rather than rebid, CSWD staff are recommending an exemption from bidding for two skid steers from Milton Cat for a variety of reasons:

- The current skid steers onsite are Cat machines and Casella operations/maintenance staff are keenly aware of their abilities, their operations, and their maintenance and feel comfortable in all aspects of the units.
- The current MRF, as well as the new MRF, is/will be limited in process floor accessibility. By purchasing units, we know will fit everywhere with our current operation, we know we will not run into any operational limitations.
- Cat has a stellar track record for maintenance and seemingly the most robust service infrastructure which will result in less downtime when there is an issue and when preventative maintenance is needed. In addition, if a machine is down for an extended period of time, Milton Rents is prompt with an identical machine meaning no learning curve with a new brand of machine.
- While the response for maintenance has been professional and prompt by John Deere/United, at this point we cannot trust their skid steer in this application.
- The other bidders from the 2021 RFB offered Kubota and Bobcat units – while these are tried and true brands, the maintenance availability is an unknown and for units getting so many hours put on them that is a significant factor to consider.

The proposed equipment has an identified useful life as a skid steer for a minimum of five years' timeframe and come with a three-year warranty. Given that the new MRF should have less of reliance on the use of skid steers, the useful life should be extended beyond five years. Final purchase price to be determined based on available/needed options.

**BE IT RESOLVED that the Board of Commissioners authorizes the Executive Director to enter into a contractual agreement for the purchase of two Caterpillar 242D3 skid steers from Milton Cat, in Milford, MA, for an amount not to exceed \$150,000.00.**





# CSWD Board Meeting

December 20, 2023

Josh Kelly  
Solid Waste Program Manager



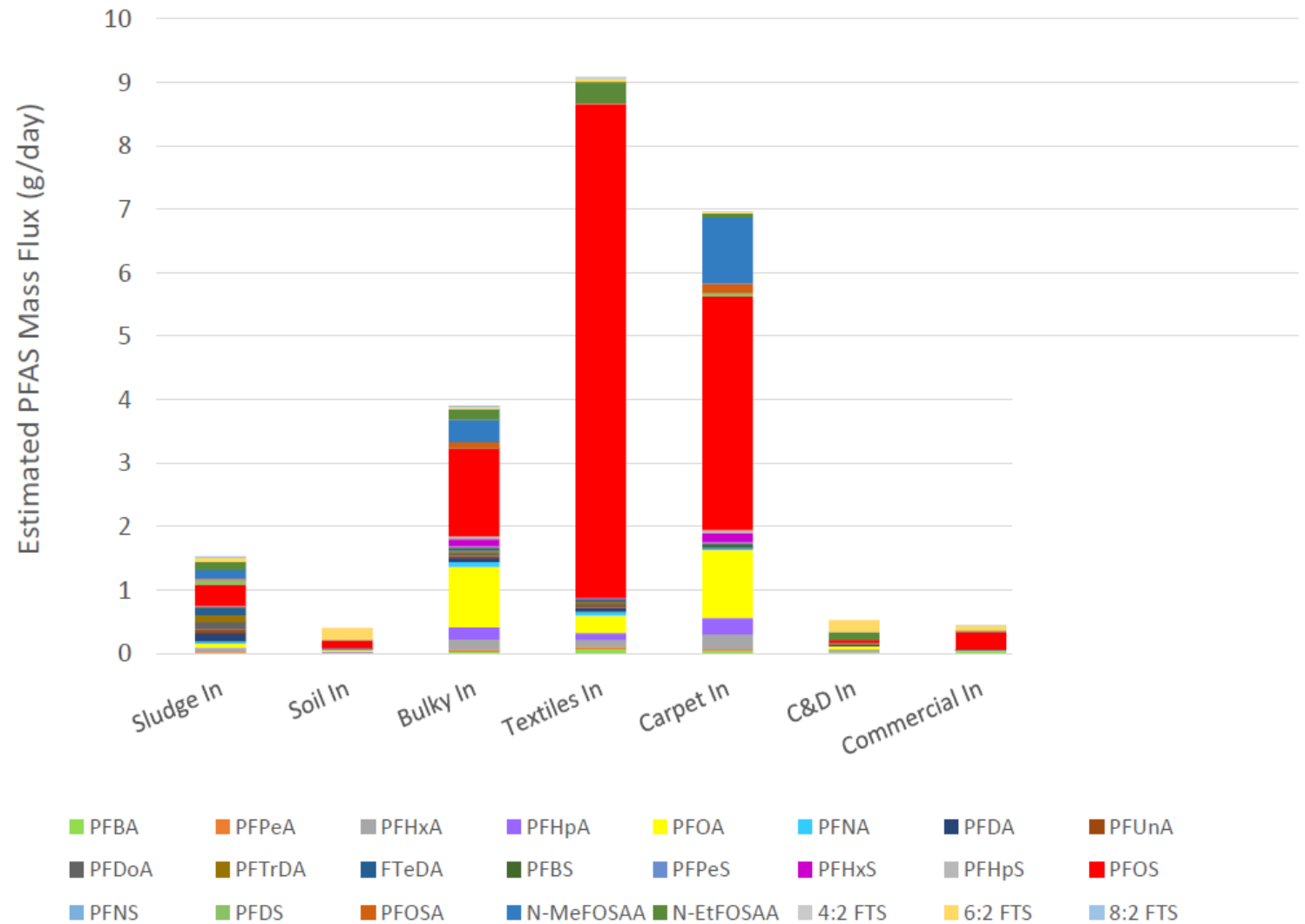






# NEWSVT Waste Stream PFAS Sampling

Sanborn & Head Report  
(Oct 2019)

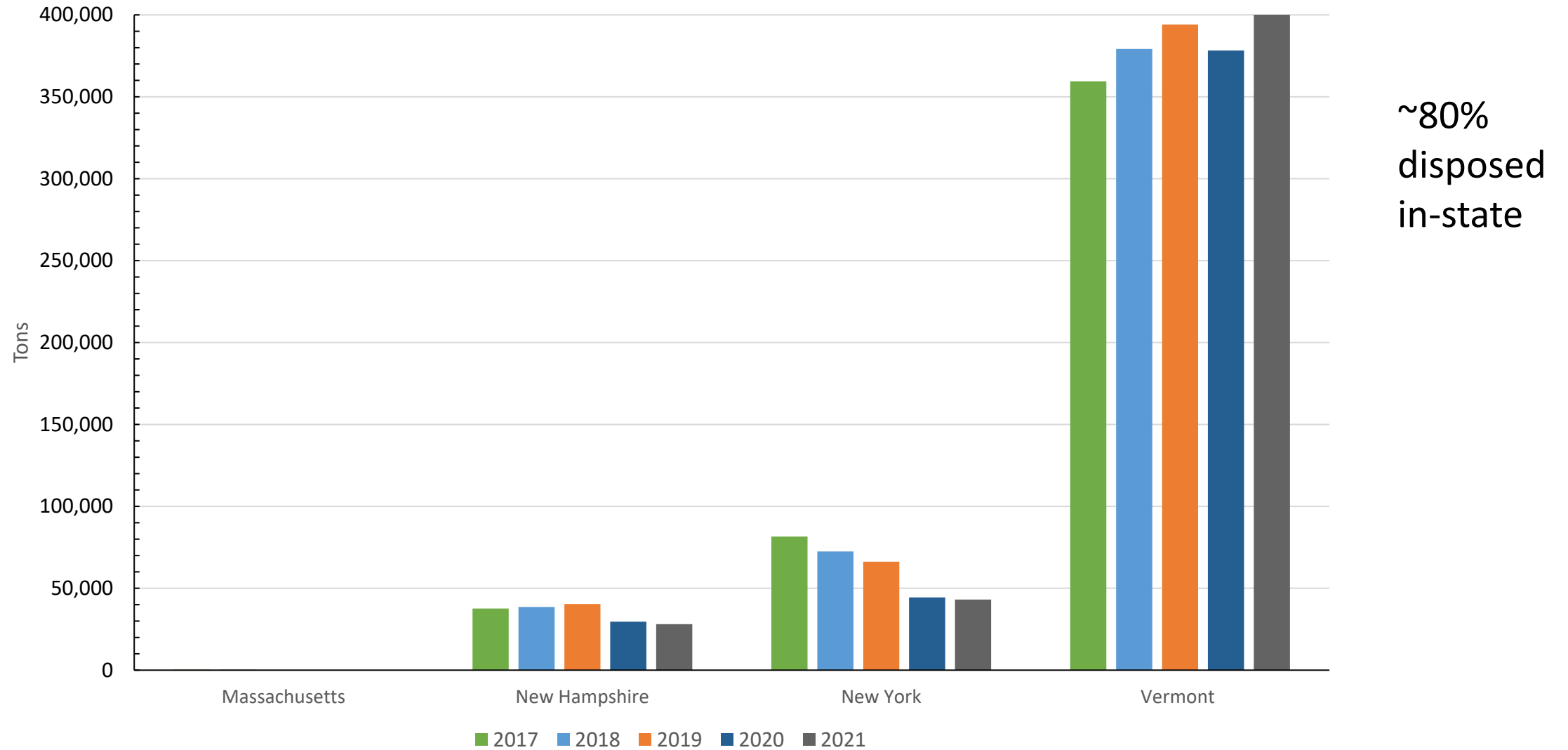




NEWSVT Landfill Coventry, VT  
~ 18 years of capacity

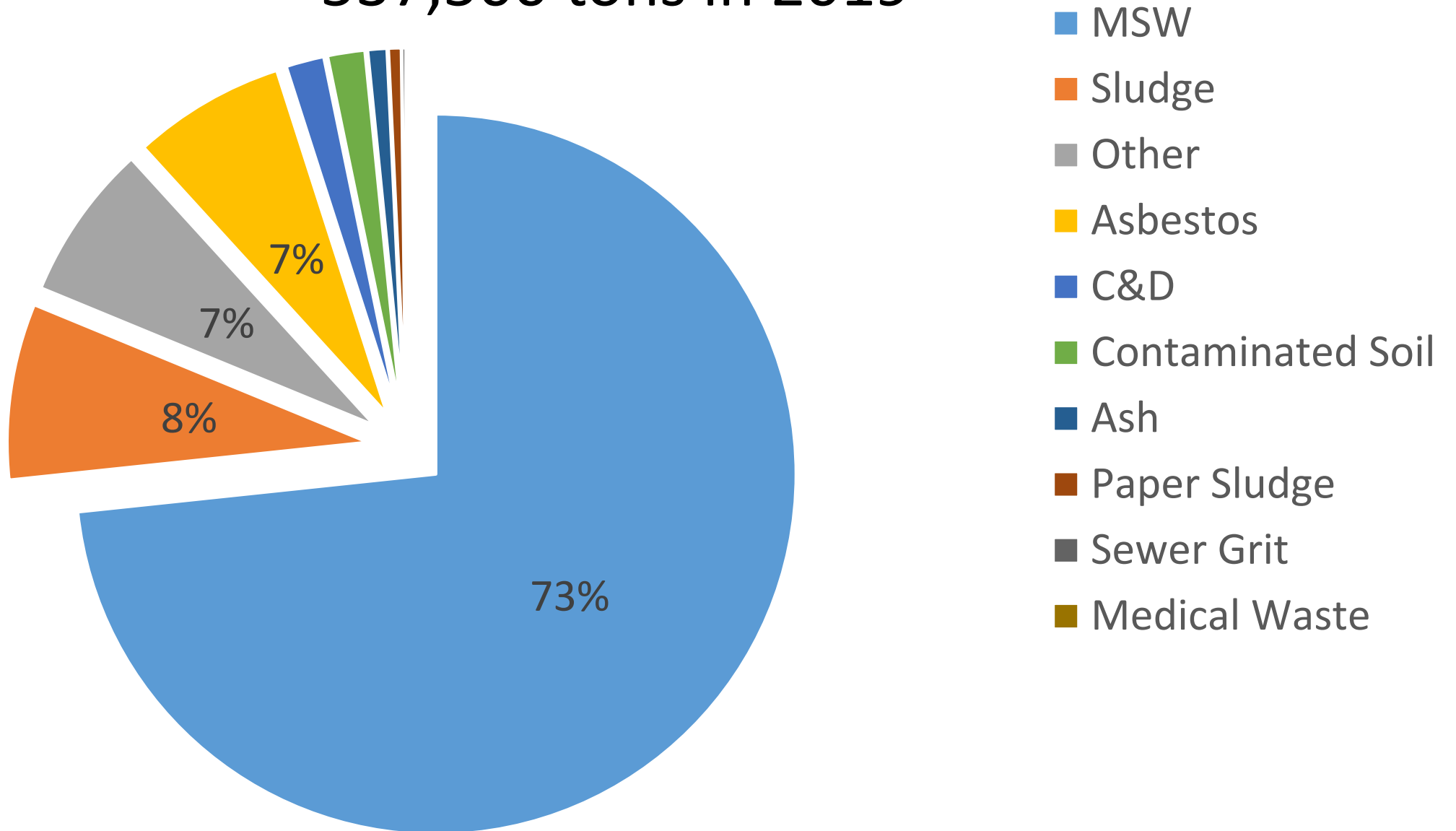


# The Destination of Vermont's Waste



# What's in VT's Disposed Waste?

## 537,500 tons in 2019



# Toxicity and Tonnage

## EPR & Disposal Bans

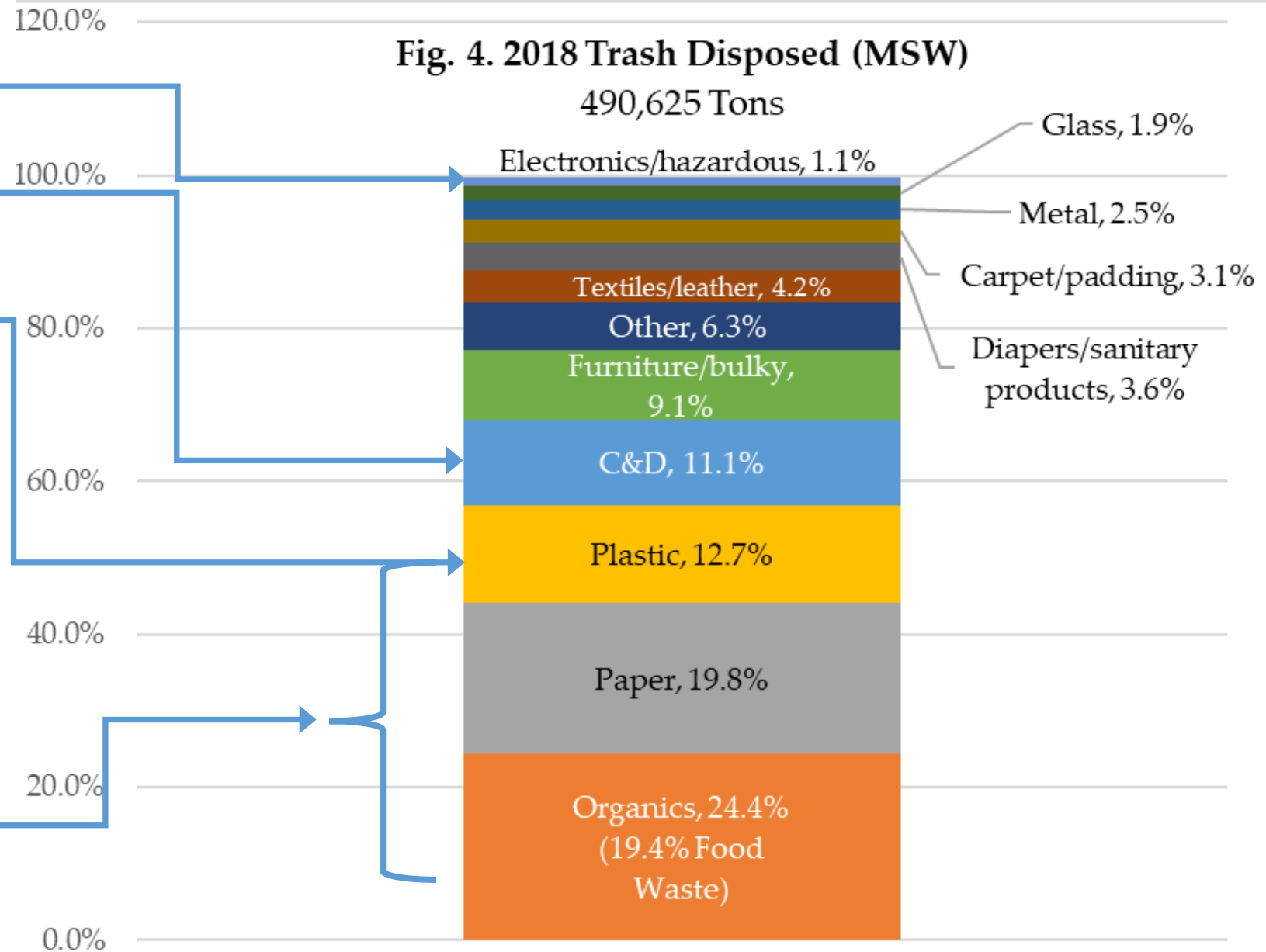
Act 175: C&D recycling  
required if facility within  
20 miles

Single Use Products Law  
& PFAS product bans

Universal Recycling law  
(recycling, leaf/yard/  
wood waste, & food  
waste disposal bans)  
Collection requirements  
& Bottle Bill (product  
stewardship)

**Fig. 4. 2018 Trash Disposed (MSW)**

490,625 Tons



# Vermont Landfill/Disposal Bans

1. Lead-acid batteries
2. Waste oil
3. White goods – refrigerators, washer/dryers, ranges, water heaters, dishwashers, freezers.
4. Tires
5. Paint (oil and water-based), thinner, paint remover, stains, varnish
6. Nickel-cadmium batteries, small sealed lead-acid batteries, mercuric oxide batteries
7. Mercury-added products – mercury CFL and linear bulbs, mercury thermostats...
8. Electronics – computers, TVs, printers, VCR/DVD players, game consoles, stereos, telephones...
9. Mandated recyclables – cardboard, boxboard, mixed paper, glass food and beverage containers, aluminum cans/pie tins/clean foil, steel cans, and plastic containers #1 & #2
10. Leaf and yard residuals and clean wood – leaves, grass clippings, brush, logs, stumps...
11. Food residuals
12. “Covered Household Hazardous Products” as of July 1, 2025

# Ongoing Solid Waste Issues

- Emerging Contaminants - PFAS & Microplastics
- High costs of Household Hazardous Waste (HHW)
- Bottle Bill Expansion, Recycling & Packaging EPR
- Rechargeable Batteries (and Tires)
- Climate Change & Waste Reduction
- Disposal Capacity

# Thank You

Josh Kelly

VT Agency of Natural Resources

Dept. of Environmental Conservation

802-522-5897

[josh.kelly@vermont.gov](mailto:josh.kelly@vermont.gov)



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[VTrecycles.com](http://VTrecycles.com)

