



MEMORANDUM

TO: MIRA Board of Directors
FROM: Donald S. Stein, Chairman
DATE: October 8, 2020
RE: Notice of Regular Telephonic Meeting

There will be a *regular telephonic* meeting of the Board of Directors of the Materials Innovation and Recycling Authority (MIRA) on *Wednesday, October 14, 2020 at 9:30 a.m.*

This meeting is being conducted pursuant to Governor Lamont's Executive Order No. 7B. MIRA offices are presently closed to the public due to the Corona Virus outbreak. Members of the public may attend the meeting telephonically by calling (929) 205-6099, entering meeting ID 896 4800 7466#, then entering the password 520903# when prompted.

The purpose of this meeting will be:

- I. Pledge of Allegiance
- II. Public Comment – A ½ hour public portion will be held and the Board will accept written testimony and allow individuals to speak for a limit of three minutes.
- III. Review and Approve - Minutes of the September 16, 2020 Regular Board Meeting (*Attachment 1*).
- IV. Presentation by Tom Hennick from the Connecticut Freedom of Information Commission.
- V. Presentation by Richard Altman from the Commercial Aviation Alternative Fuels Initiative.
- VI. Finance Committee Report
- VII. Policies and Procurement Committee
 - a. Board Action will be sought for a Resolution Regarding Roof Repairs to the CSWS Recycling Facility (*Attachment 2*).
- VIII. OS & HR Committee Report
- IX. Chairman's and President's Report
 - a. Attached Supplemental Information / Other Matters
- X. Executive Session to discuss pending litigation and pending RFP responses, potential lease of MIRA real estate, trade secrets, personnel matters, security matters, and feasibility estimates and evaluations.

Tab 1

MATERIALS INNOVATION AND RECYCLING AUTHORITY

FIVE HUNDRED AND TWENTY

September 16, 2020

A Regular Telephonic (Zoom) Board meeting of the Materials Innovation and Recycling Authority Board of Directors was held on Wednesday, September 16, 2020. This meeting is being conducted pursuant to Governor Lamont's Executive Order No. 7. MIRA offices are presently closed to the public due to the Corona Virus outbreak. Present via video or audio conferencing were:

Directors:

Chairman Don Stein
Vice-Chairman Dick Barlow
John Adams
Edward Bailey
Carl Fortuna, Jr.
Jim Hayden
Scott Shanley
Susan Weisselberg
Tom Swarr, CSWS Ad Hoc

Present from MIRA:

Tom Kirk, President
Mark Daley, Chief Financial Officer
Laurie Hunt, Director of Legal Services
Peter Egan, Director of Operations and Environmental Affairs

Chairman Stein called the meeting officially to order at 10:30 a.m. and said that a quorum was present.

PUBLIC PORTION

Chairman Stein said the agenda allowed for a public portion in which the Board would accept written testimony and allow individuals to speak for a limit of three minutes. As there were no members of the public who wished to address the Board, the meeting commenced.

APPROVAL OF THE AUGUST 12, 2020 REGULAR BOARD MEETING MINUTES

Chairman Stein requested a motion to approve the minutes of the August 12, 2020 Regular Board meeting. Director Hayden made the motion which was seconded by Director Bailey.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bailey, Director Hayden, Director Fortuna, Director Shanley, and Ad Hoc Swarr voted yes. Director Widlitz and Director Weisselberg abstained.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Edward Bailey	X		
Pat Widlitz			X
Jim Hayden	X		
Scott Shanley	X		
Carl Fortuna	X		
Susan Weisselberg			X
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

APPROVAL OF THE AUGUST 26, 2020 SPECIAL BOARD MEETING MINUTES

Chairman Stein requested a motion to approve the minutes of the August 26, 2020 Special Board meeting. Director Adams made the motion which was seconded by Director Hayden.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bailey, Director Hayden, Director Fortuna, Director Shanley, Director Weisselberg and Ad Hoc Swarr voted yes. Director Widlitz abstained.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Edward Bailey	X		
Pat Widlitz			X
Jim Hayden	X		
Scott Shanley	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

FINANCE COMMITTEE

REVIEW AND APPROVE RESOLUTION REGARDING ACCEPTING THE AUTHORITY's FISCAL YEAR 2020 ANNUAL FINANCIAL REPORT.

Chairman Stein requested a motion on the above referenced item. Director Shanley made the motion which was seconded by Director Hayden.

RESOLVED: That the Board of Directors hereby accepts the Fiscal Year 2020 Annual Financial Report as discussed and presented in this meeting.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bailey, Director Widlitz, Director Hayden, Director Fortuna, Director Shanley, and Director Weisselberg voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Edward Bailey	X		
Pat Widlitz	X		
Jim Hayden	X		
Scott Shanley	X		
Carl Fortuna	X		
Susan Weisselberg	X		

POLICIES AND PORCUREMENT COMMITTEE

REVIEW AND RECOMMEND RESOLUTION REGARDING THE PURCHASE OF JET FUEL FOR THE SOUTH MEADOWS JET TURBINE FACILITY.

Chairman Stein requested a motion on the above referenced item. Director Adams made the motion which was seconded by Director Bailey.

RESOLVED: That the President is hereby authorized to execute a purchase order with Dime Oil Company, LLC for the purchase of Ultra Low Sulfur No. 1 Diesel Fuel to support operation of the South Meadows Jet Turbine Facility, substantially as presented and discussed at this meeting.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bailey, Director Widlitz, Director Hayden, Director Fortuna, Director Shanley and Director Weisselberg voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Edward Bailey	X		
Pat Widlitz	X		
Jim Hayden	X		
Scott Shanley	X		
Carl Fortuna	X		
Susan Weisselberg	X		

REVIEW AND RECOMMEND RESOLUTION REGARDING THE PURCHASE OF A VEHICLE WEIGH SCALE FOR THE WASTE PROCESSING FACILITY.

Chairman Stein requested a motion on the above referenced item. Director Widlitz made the motion which was seconded by Director Adams.

RESOLVED: That the President is hereby authorized to execute an agreement with Mettler Toledo for the purchase of a new 60-foot vehicle scale for the Waste Processing Facility, substantially as presented and discussed at this meeting.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bailey, Director Widlitz, Director Hayden, Director Fortuna, Director Shanley, Director Weisselberg and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		

John Adams	X		
Edward Bailey	X		
Pat Widlitz	X		
Jim Hayden	X		
Scott Shanley	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

EXECUTIVE SESSION

Chairman Stein requested a motion to enter into Executive Session to discuss pending litigation in the matter of FCR,LLC v. MIRA. The motion was made by Director Bailey and seconded by Director Shanley. Chairman Stein requested that the following people remain for the Executive Session, in addition to the Board members:

Tom Kirk
Mark Daley
Peter Egan
Laurie Hunt

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Bailey, Director Widlitz, Director Fortuna, Director Shanley, Director Weisselberg and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Edward Bailey	X		
Pat Widlitz	X		
Scott Shanley	X		
Carl Fortuna	X		

Susan Weisselberg	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

The Executive Session commenced at 11:28 a.m.

Executive Session concluded and the meeting was adjourned at 11:47 a.m.

Respectfully Submitted,

Kanchan Arora
Consultant

Tab 2

RESOLUTION REGARDING RATIFICATION OF EMERGENCY PROCUREMENT CONTRACT

RESOLVED: That the MIRA Board of Directors ratifies the Emergency Procurement as substantially presented and discussed at this meeting.

Emergency Procurement Contracts

October 14, 2020

The following written evidence is being provided to the Board for ratification pursuant to Sections 2.2.12 and 5.10 of the MIRA Procurement Policy.

2.2.12 “Emergency Situation”

“Emergency Situation” shall mean a situation whereby purchases are needed to remedy a situation that creates a threat to public health, welfare, safety or critical governmental or MIRA service or function. The existence of such a situation creates an immediate and serious need that cannot be met through the normal procurement methods and the lack of which would seriously threaten: (i) the health or safety of any person; (ii) the preservation or protection of property; (iii) the imminent and serious threat to the environment; or (iv) the functioning of MIRA. Any such situation shall be documented with written evidence of said situation.

5.10 Emergency Procurements

In the event of an Emergency Situation as defined herein, the procedures for pre-approval of Contracts in these Policies and Procedures by the Board do not apply. When the President, Chairman, or designee determines that an Emergency Situation has occurred, the President, Chairman, or their designee is authorized to enter into a Contract under either a competitive or sole source basis, in such amount and of such duration as the President, Chairman, or their designee determines shall be necessary to eliminate the Emergency Situation. Such Emergency Situation contract(s), with written evidence of said Emergency Situation, shall be presented to the Board for ratification as soon as practicable following the execution of the Contract. The Board shall ratify such emergency Contract unless it is determined that under no circumstances would a reasonable person believe that an Emergency Situation existed.

Emergency Procurements

<u>Date</u>	<u>Description</u>	<u>Contract Value</u>	<u>Vendor</u>
9/3/2020	FY 2021 – Repairs to the roof at MIRA’s Recycling Facility that was damaged by a fire and by a wind storm.	\$90,676 (actual)	JV III Construction

Memorandum

To: Tom Kirk, President

From: Tom Gaffey, Director of Recycling & Enforcement



Date: September 3, 2020

Re: Repairs to MIRA Recycling Facility's Damaged Roof

During the night time hours of Saturday, August 29, 2020 or early morning hours of Sunday, August 30, 2020, or both, the roof at MIRA's Hartford recycling facility suffered serious wind damage that resulted in the following areas:

- A 20 foot x 50 foot section of roof blew back leaving a significant opening directly to the interior of the recycling facility directly over bale inventory storage and close to the commingled container baler;
- A large exhaust fan blew off of the high roof over Bay 1 of the tipping floor leaving an approximate 5 foot x 5 foot opening directly to that area. The wind blew that fan to a lower area of the roof over the FCR employee entrance area.

In addition, the fire that occurred during the early morning hours of July 7, 2020 damaged a 30 foot x 40 foot area of the roof that was temporarily tarped but is severely compromised and unsafe.

All of the aforementioned damaged areas of the roof meet the definition of an emergency Situation under MIRA's Procurement Policy and need to be repaired posthaste. The additional fact that the metal fasteners below the coating throughout the entire roof are severely rusted also compels immediate action on these compromised areas of the roof.

The Operation & Maintenance Agreement with FCR, LLC places the maintenance and repair obligations for the roof clearly on MIRA.

I have attached the cost estimates and scope of work to this memorandum.



J.V. III CONSTRUCTION, INC.

103 Dividend Rd.
Rocky Hill, CT 06067
(860) 721-0143 Fax: (860) 257-3490 Email: Exkavator@aol.com

TO: Republic Services
ATTN: Jim Millici

Date: 7-22-20
JOB:
Roof Repairs

~ Job Estimate ~

Scope of Work to Include:

- Demolish and dispose of burnt insulation and damaged steel decking materials aprox. 30' wide and 40' long. Materials to be disposed of off site.
- Supply and install new steel decking to match existing as close as possible, securing decking to new beams and existing as needed.
- Supply and install new EPDM rubber roof membrane with insulated foam board on top of new decking material. (Insulating from above will eliminate the possibility of insulation failure and deterioration from machine use inside the building).

Estimated Cost \$ 42,913.00

Estimated by John Vasel III
John Vasel III

J.V. III CONSTRUCTION, INC.

103 Dividend Rd.
Rocky Hill, CT 06067
(860) 721-0143 Fax: (860) 257-3490 Email: Exkavator@aol.com

TO: Republic Services
ATTN: Mr. Joe Milici

Date: 9-1-2020
JOB: Wind Damage Roof Repairs

~ Job Estimate ~

Scope of Work to Include:

We are pleased to provide you with the following:

- Demolish and dispose of metal roof decking damaged from wind.
- Supply and install new steel decking to match existing as close as possible, securing decking to existing metal frame structure, gluing seams as needed to create water tight seal.

Estimated Cost \$29,613.00

Add Alternate:

- Supply and install new EPDM rubber roof membrane with insulated foam board on top of new decking material. (Insulating from above will eliminate the possibility of insulation failure and deterioration from machine use inside the building).

Estimated Cost \$18,150.00

***Roof fan to be lowered down to ground level, fan vent hole to be covered by EPDM, installation of roof fan by others.**

Estimated by John Vasel III
John Vasel III



Materials Innovation and Recycling Authority
Regular Board of Directors Meeting
Supplemental Information
October 14, 2020

I. Finance

1. Informational Reports for the period ending August 31, 2020 (*Attachment A*).

CSWS Financials	CSWS Improvement Fund
CSWS Electricity	Property Division Financials
CSWS Solid Waste Summary	MIRA Cash Flow
CSWS Recycling Summaries	Authority Budget

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending August 31, 2020 (*Attachment B*).
2. An update is provided on waste deliveries to the CSWS project for the period ending August 31, 2020 (*Attachment C*).

III. Communications

1. Legal Expenditure Report FY 2021 (*Attachment D*).

TAB A



BOARD OF DIRECTORS FINANCIAL REPORT

PERIOD ENDING

August 31, 2020

CSWS Financials - This report reflects the budget versus actual financial performance of the CSWS for the current month and on a year to date basis. This is an accrual basis report in that revenues are recognized when earned and expenses are recognized when incurred.

As indicated in this report, operating revenues for August totaled \$4.71 million (27.5% below budget). Deficits were experienced in all categories of operating revenue other than bulky waste and miscellaneous revenue. Year to date operating revenue is 15.7% under budget. Total accrued expenditures for August were \$4.18 million (16.9% under budget). Year to date accrued expenditures are 14.4% under budget. Year to date the CSWS has generated operating income of \$2.07 million which is \$0.54 million under budget.

CSWS Electricity - This report reflects CSWS budget versus actual electricity production, revenue and price for the current month and year to date. Energy revenue reconciles to CSWS Financials. **Effective April 1, 2020 all energy hedge contracts expired as MIRA continues to monitor energy futures for appropriate opportunities.** All energy is presently sold in the wholesale energy market.

As indicated in this report, the CSWS total average energy price including hedged and wholesale prices was \$0.0227 per kwh in August which is \$0.0041 per kwh (15.4%) below budget. Year to date energy price is 17.0% under budget. The CSWS generated 20.05 million Kwh of energy in August which was 8.23 million Kwh (29.1%) below budget. The plant ran at full capacity for 1 out of 31 days. Overall boiler availability was 63.0%. Boiler 11 was off line for 359.17 hours (51.7% availability) for air heater hopper repairs and to accommodate 2 boiler operations due to depressed waste supply. Boiler 12 was off line for 264.11 hours (64.5% availability) due to waste supply and vibration issues. Boiler 13 was off line for 201.49 hours (72.9% availability) for auger bin and bottom ash transfer belt repairs and a cleaning. Turbine 5 was off line for 3 days due to a fire under the turbine. Turbine 6 was off line for 5 days due to single boiler operations. On a year to date basis, in comparison to this period of fiscal year 2020, energy price is down 30.8%, production is down 1.9% and revenue is down 32.2%.

CSWS Solid Waste Summary - This report reflects the budget versus actual MSW tons delivered, revenue and price per ton for member towns, other contracts, waste haulers and spot.

August deliveries totaled 42,398 tons which is 11,952 tons (22.0%) under budget. Member town deliveries were 4,874 tons (12.1%) under budget while non-participating deliveries were 7,078 tons (50.1%) below budget. Prices for waste hauler tons averaged \$93.00 per ton in August reflecting the FY 2021 adopted tip fees. Pricing for other contract waste averaged \$76.00 per ton. Price and delivery volume by contract type combine to produce total solid waste delivery revenue presently 18.6% under budget on a year to date basis.



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING August 31, 2020

CSWS Recycling Summary - This report reflects current month and year to date recyclable tons delivered to and exported from the CSWS recycling center including the rate per ton and corresponding revenue reconciled to CSWS financials. Deliveries and exports are stated in terms relevant to the contract operation of this facility.

Total recycling facility revenues were 41% under budget in August. FCR delivery revenue was 10.7% below budget due to shortfalls in FCR and CSWS - sourced single stream deliveries partially offset by surplus FCR paid residue. FCR export revenue was negative due to applied corrections in OCC pricing. Authority surcharges for delivery of non-participating recycling were 58% below budget in August, and 58% below budget year to date. Year to date total recycling facility revenues are 40% under budget. As indicated separately on the metal sales report, metal sales and excess residue revenue was 47% under budget in August due to depressed metals pricing and sales volume. The average per ton price in August was \$44.59 which is \$23.79 per ton (35%) under budget. Sales volume was 19% under budget consistent with depressed MSW deliveries.

Property Division Financials - This report reflects the budget versus actual financial performance of the Authority's Property Division for the current month and on a year to date basis. This is an accrual basis report in that revenues are recognized when earned and expenses are recognized when incurred irrespective of the timing of cash receipts or payments.

As indicated, revenue to the Property Division was 18.3% above budget in August due to surplus real time energy sales. Operating expenses were 32.9% below budget due to savings in jets operating charges. Total operating income is 38.0% above budget year to date.

MIRA Cash Flow - This "cash basis" report reflects the monthly flow of cash through the bank accounts and STIF reserve funds that represent all of the Authority's ongoing operations. The flow of funds is executed monthly in accordance with Board-approved criteria.

As indicated in this report, Property Division cash receipts for August were sufficient to distribute \$938,798 to the Tip Fee Stabilization Fund. Year to date distributions to the Tip Fee Stabilization Fund are \$2,350,930 in comparison to maximum authorized distributions of \$5,000,000. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF, Improvement and Major Maintenance funds causing a \$1,664,836 draw from the Tip Fee Stabilization Fund. After the distribution of August receipts, \$53,996,999 remained contingently due to the Tip Fee Stabilization Fund from CSWS.

CSWS Improvement & Major Maintenance Funds - These reports reflect budget versus actual funds advanced primarily to the operator of the Resource Recovery Facility for major maintenance and capital improvement projects approved monthly by the Authority. Actual costs initially reflect funds advanced which are subsequently adjusted when the project is completed. In August, the Authority advanced \$321,078 (net) from the Major Maintenance Fund to NAES for boiler 12 and bag house work which also reflected true-up of prior trommel, Boiler 11 and Boiler 12 projects.

Segmented Income Statements - This report reflects the revenues and expenses of each Authority project and division in the format ultimately to appear in its annual independent audit report. This includes a summary reconciliation to budget versus actual report formats.

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **August 31, 2020**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Member Towns	\$ 3,662,926	\$ 3,219,278	\$ (443,648)	-12%	\$ 7,042,287	\$ 6,548,261	\$ (494,026)	-7%
Other Contracts	\$ 455,913	\$ 336,897	\$ (119,016)	-26%	\$ 911,825	\$ 604,013	\$ (307,812)	-34%
Hauler - Direct	\$ 584,151	\$ 172,243	\$ (411,908)	-71%	\$ 1,123,073	\$ 334,887	\$ (788,186)	-70%
Hauler - TS	\$ 164,761	\$ 71,495	\$ (93,266)	-57%	\$ 316,764	\$ 160,567	\$ (156,197)	-49%
Spot Waste	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Bypass, Delivery & Other Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ 307,154	\$ 307,154	#DIV/0!
Member Service Fee	\$ 2,375	\$ 2,360	\$ (15)	-1%	\$ 4,594	\$ 4,889	\$ 295	6%
Metal Sales & Excess Residue	\$ 110,433	\$ 58,676	\$ (51,756)	-47%	\$ 220,548	\$ 111,177	\$ (109,371)	-50%
Bulky Waste	\$ 20,670	\$ 22,504	\$ 1,834	9%	\$ 41,903	\$ 41,131	\$ (772)	-2%
Recycling Facility	\$ 208,738	\$ 122,914	\$ (85,824)	-41%	\$ 405,301	\$ 241,750	\$ (163,551)	-40%
Electricity Sales	\$ 757,417	\$ 454,452	\$ (302,965)	-40%	\$ 1,499,998	\$ 951,716	\$ (548,282)	-37%
Other Energy Markets	\$ 527,025	\$ 240,730	\$ (286,295)	-54%	\$ 1,054,050	\$ 1,328,198	\$ 274,148	26%
Misc. (Interest, Fees, Other)	\$ 1,667	\$ 6,777	\$ 5,110	307%	\$ 3,334	\$ 7,685	\$ 4,351	131%
TOTAL ACCRUED REVENUES	\$ 6,496,076	\$ 4,708,326	\$ (1,787,750)	-27.5%	\$ 12,623,676	\$ 10,641,429	\$ (1,982,247)	-15.7%
EXPENDITURES								
Administrative Expenses	\$ 188,933	\$ 166,921	\$ 22,012	12%	\$ 377,866	\$ 331,983	\$ 45,883	12%
Operational & Contingent . Exp.	\$ 416,395	\$ 498,450	\$ (82,055)	-20%	\$ 833,490	\$ 1,009,172	\$ (175,682)	-21%
PILOTS & Fees	\$ 219,860	\$ 198,098	\$ 21,762	10%	\$ 448,205	\$ 412,183	\$ 36,022	8%
Waste Transport	\$ 1,224,296	\$ 870,314	\$ 353,982	29%	\$ 2,379,009	\$ 1,925,734	\$ 453,275	19%
Recycling Facility	\$ 79,837	\$ 67,143	\$ 12,694	16%	\$ 163,924	\$ 172,947	\$ (9,023)	-6%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 88,130	\$ 54,469	\$ 33,661	38%	\$ 230,935	\$ 167,182	\$ 63,753	28%
NAES Contract Operating Charges	\$ 2,447,496	\$ 2,135,048	\$ 312,448	13%	\$ 4,836,696	\$ 4,004,439	\$ 832,257	17%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
NAES On-Site Incentive Comp.	\$ 83,025	\$ (62,925)	\$ 145,950	176%	\$ 166,050	\$ 20,100	\$ 145,950	88%
NAES Management Fees	\$ 103,131	\$ 87,861	\$ 15,270	15%	\$ 206,262	\$ 174,101	\$ 32,161	16%
Transfer Station - Ellington	\$ 1,350	\$ 288	\$ 1,062	79%	\$ 6,000	\$ 4,826	\$ 1,174	20%
Transfer Station - Essex	\$ 65,539	\$ 61,601	\$ 3,938	6%	\$ 132,628	\$ 126,518	\$ 6,110	5%
Transfer Station - Torrington	\$ 49,908	\$ 46,312	\$ 3,596	7%	\$ 101,366	\$ 96,046	\$ 5,320	5%
Transfer Station - Watertown	\$ 65,181	\$ 58,399	\$ 6,782	10%	\$ 131,912	\$ 126,411	\$ 5,501	4%
TOTAL ACCRUED EXPENDITURES	\$ 5,033,081	\$ 4,181,979	\$ 851,102	16.9%	\$ 10,014,343	\$ 8,571,642	\$ 1,442,701	14.4%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 1,462,996	\$ 526,347	\$ (936,649)	-64%	\$ 2,609,333	\$ 2,069,787	\$ (539,546)	-21%
DISTRIBUTION OF CSWS OPERATING INCOME								
Debt Service Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Improvement Fund	\$ 300,000	\$ -	\$ (300,000)	n/a	\$ 600,000	\$ 300,000	\$ (300,000)	-50%
CSWS Major Maint. Fund	\$ 1,200,000	\$ 1,100,000	\$ (100,000)	-8%	\$ 2,400,000	\$ 2,300,000	\$ (100,000)	-4%
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 1,500,000	\$ 1,100,000	\$ (400,000)	-27%	\$ 3,000,000	\$ 2,600,000	\$ (400,000)	-13%
SURPLUS / (DEFICIT)	\$ (37,004)	\$ (573,653)	\$ (536,649)	1450%	\$ (390,667)	\$ (530,213)	\$ (139,546)	36%

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

[Narrative](#)

CSWS Electricity Production

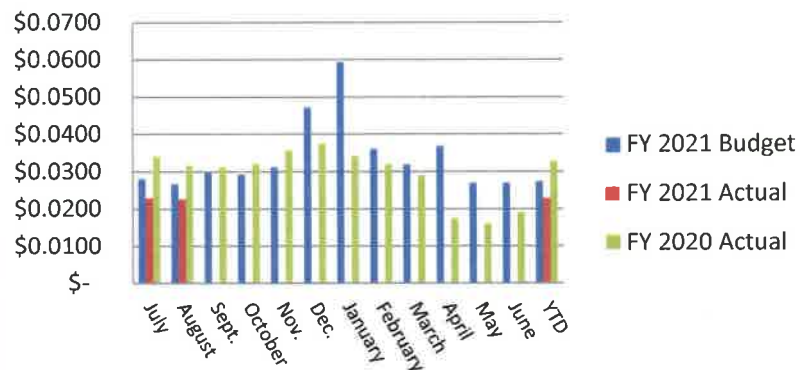
Period Ending:

August 31, 2020

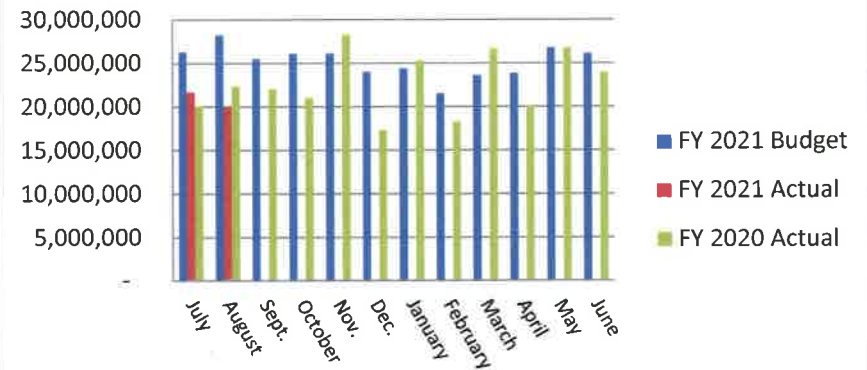
	Price			Production			Generation Revenue		
FY 2021	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0282	\$ 0.0229	\$ (0.0053)	26,332,645	21,684,510	(4,648,135)	\$ 742,581	\$ 497,263	\$ (245,318)
August	\$ 0.0268	\$ 0.0227	\$ (0.0041)	28,276,452	20,050,750	(8,225,702)	\$ 757,417	\$ 454,452	\$ (302,965)
Sept.	\$ 0.0299	\$ -	n/a	25,547,995		n/a	\$ 763,885		n/a
October	\$ 0.0293	\$ -	n/a	26,119,629		n/a	\$ 765,305		n/a
Nov.	\$ 0.0314	\$ -	n/a	26,186,242		n/a	\$ 822,248		n/a
Dec.	\$ 0.0474	\$ -	n/a	24,072,244		n/a	\$ 1,141,024		n/a
January	\$ 0.0594	\$ -	n/a	24,430,179		n/a	\$ 1,451,153		n/a
February	\$ 0.0362	\$ -	n/a	21,561,018		n/a	\$ 780,509		n/a
March	\$ 0.0321	\$ -	n/a	23,660,530		n/a	\$ 759,929		n/a
April	\$ 0.0370	\$ -	n/a	23,870,221		n/a	\$ 883,198		n/a
May	\$ 0.0271	\$ -	n/a	26,801,634		n/a	\$ 726,324		n/a
June	\$ 0.0271	\$ -	n/a	26,141,211		n/a	\$ 708,427		n/a
YTD	\$ 0.0275	\$ 0.0228	\$ (0.0047)	54,609,097	41,735,260	(12,873,837)	1,499,998	951,716	\$ (548,282)
YTD % Var.			-17.0%			-23.6%			-36.6%

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Price / KWh



Production (KWh)



Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

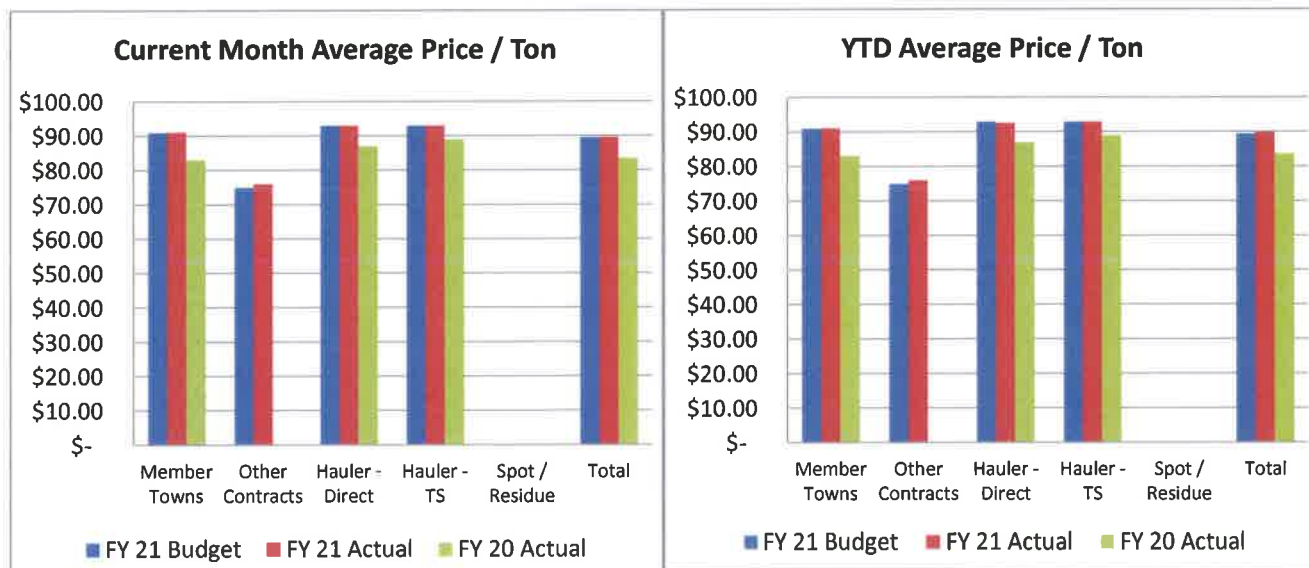
[Narrative](#)

CSWS Solid Waste Summary

Period Ending:

August 31, 2020

	Current Month			Year To Date		
FY 21 Budget	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	40,218	\$ 3,662,926	\$ 91.08	77,322	\$ 7,042,287	\$ 91.08
Other Contracts	6,079	\$ 455,913	\$ 75.00	12,158	\$ 911,825	\$ 75.00
Hauler - Direct	6,281	\$ 584,151	\$ 93.00	12,076	\$ 1,123,073	\$ 93.00
Hauler - TS	1,772	\$ 164,761	\$ 93.00	3,406	\$ 316,764	\$ 93.00
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	54,350	\$ 4,867,751	\$ 89.56	104,962	\$ 9,393,948	\$ 89.50
FY 21 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	35,344	\$ 3,219,278	\$ 91.08	71,891	\$ 6,548,261	\$ 91.09
Other Contracts	4,433	\$ 336,897	\$ 76.00	7,948	\$ 604,013	\$ 76.00
Hauler - Direct	1,852	\$ 172,243	\$ 93.00	3,617	\$ 334,887	\$ 92.59
Hauler - TS	769	\$ 71,495	\$ 93.00	1,727	\$ 160,567	\$ 93.00
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	42,398	\$ 3,799,913	\$ 89.63	85,182	\$ 7,647,728	\$ 89.78
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(4,874)	\$ (443,648)	\$ 0.01	(5,431)	\$ (494,026)	\$ 0.01
Other Contracts	(1,646)	\$ (119,016)	\$ 1.00	(4,210)	\$ (307,812)	\$ 1.00
Hauler - Direct	(4,429)	\$ (411,908)	\$ -	(8,459)	\$ (788,186)	\$ (0.41)
Hauler - TS	(1,003)	\$ (93,266)	\$ -	(1,680)	\$ (156,197)	\$ -
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	(11,952)	\$ (1,067,838)	\$ 0.06	(19,780)	\$ (1,746,220)	\$ 0.28
Total % Var.	-22.0%	-21.9%	0.1%	-18.8%	-18.6%	0.3%



CSWS Recycling Facility (Deliveries)

Period Ending:

August 31, 2020

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 106,990	\$ 95,523	\$ (11,467)	\$ 201,308	\$ 172,089	\$ (29,218)
FCR Export Revenue	\$ 1,560	\$ (14,662)	\$ (16,222)	\$ 3,082	\$ (14,668)	\$ (17,750)
Hauler - Direct Tip Fee	\$ 78,200	\$ 24,390	\$ (53,811)	\$ 155,480	\$ 35,716	\$ (119,764)
Hauler - TS Tip Fee	\$ 21,989	\$ 17,664	\$ (4,325)	\$ 45,432	\$ 48,613	\$ 3,181
MSA without Recycling	n/a	n/a	n/a	\$ -	\$ -	n/a
Total	\$ 208,738	\$ 122,914	\$ (85,824)	\$ 405,301	\$ 241,750	\$ (163,551)
Total % Var.			-41%			-40%

Current Month Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Delivery Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	-	\$ 8.50	\$ -	-	\$ 7.50	\$ -	\$ -
Residential Single	6,107.40	\$ 8.50	\$ 51,913	833	\$ 7.50	\$ 6,248	\$ 58,160
Commercial	4.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	537	\$ 91.00	\$ 48,829	\$ 48,829
Total	6,111.40	\$ 8.49	\$ 51,913	1,370	\$ 40.21	\$ 55,077	\$ 106,990
Current Month Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	5,104.47	\$ 8.50	\$ 43,388	-	n/a	\$ -	\$ 43,388
Commercial	36.45	\$ -	\$ -	-	n/a	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	573	\$ 91.00	\$ 52,135	\$ 52,135
Total	5,140.92	\$ 8.44	\$ 43,388	573	\$ 91.00	\$ 52,135	\$ 95,523
Current Month Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	(1,002.93)	-	(8,525)	(833)	n/a	(6,248)	\$ (14,772)
Commercial	32.45	-	-	-	n/a	-	\$ -
Total Paid Residue	n/a	n/a	n/a	36	-	3,305	\$ 3,305
Total	(970.48)	\$ (0.05)	\$ (8,525)	(797)	-	\$ (2,942)	\$ (11,467)

Year To Date Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	-	\$ 8.50	\$ -	-	\$ 7.50	\$ -	\$ -
Residential Single	12,355.20	\$ 8.50	\$ 105,019	1,666	\$ 7.50	\$ 12,495	\$ 117,514
Commercial	8.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	921	\$ 91.00	\$ 83,794	\$ 83,794
Total	12,363.20	\$ 8.49	105,019.20	2,587	\$ 37.22	\$ 96,289	\$ 201,308
Year To Date Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	10,886.31	\$ 8.50	\$ 92,534	-	n/a	\$ -	\$ 92,534
Commercial	39.52	\$ -	\$ -	-	n/a	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	874	\$ 91.00	\$ 79,556	\$ 79,556
Total	10,925.83	\$ 8.47	92,533.64	874	\$ 91.00	\$ 79,556	\$ 172,089
Year To Date Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	(1,468.89)	-	(12,486)	(1,666)	n/a	(12,495)	\$ (24,981)
Commercial	31.52	-	-	-	n/a	-	\$ -
Total Paid Residue	n/a	n/a	n/a	(47)	-	(4,238)	\$ (4,238)
Total	(1,437.37)	(0.03)	(12,485.57)	(1,713)	\$ 53.78	\$ (16,733)	\$ (29,218)

CSWS Recycling Facility (Exports)

Period Ending:

August 31, 2020

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 106,990	\$ 95,523	\$ (11,467)	\$ 201,308	\$ 172,089	\$ (29,218)
FCR Export Revenue	\$ 1,560	\$ (14,662)	\$ (16,222)	\$ 3,082	\$ (14,668)	\$ (17,750)
Hauler - Direct Tip Fee	\$ 78,200	\$ 24,390	\$ (53,811)	\$ 155,480	\$ 35,716	\$ (119,764)
Hauler - TS Tip Fee	\$ 21,989	\$ 17,664	\$ (4,325)	\$ 45,432	\$ 48,613	\$ 3,181
MSA without Recycling	n/a	n/a	n/a	\$ -	\$ -	n/a
Total	\$ 208,738	\$ 122,914	\$ (85,824)	\$ 405,301	\$ 241,750	\$ (163,551)
Total % Var.			-41%			-40%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	2,588.15	\$ -	\$ -	154	\$ -	\$ -	\$ -
Residential OCC	893.06	\$ -	\$ -	477	\$ -	\$ -	\$ -
Residential Containers	1,559.84	\$ 1.00	\$ 1,560	92	\$ -	\$ -	\$ 1,560
Commercial	4.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	5,045.05	\$ 0.31	\$ 1,560	723	\$ -	\$ -	\$ 1,560
Current Month Actual							
Residential ONP	1,870.21	\$ -	\$ -	-	n/a	\$ -	\$ -
Residential OCC	(381.48)	\$ 62.13	\$ (23,700)	-	n/a	\$ -	\$ (23,700)
Residential Containers	1,609.08	\$ 6.11	\$ 9,831	-	n/a	\$ -	\$ 9,831
Commercial	36.45	\$ (21.77)	\$ (793)	-	n/a	\$ -	\$ (793)
Total	3,134.26	\$ (4.68)	\$ (14,662)	-	n/a	\$ -	\$ (14,662)
Current Month Variance							
Residential ONP	(717.94)	\$ -	\$ -	(154)	n/a	\$ -	\$ -
Residential OCC	(1,274.54)	\$ 62.13	\$ (23,700)	(477)	n/a	\$ -	\$ (23,700)
Residential Containers	49.24	\$ 5.11	\$ 8,271	(92)	n/a	\$ -	\$ 8,271
Commercial	32.45	\$ (21.77)	\$ (793)	-	n/a	\$ -	\$ (793)
Total	(1,910.79)	\$ (4.99)	\$ (16,222)	(723)	n/a	\$ -	\$ (16,222)

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	5,207.48	\$ -	\$ -	308	\$ -	\$ -	\$ -
Residential OCC	1,849.91	\$ -	\$ -	954	\$ -	\$ -	\$ -
Residential Containers	3,081.64	\$ 1.00	\$ 3,082	184	\$ -	\$ -	\$ 3,082
Commercial	8.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	10,147.03	\$ 0.30	\$ 3,082	1,446	\$ -	\$ -	\$ 3,082
Year To Date Actual							
Residential ONP	3,086.25	\$ -	\$ -	-	n/a	\$ -	\$ -
Residential OCC	40.00	\$ (592.44)	\$ (23,700)	-	n/a	\$ -	\$ (23,700)
Residential Containers	2,270.26	\$ 4.33	\$ 9,831	-	n/a	\$ -	\$ 9,831
Commercial	39.52	\$ (20.23)	\$ (800)	-	n/a	\$ -	\$ (800)
Total	5,436.03	\$ (2.70)	\$ (14,668)	-	n/a	\$ -	\$ (14,668)
Year To Date Variance							
Residential ONP	(2,121.23)	\$ -	\$ -	(308)	n/a	\$ -	\$ -
Residential OCC	(1,809.90)	\$ (592.44)	\$ (23,700)	(954)	n/a	\$ -	\$ (23,700)
Residential Containers	(811.38)	\$ 3.33	\$ 6,749	(184)	n/a	\$ -	\$ 6,749
Commercial	31.52	\$ (20.23)	\$ (800)	-	n/a	\$ -	\$ (800)
Total	(4,711.00)	\$ (3.00)	\$ (17,750)	(1,446)	n/a	\$ -	\$ (17,750)

Period Ending: **August 31, 2020**

Metal Sales

FY 2021	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,555.00	106,325.00	\$ 68.38	1,392.64	\$ 48,077	\$ 34.52	(162.36)	\$ (58,248)	\$ (33.85)
August	1,555.00	106,325.00	\$ 68.38	1,254.57	\$ 55,938	\$ 44.59	(300.43)	\$ (50,387)	\$ (23.79)
September	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
October	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
November	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
December	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
January	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
February	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
March	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
April	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
May	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
June	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
YTD	3,110.00	\$ 212,650	\$ 68.38	2,647.21	\$ 104,015	\$ 39.29	(462.79)	\$ (108,635)	\$ (29.08)

Excess Ferrous Residue

FY 2021	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	94.75	\$ 3,790	\$ 40.00	110.59	\$ 4,424	\$ 40.00	15.84	633.78	\$ -
August	102.70	\$ 4,108	\$ 40.00	68.46	\$ 2,738	\$ 40.00	(34.24)	(1,369.48)	\$ -
September	91.53	\$ 3,661	\$ 40.00			n/a			
October	93.92	\$ 3,757	\$ 40.00			n/a			
November	94.16	\$ 3,766	\$ 40.00			n/a			
December	85.51	\$ 3,420	\$ 40.00			n/a			
January	86.99	\$ 3,479	\$ 40.00			n/a			
February	75.24	\$ 3,010	\$ 40.00			n/a			
March	83.85	\$ 3,354	\$ 40.00			n/a			
April	84.72	\$ 3,389	\$ 40.00			n/a			
May	96.66	\$ 3,866	\$ 40.00			n/a			
June	93.57	\$ 3,743	\$ 40.00			n/a			
YTD	197.44	\$ 7,898	\$ 40.00	179.05	\$ 7,162	\$ 40.00	(18.39)	\$ (736)	\$ -

Total Metal Sales and Excess Residue

FY 2021	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,649.75	110,115	\$ 66.75	1,503.23	52,500.62	\$ 34.93	(146.52)	(57,614.20)	(31.82)
August	1,657.70	110,433	\$ 66.62	1,323.03	58,676.40	\$ 44.35	(334.67)	(51,756.48)	(22.27)
September	1,646.53	109,986	\$ 66.80	-	-	n/a			
October	1,648.92	110,082	\$ 66.76	-	-	n/a			
November	1,649.16	110,091	\$ 66.76	-	-	n/a			
December	1,640.51	109,745	\$ 66.90	-	-	n/a			
January	1,641.99	109,804	\$ 66.87	-	-	n/a			
February	1,630.24	109,335	\$ 67.07	-	-	n/a			
March	1,638.85	109,679	\$ 66.92	-	-	n/a			
April	1,639.72	109,714	\$ 66.91	-	-	n/a			
May	1,651.66	110,191	\$ 66.72	-	-	n/a			
June	1,648.57	110,068	\$ 66.77	-	-	n/a			
YTD	3,307.44	\$ 220,548	\$ 66.68	2,826.26	\$ 111,177	\$ 39.34	(481.18)	\$ (109,371)	(27.35)

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **August 31, 2020**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Jets Electric:								
Capacity Payments	\$ 786,843	\$ 786,567	\$ (276)	0.0%	\$ 1,573,686	\$ 1,573,134	\$ (552)	0.0%
VARs Payments	\$ 3,259	\$ 2,989	\$ (270)	-8.3%	\$ 6,518	\$ 6,077	\$ (441)	-6.8%
Reserve Credits	\$ 50,000	\$ 66,665	\$ 16,665	33.3%	\$ 100,000	\$ 142,398	\$ 42,398	42.4%
Real Time Energy	\$ 16,667	\$ 164,431	\$ 147,764	886.6%	\$ 33,334	\$ 317,245	\$ 283,911	851.7%
Total Jets Electric	\$ 856,769	\$ 1,020,652	\$ 163,883	19.1%	\$ 1,713,538	\$ 2,038,854	\$ 325,316	19.0%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 1,664	\$ -	0.0%	\$ 3,328	\$ 3,328	\$ -	0.0%
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ -	0.0%	\$ 76,158	\$ 76,158	\$ -	0.0%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,350	\$ 45,350	\$ -	0.0%
Total Lease Income	\$ 39,743	\$ 39,743	\$ -	0.0%	\$ 124,836	\$ 124,836	\$ -	0.0%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL ACCRUED REVENUES	\$ 896,512	\$ 1,060,395	\$ 163,883	18.3%	\$ 1,838,374	\$ 2,163,690	\$ 325,316	17.7%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 22,847	\$ 57,143	\$ (34,296)	-150.1%	\$ 45,694	\$ 115,157	\$ (69,463)	-152.0%
MIRA Allocated Costs	\$ 63,762	\$ 57,539	\$ 6,223	9.8%	\$ 127,524	\$ 114,522	\$ 13,002	10.2%
Railroad Maintenance	\$ -	\$ -	\$ -	n/a	\$ 10,500	\$ 10,050	\$ 450	4.3%
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
1410 Honey Spot Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
171 Murphy Road	\$ 2,252	\$ 707	\$ 1,545	68.6%	\$ 4,504	\$ 1,627	\$ 2,877	63.9%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 167,679	\$ 56,768	\$ 110,911	66.1%	\$ 367,358	\$ 152,279	\$ 215,079	58.5%
TOTAL ACCRUED EXPENDITURES	\$ 256,540	\$ 172,157	\$ 84,383	32.9%	\$ 555,580	\$ 393,635	\$ 161,945	29.1%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 639,972	\$ 888,238	\$ 248,266	38.8%	\$ 1,282,794	\$ 1,770,055	\$ 487,261	38.0%
DISTRIBUTION OF PD OPERATING INCOME								
General Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Major Maintenance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
SURPLUS / (DEFICIT)								
	\$ 639,972	\$ 888,238	\$ 248,266	38.8%	\$ 1,282,794	\$ 1,770,055	\$ 487,261	38.0%

Property Division and CSWS Flow of Funds

Period Ending: August 31, 2020
Transfer Date: September 3, 2020
Funding: October 2020

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 1,195,036.93		\$ 1,195,036.93	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund	\$ 1,867,780.21	\$ 301.27	\$ 162,599.83		\$ 256,238.73	\$ 1,961,720.38
PD General Fund	\$ 14,982,677.56	\$ 1,431.90				\$ 14,984,109.46
PD Improvement Fund	\$ 259,015.05			\$ 500.00		\$ 259,515.05
Jets Major Maintenance	\$ 1,153,000.00					\$ 1,153,000.00
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 938,798.20	Combined Below
Total	\$ 18,262,472.82	\$ 1,733.17	\$ 162,599.83	\$ 500.00	\$ 1,195,036.93	\$ 18,358,344.89
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 5,617,985.18		\$ 5,617,985.18	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF	\$ 632,966.33	\$ 127.02	\$ 3,028,649.51		\$ 6,142,820.98	\$ 3,747,264.82
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
General Fund	\$ 1,100.60	\$ 0.05				\$ 1,100.65
CSWS Risk Fund	\$ 896,415.72	\$ 85.68				\$ 896,501.40
CSWS Legal Fund	\$ 638,578.43	\$ 61.04				\$ 638,639.47
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below				\$ 40,000.00	Combined Below
CSWS Major Maintenance	Combined Below			\$ 11,999.03	\$ 1,100,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (1,664,835.80)	Combined Below
Total	\$ 2,172,936.09	\$ 273.79	\$ 3,028,649.51	\$ 11,999.03	\$ 5,617,985.18	\$ 5,287,381.35
Combined						
Severance Fund	\$ 2,579,682.22	\$ 246.53			\$ -	\$ 2,579,928.75
CSWS Improvement Fund	\$ 465,242.79			\$ -	\$ 40,000.00	\$ 505,242.79
CSWS Major Maintenance	\$ 3,304,888.60	\$ 278.97		\$ 11,999.03	\$ 1,100,000.00	\$ 4,417,166.60
CSWS Tip Fee Stabilization	\$ 1,592,361.27	\$ 135.54		\$ -	\$ (726,037.60)	\$ 866,459.21
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 1,170,808.36		\$ 176,475.86	\$ 220,789.00		\$ 1,126,495.22
Hartford Solar Reserve	\$ 334,679.90	\$ 32.00				\$ 334,711.90
Pollution Insurance Reserve	\$ -					\$ -
Landfill Operating Account	\$ 1,952,910.15		\$ 36,360.00	\$ 9,840.46		\$ 1,979,429.69

Mark T. Daley, Chief Financial Officer

Ending balances include the fund transfers represented on this flow of funds as a distribution. Excludes receipt of customer security deposits / guarantees of payment and Mid-Connecticut reserves not subject to disbursement or funding in accordance with adopted flow of funds. YTD the CSWS Operating Fund has been short funded by \$2,686,241.58 due to a shortfall from cash receipts and a lack of unencumbered funds in the CSWS Tip Fee Stabilization reserve. The quarterly capital and major maintenance account tune-up with NAEs was completed which produced distributions of \$500 to the PD Improvement Fund and \$11,999.03 to the CSWS Major Maintenance accounts. At the beginning of January 2020, CSWS received \$5,274,624.92 in prepaid tip fees from waste haulers. This revenue flowed to the CSWS Operating STIF account and was used to reimburse the Tip Fee Stabilization Fund. As of August 30, 2020, \$5,274,624.92 in prepaid tip fees have been applied to pay customer invoices and \$0 remained available on customer accounts. After the distribution of August receipts, \$53,996,998.62 remained due to the Tip Fee Stabilization Fund from CSWS. YTD \$2,350,930.17 has been contributed to the CSWS Tip Fee Stabilization reserve.

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report
CSWS Improvement Fund Status

Narrative

Period Ending: 08/31/20

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ 600,000	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ 600,000
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ 600,000	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ 600,000
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auxiliary Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS IMPROVEMENT FUND	\$ 600,000	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ 600,000

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report
CSWS Major Maintenance Fund Status

Narrative

Period Ending: 08/31/20

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ (1,180)	\$ 1,180	\$ -	\$ (1,180)	\$ 1,180
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ (1,180)	\$ 1,180	\$ 140,000	\$ (1,180)	\$ 141,180
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ (13,609)	\$ 13,609	\$ 520,000	\$ 399,791	\$ 120,209
Boiler 12	\$ -	\$ 178,915	\$ (178,915)	\$ -	\$ 178,915	\$ (178,915)
Boiler 13	\$ -	\$ (2,819)	\$ 2,819	\$ -	\$ (2,819)	\$ 2,819
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ 245,000	\$ 155,824	\$ 89,176	\$ 320,000	\$ 155,824	\$ 164,176
Auxiliary Systems	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	\$ -	\$ 65,000
Building Repairs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Roof Repairs	\$ 150,000	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ 150,000
Site Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ 30,000	\$ 20,000
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ 50,000	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ 50,000
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ 510,000	\$ 318,310	\$ 191,690	\$ 1,255,000	\$ 761,710	\$ 493,290
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ 3,948	\$ (3,948)	\$ -	\$ 91,295	\$ (91,295)
Total Transfer Stations	\$ -	\$ 3,948	\$ (3,948)	\$ -	\$ 91,295	\$ (91,295)
TOTAL CSWS MAJOR MAINTENANCE FUND	\$ 510,000	\$ 321,078	\$ 188,922	\$ 1,395,000	\$ 851,825	\$ 543,175

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

DRAFT

Segmented Income Statement

Period Ending: August 31, 2020

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges:								
Members	\$ -	\$ 6,548	\$ -	\$ -	\$ -			\$ 6,548
Others	-	1,419	-	-	-			1,419
Energy sales	-	2,280	-	-	2,039	-		4,319
Other operating revenues	-	395	-	-	125	-		520
Total Operating Revenues	-	10,642	-	-	2,164	-	-	12,806
Operating Expenses								
Solid waste operations	-	7,739	-	-	253	103	(85)	8,010
Maintenance and utilities	-	970	-	-	18	-		988
Legal services - external	-	172	-	-	1	-		173
Administrative and Operational services	-	543	-	-	112	9		664
Total Operating Expenses	-	9,424	-	-	384	112	(85)	9,835
Operating Income (Loss) before Depreciation and Amortization	-	1,218	-	-	1,780	(112)	85	2,971
Depreciation and amortization	-	-	-	-	-	-	0	-
Operating Income (Loss)	-	1,218	-	-	1,780	(112)	85	2,971
Non-Operating Revenues (Expenses)								
Investment income	-	-	-	-	-	-	-	-
Settlement income (expenses)	-	-	-	-	-	-	-	-
Other income (expenses)	-	-	-	-	-	-	-	-
Distribution to SCRRRA	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses), net	-	-	-	-	-	-	-	-
Income (Loss) before Transfers	-	1,218	-	-	1,780	(112)	85	2,971
Transfers in (out)	100	-	-	-	(100)	-	(85)	(85)
Change in Net Position	100	1,218	-	-	1,680	(112)	-	2,886
Total Net Position, beginning of period	3,375	(4,319)	23	-	67,687	20,752	-	87,518
Total Net Position, end of period	\$ 3,475	\$ (3,101)	\$ 23	\$ -	\$ 69,367	\$ 20,640	\$ -	\$ 90,404
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves	-	852	19	-	(10)	-		861
Add: Amortization	-	-	-	-	-	-		-
less: GAAP Exp (Deferred for Budget)	-	-	-	-	-	-		-
add: Spare parts and fuel inventory adjustment	-	-	-	-	-	-		-
add: Capitalized expenses net of asset disposals	-	-	-	-	-	-		-
add: Settlement Income	-	-	-	-	-	-		-
Operating Income (Loss) per Variance report	n/a	2,070	n/a	n/a	1,770	n/a	n/a	3,840

ties with CSWS financials tab

ties with PD financials tab

Note: Monthly variance report produced for General fund, Property Division and CSWS only.

Note: Eliminations and depreciation are preliminary amounts.

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending August 31, 2020

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
Authority Budget								
Personnel Services (a)	\$ 196,547	\$ 176,901	\$ 19,646	10.00%	\$ 388,135	\$ 331,138	\$ 56,997	14.68%
Non-Personnel Services (b)	\$ 53,183	\$ 43,888	\$ 9,295	17.48%	\$ 106,366	\$ 107,981	\$ (1,615)	-1.52%
Total Authority Budget	\$ 249,730	\$ 220,789	\$ 28,941	11.59%	\$ 494,501	\$ 439,119	\$ 55,382	11.20%
LESS: STIF Interest Income	\$ -	\$ -	\$ -	100.00%	\$ -	\$ -	\$ -	100.00%
TOTAL AUTHORITY BUDGET ALLOCATED	\$ 249,730	\$ 220,789	\$ 28,941	11.59%	\$ 494,501	\$ 439,119	\$ 55,382	11.20%
Authority Budget Allocation								
Landfill Division (2.515%)	\$ 6,285	\$ 5,553	\$ 732	11.65%	\$ 12,570	\$ 11,044	\$ 1,526	12.14%
Property Division (21.883%)	\$ 54,511	\$ 48,315	\$ 6,196	11.37%	\$ 109,022	\$ 96,092	\$ 12,930	11.86%
CSWS Division (75.602%)	\$ 188,934	\$ 166,921	\$ 22,013	11.65%	\$ 377,868	\$ 331,982	\$ 45,886	12.14%
TOTAL AUTHORITY BUDGET ALLOCATED	\$ 249,730	\$ 220,789	\$ 28,941	11.59%	\$ 499,460	\$ 439,119	\$ 60,341	12.08%
MIRA Direct Personnel								
Landfill Division	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Property Division	\$ 9,251	\$ 9,224	\$ 27	0.29%	\$ 18,502	\$ 18,430	\$ 72	0.39%
CSWS Division	\$ 124,247	\$ 124,600	\$ (353)	-0.28%	\$ 248,494	\$ 249,597	\$ (1,103)	-0.44%
TOTAL MIRA DIRECT	\$ 133,498	\$ 133,823	\$ (325)	-0.24%	\$ 266,996	\$ 268,028	\$ (1,032)	-0.39%
Total Allocation								
Landfill Division (1.807%)	\$ 6,285	\$ 5,553	\$ 732	11.65%	\$ 12,570	\$ 11,044	\$ 1,526	12.14%
Property Division (15.617%)	\$ 63,762	\$ 57,539	\$ 6,223	9.76%	\$ 127,524	\$ 114,522	\$ 13,002	10.20%
CSWS Division (82.576%)	\$ 313,181	\$ 291,520	\$ 21,661	6.92%	\$ 626,362	\$ 581,580	\$ 44,782	7.15%
TOTAL AUTHORITY & MIRA DIRECT	\$ 383,228	\$ 354,612	\$ 28,616	7.47%	\$ 766,456	\$ 707,146	\$ 59,310	7.74%
TOTAL RESOURCE REDISCOVERY *	\$ -	\$ 3,806	\$ (3,806)	100.00%	\$ -	\$ 7,690	\$ (7,690)	100.00%
BALANCE	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	

YTD VARIANCE EXPLANATION

- (a) Favorable due to lower than budgeted direct and indirect labor & benefits allocation related to the following:
- restructuring of positions and an employee who is on medical leave and receiving disability compensation;
 - reversal of accrued FY20 Payroll of approximately \$23k; and
 - timing of Broker payments related to health and 401K benefits.
- (b) Unfavorable primarily due to the insurance premium downpayment, partially offset by timing of legal fees, consulting services, computer hardware/software, and IT maintenance.

* Reflects legal fees

TAB B

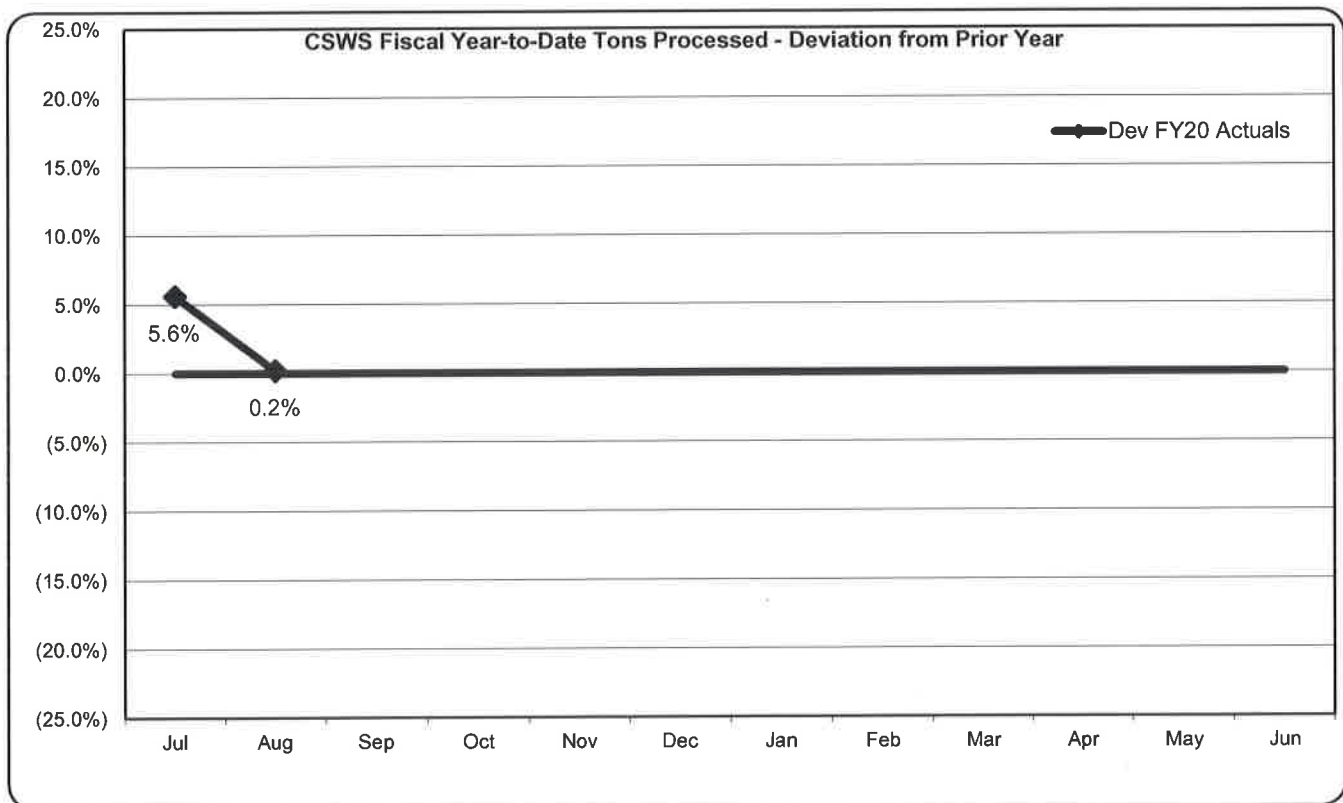
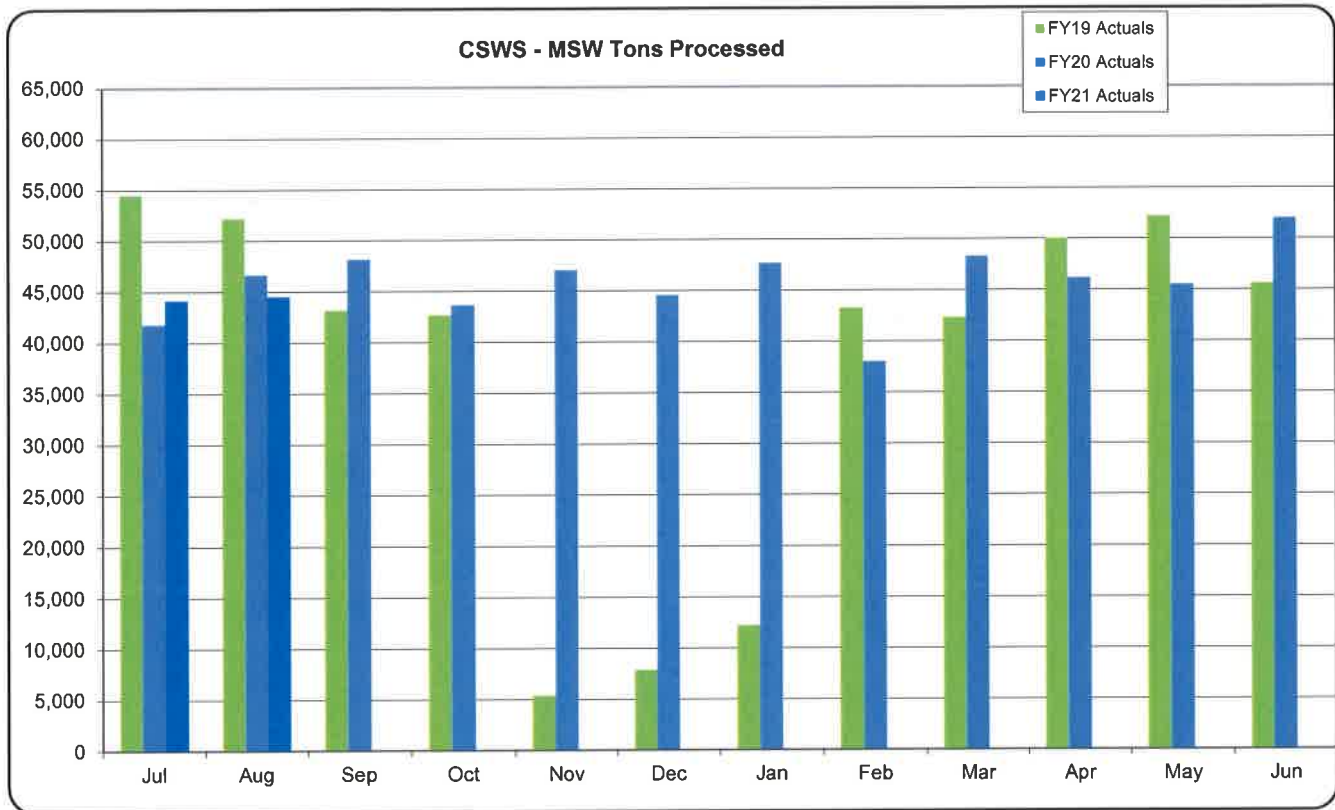
MATERIALS INNOVATION AND RECYCLING AUTHORITY

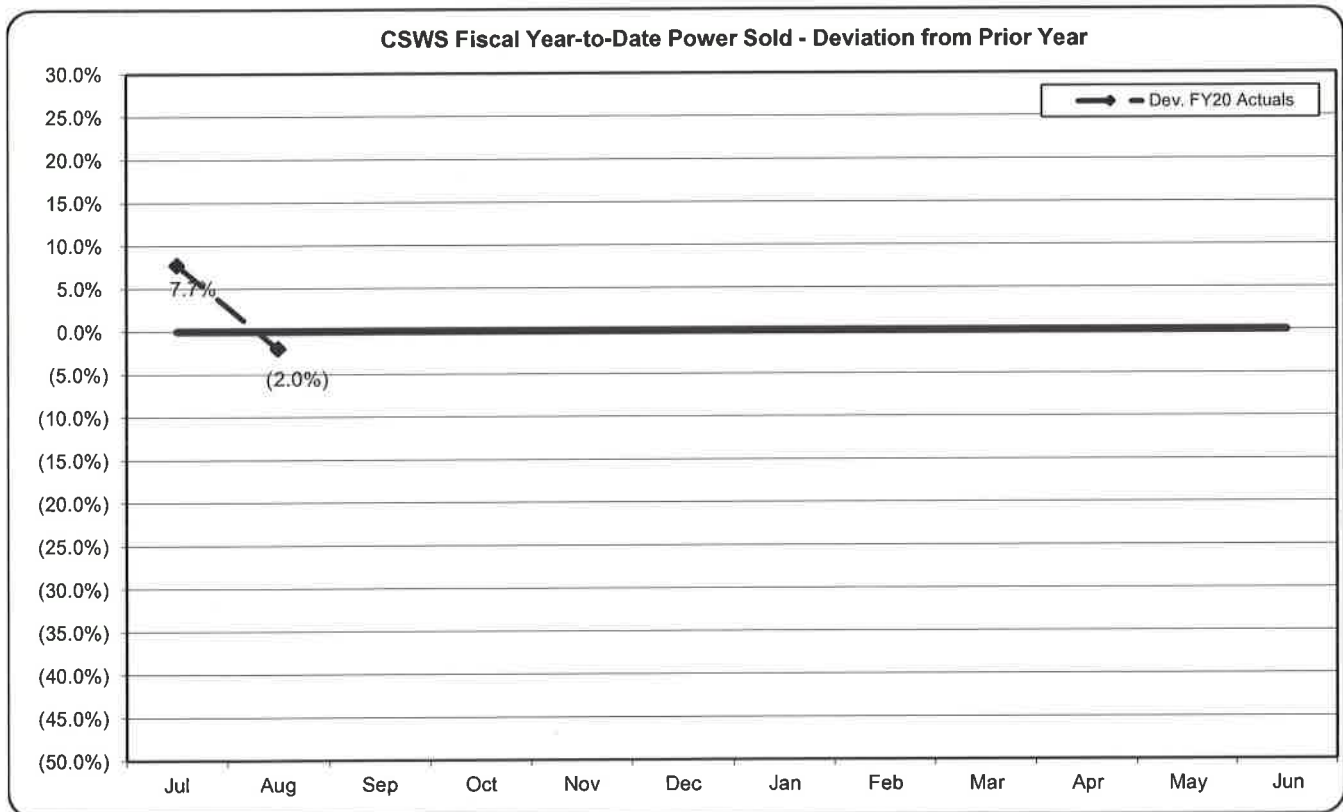
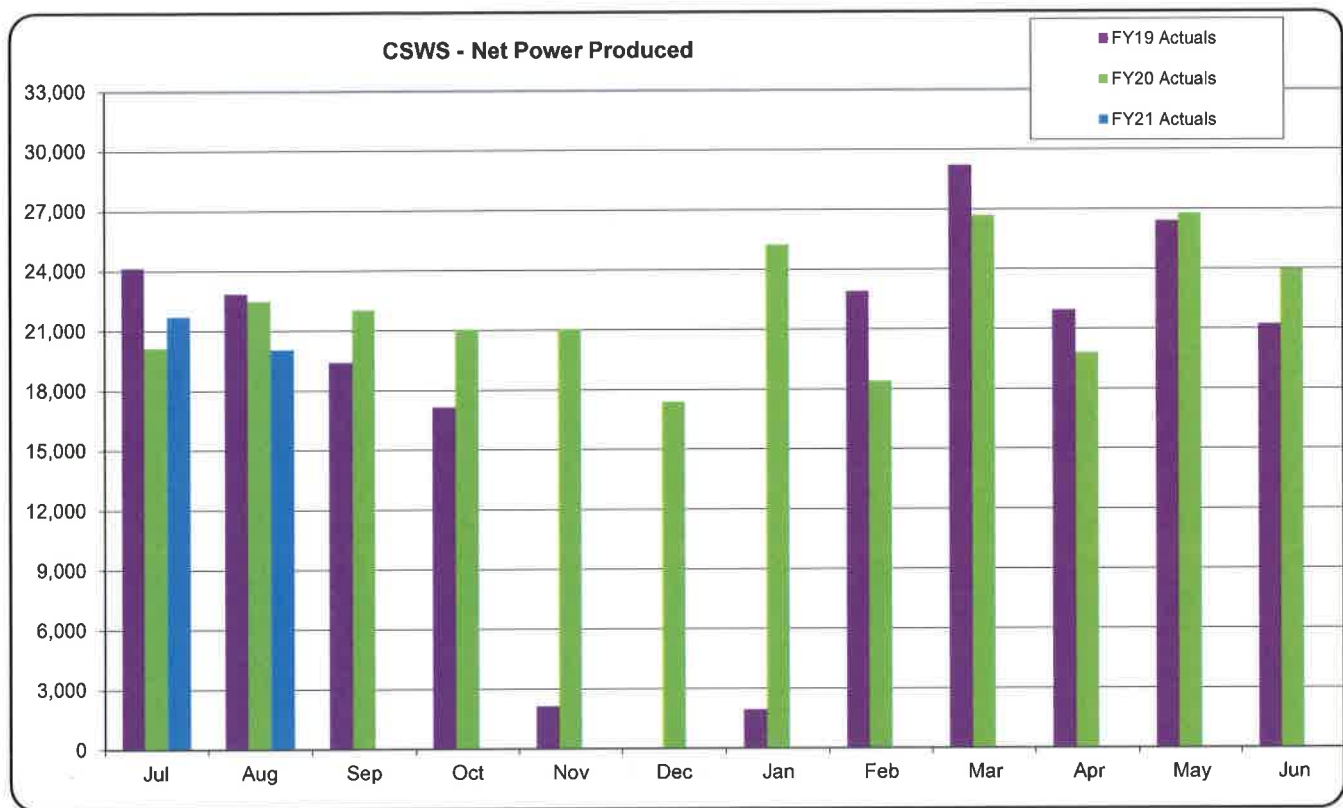
Monthly Operational Summary

August-20

This report provides information on the operations of the CSWS waste-to-energy plant along with the South Meadows Jets. The following table provides a summary of key operating parameters.

Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Change	2020	2021	Change	Aug 19	Aug 20	Change
CSWS									
Tons MSW Processed	451,568	549,717	21.7%	88,514	88,674	0.2%	46,708	44,525	(4.7%)
Steam (klbs)	2,566,195	3,264,837	27.2%	535,775	559,092	4.4%	284,222	275,161	(3.2%)
(% MCR)	42.3%	53.8%		52.0%	54.2%		55.1%	53.4%	
Power (Net MWh)	209,352	272,358	30.1%	42,618	41,754	(2.0%)	22,476	20,052	(10.8%)
South Meadow Jets									
Net MWh	1,932	1,616	(16.4%)	266	865	224.8%	62	389	100.0%





CSWS Waste to Energy Plant Monthly Operational Summary

Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Aug 20	39%	55%	66%

Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/07/20	07/08/20	11	42.10	Two Boiler Operation/O.S. Shaft Bent
08/07/20	08/10/20	11	96.00	Air Heater Wash/Hopper Cleanout
08/11/20	08/12/20	11	48.00	Black Plant from TG#5 Insulation Fire Under the Front Standard
08/13/20	08/19/20	11	145.30	Air Heater Leak Checks
08/29/20	08/31/20	11	69.90	Low MSW Inventory/Pre Work for Major Outage
07/01/20	07/07/20	12	149.00	Tube Leak & ID Fan Motor Rebalanced
07/14/20	07/17/20	12	93.00	RDF Distribution Spout O-S/ Gen. Bank Tube Leaks
07/22/20	07/25/20	12	88.00	Gen. Bank Tube Leaks
08/11/20	08/12/20	12	24.10	Black Plant from TG#5 Insulation Fire Under the Front Standard
07/23/20	07/24/20	13	26.00	RDF Feed Repairs
08/05/20	08/05/20	13	0.20	Low MSW Inventory
08/11/20	08/13/20	13	39.90	Black Plant from TG#5 Insulation Fire Under the Front Standard
08/19/20	08/20/20	13	37.00	Replacement of Ash Transfer Bolt

Scheduled Downtime

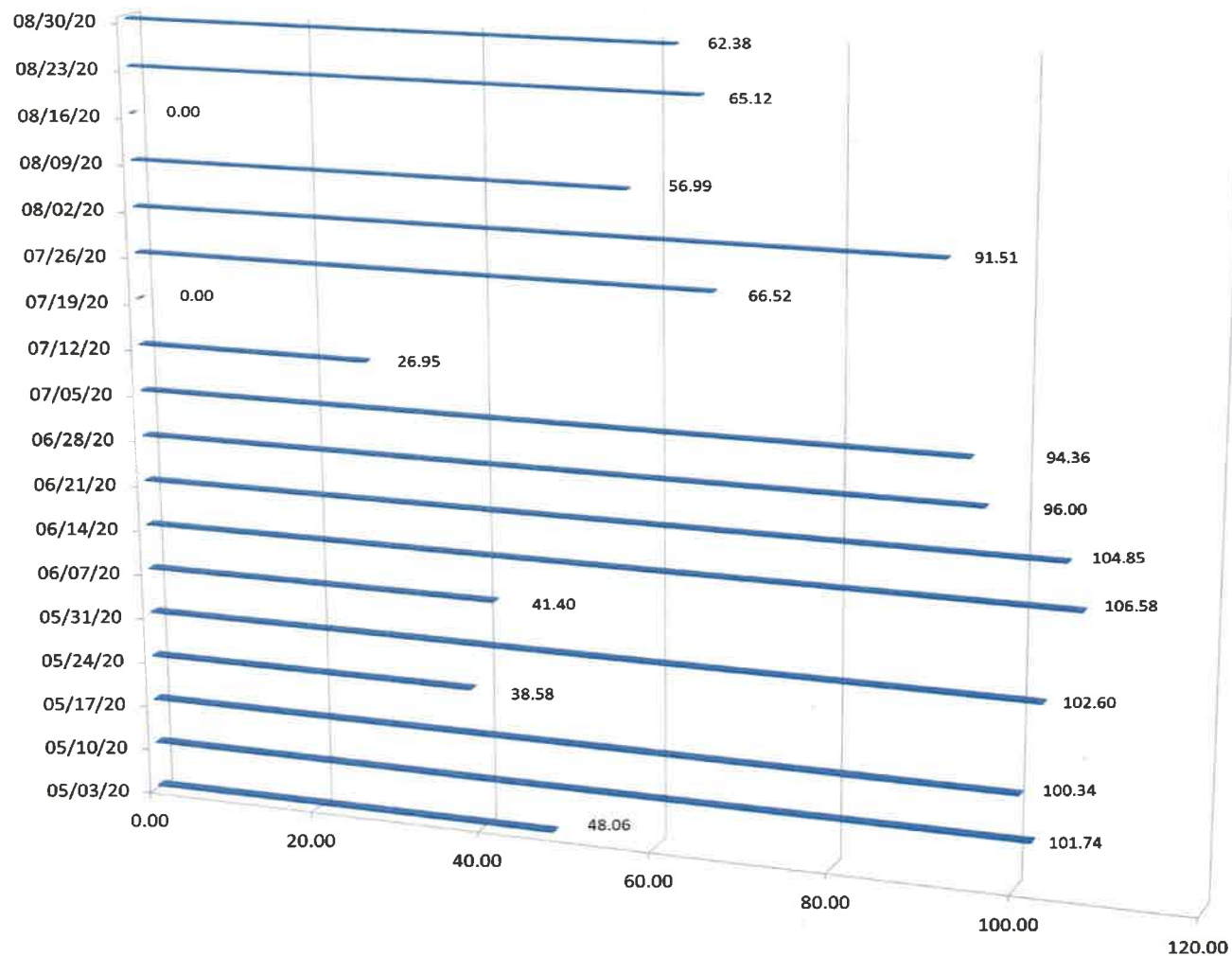
07/09/20	07/22/20	11	317.80	Scheduled Cleaning Outage
07/26/20	07/31/20	12	144.00	Scheduled Cleaning Outage/Gen. Bank Tube Leak Repair
08/01/20	08/10/20	12	240.00	Scheduled Cleaning Outage/Low MSW Inventories
08/22/20	08/22/20	13	3.40	Manually Tripped Off- Line during TG#5 Low Hydraulic Pressure
08/24/20	08/29/20	13	120.90	Scheduled Cleaning Outage

SOUTH MEADOWS JETS

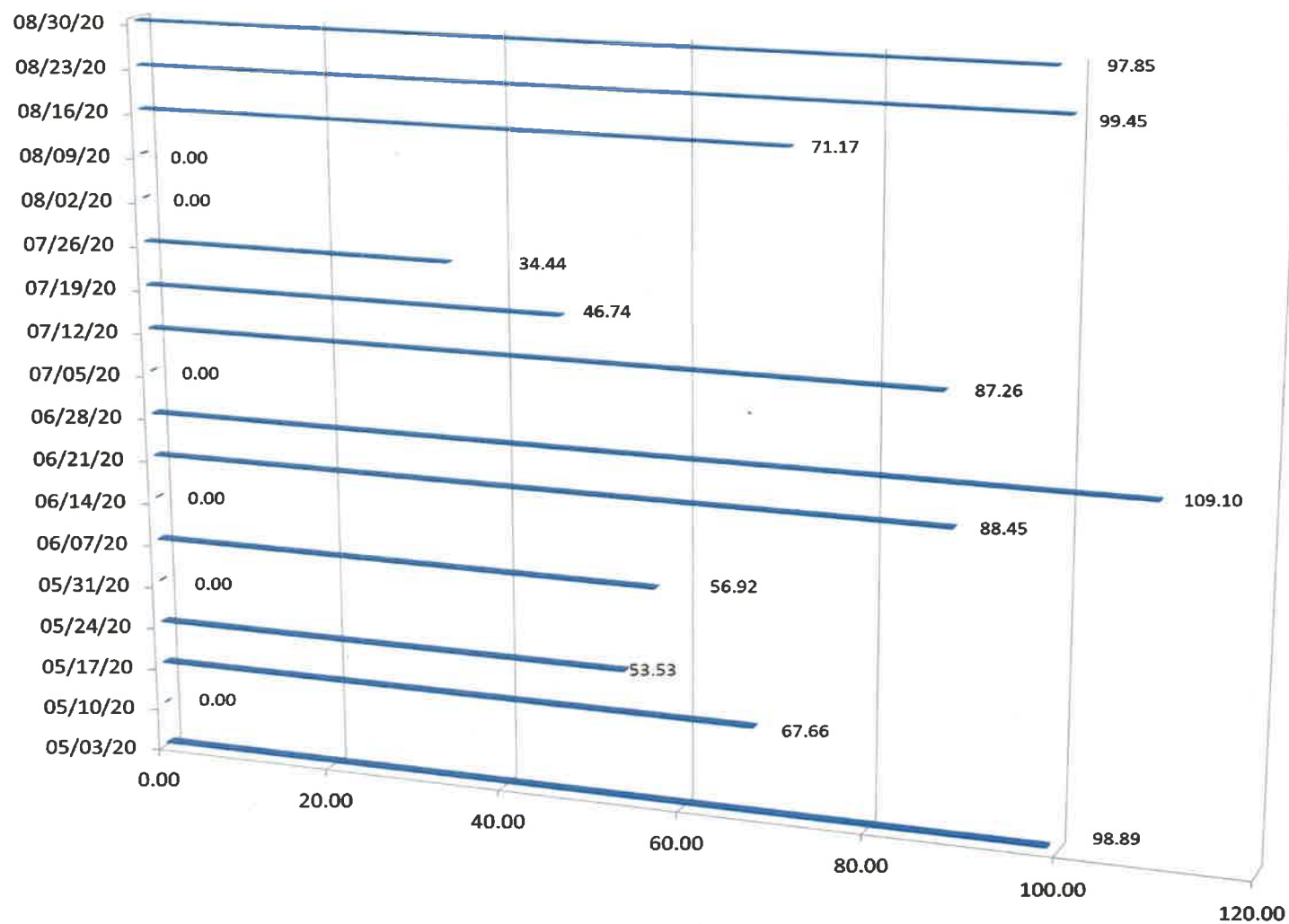
Monthly Operational Summary

Date	Net Generation (MWH)	Comment
07/02/20	146.96	ISO-NE Dispatch Units 12, 13, 14
07/20/20	110.23	Summer SCCA Testing Units 12 & 14
07/23/20	9.86	Test Run to Troubleshoot 11 B Engine Repair- Unit 11
07/27/20	208.24	ISO-NE Dispatch Units 11 & 14
08/01/20	142.16	ISO-NE Dispatch Units 11, 13, 14
08/09/20	247.24	ISO-NE Dispatch Units 11, 12, 13, 14

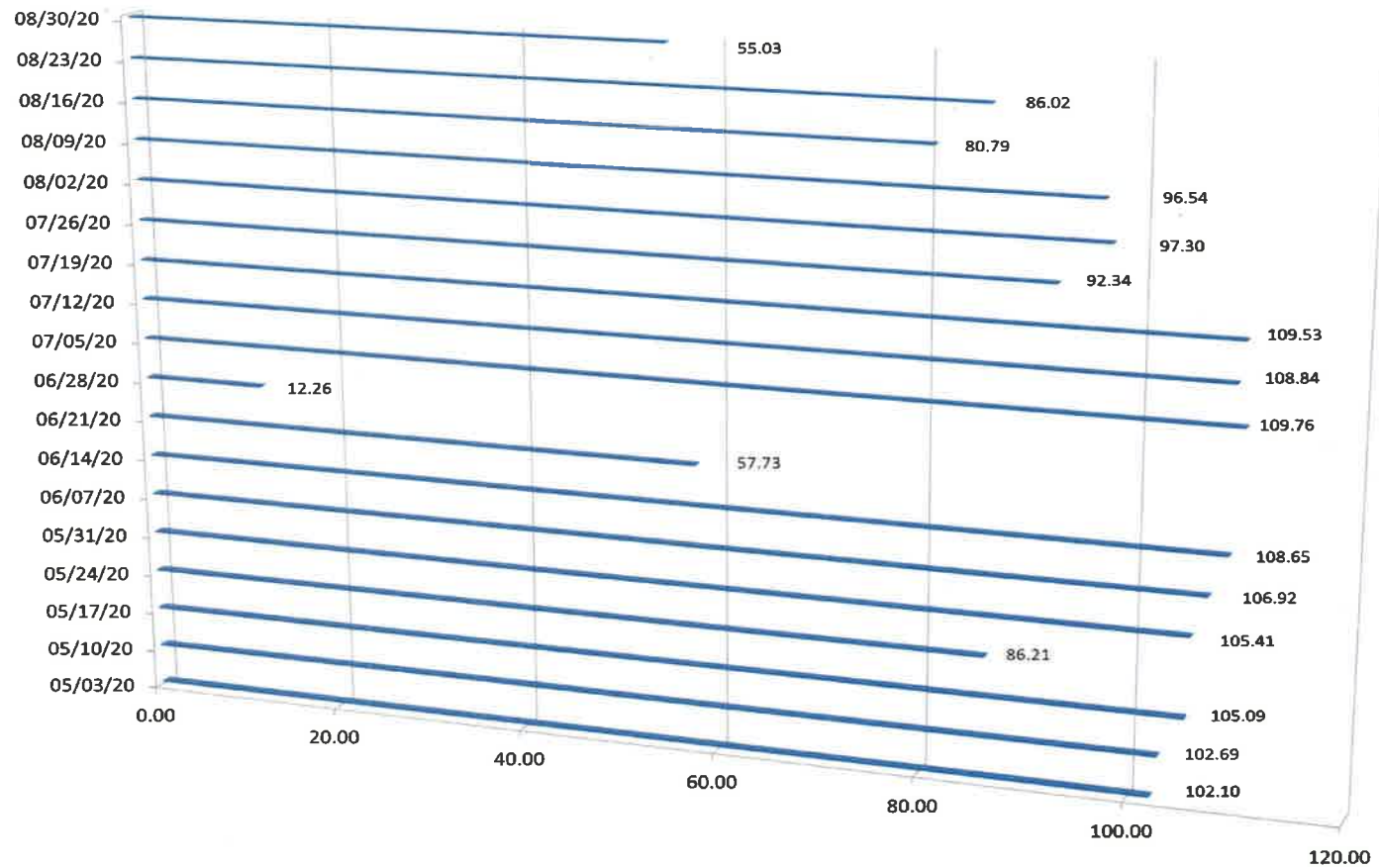
BLR#11 Steam Flow % of Target Steam flow Production



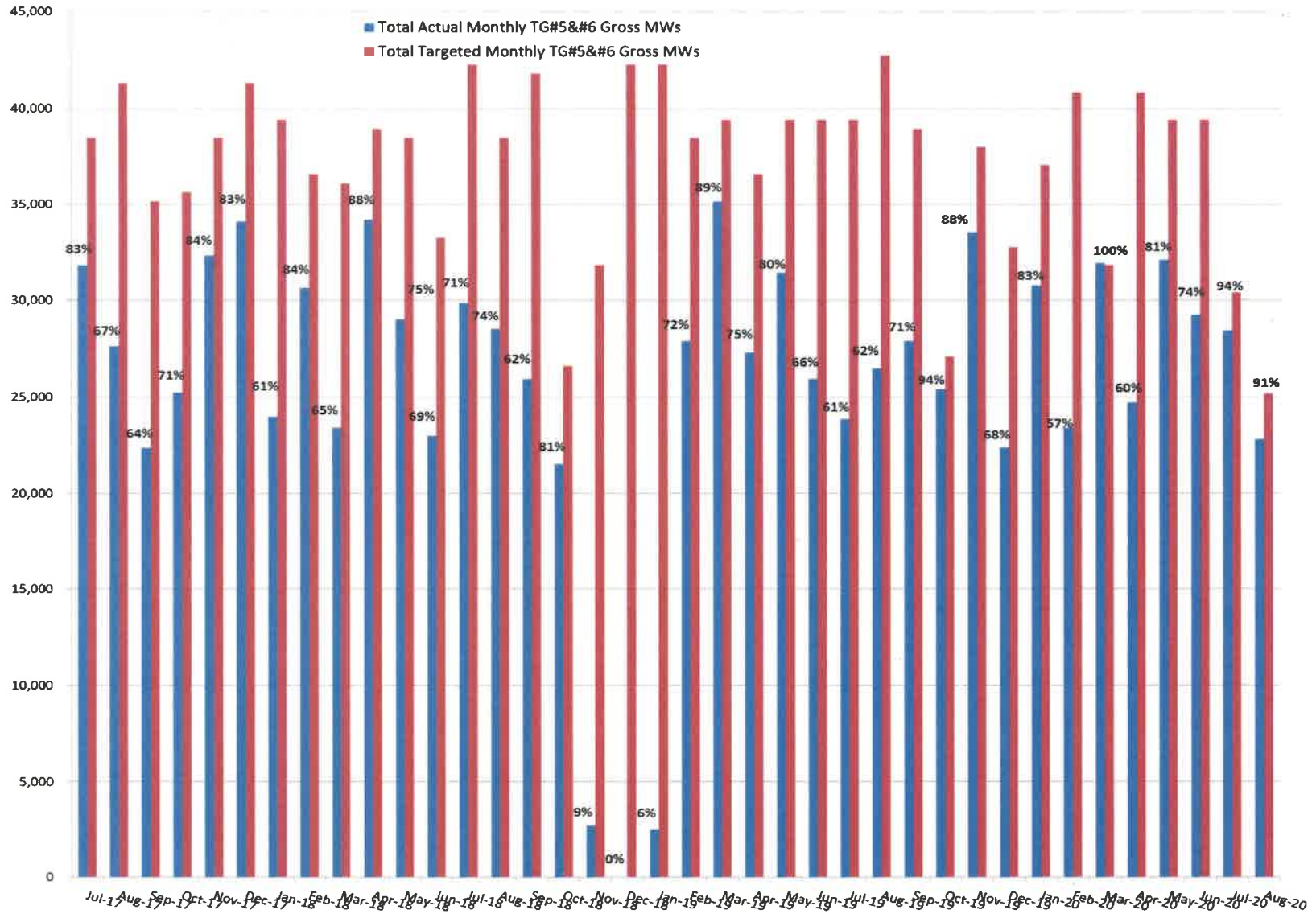
BLR#12 Steam Flow % of Target Steam flow Production



BLR#13 Steam Flow % of Target Steam flow Production



Combined Monthly TG#5 Gross MWs -Actual to Targeted



TAB C

MATERIALS INNOVATION AND RECYCLING AUTHORITY

Monthly Customer MSW and Recyclables Deliveries

August-20

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
CSWS MSW									
Tier 1	406,257	391,251	(4%)	71,861	69,455	(3%)	35,096	34,164	(3%) ⁽¹⁾
Tier 2	12,879	13,013	1%	2,256	2,445	8%	1,106	1,180	7% ⁽¹⁾
Tier 3	16	0	(100%)	0	0	-	0	0	-
Non-Processible MSW	2,086	2,637	26%	430	326	(24%)	199	179	(10%) ⁽¹⁾
Hauler Contract	126,128	114,976	(9%)	11,050	13,277	20%	3,691	7,054	91%
Contract (FCR Residue)	9,888	11,723	19%	1,633	1,241	(24%)	925	819	(11%) ⁽¹⁾
Ferrous Residue (excess)	1,427	1,196	(16%)	0	166	-	0	68	100%
In-State Spot	0	0	-	0	0	-	0	0	-
Out-of-State Spot	0	0	-	0	0	-	0	0	-
MSW TOTAL	558,681	534,796	(4%)	87,230	86,910	(0%)	41,017	43,465	6%

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
CSWS Recyclables									
Tier 1	52,317	56,609	8%	9,693	9,651	(0%)	4,598	4,499	(2%) ⁽¹⁾
Hauler Contract	21,714	20,474	(6%)	3,661	1,409	(62%)	1,800	735	(59%)
Contractor Sourced	346	0	(100%)	0	0	-	0	0	-
In-State Spot	0	0	-	0	0	-	0	0	-
Out-of-State Spot	0	0	-	0	0	-	0	0	-
RECYC. TOTAL	74,377	77,083	4%	13,354	11,060	(17%)	6,399	5,234	(18%)

MSW CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
CSWS Facility and/or TS	103,273	4,416	(96%)	4,339	0	(100%)	701	0	(100%)
Re-Directed Material (1)	13,458	93	(99%)	93	0	(100%)	0	0	-
TOTAL TONNAGE	116,732	4,509	(96%)	4,432	0	(100%)	701	0	(100%)

Recycling CSWS Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
Re-Directed Material (1)	0	0	-	0	1,650	-	0	106	-
TOTAL TONNAGE	0	0	-	0	1,650	-	0	106	-

(1) INCLUDES Tons re-directed to Non-MIRA Facility

Breakdown of Participating towns attached

Connecticut Solid Waste System Monthly Customer MSW Deliveries

CSWS Tier 1 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
Avon	11,942	12,112	1%	1,969	2,158	10%	983	1,086	10%
Bethlehem	1,598	1,710	7%	282	326	16%	138	159	15%
Bloomfield	17,990	15,811	(12%)	2,927	2,464	(16%)	1,360	1,100	(19%)
Canaan	447	474	6%	85	94	11%	38	49	28%
Canton	4,885	4,637	(5%)	815	823	1%	399	400	0%
Clinton	7,089	8,193	16%	1,429	1,622	14%	698	780	12%
Chester (4)	0	1,139	-	152	261	71%	57	143	150%
Colebrook	609	604	(1%)	132	106	(20%)	77	46	(40%)
Cornwall	529	530	0%	102	106	4%	52	50	(4%)
Deep River	3,121	3,359	8%	725	583	(20%)	330	304	(8%)
Durham/Middlefield	6,599	6,634	1%	1,108	1,079	(3%)	538	548	2%
East Granby	2,446	2,480	1%	398	369	(7%)	190	193	1%
East Hartford (2)	28,551	27,411	(4%)	4,999	4,900	(2%)	2,491	2,375	(5%)
East Hampton	6,075	6,691	10%	1,183	1,197	1%	578	616	7%
Ellington	5,756	5,228	(9%)	1,018	918	(10%)	477	443	(7%)
Essex	3,455	2,997	(13%)	608	419	(31%)	327	193	(41%)
Farmington	13,227	13,526	2%	2,543	2,148	(16%)	1,263	1,091	(14%)
Glastonbury	19,957	18,718	(6%)	3,444	3,327	(3%)	1,725	1,710	(1%)
Goshen	1,351	1,452	7%	258	310	20%	123	159	30%
Granby	4,259	4,271	0%	769	729	(5%)	372	356	(4%)
Haddam	3,509	3,346	(5%)	594	616	4%	271	318	17%
Hartford	87,763	80,122	(9%)	15,186	13,594	(10%)	7,495	6,538	(13%)
Harwinton	1,960	2,017	3%	338	377	11%	187	172	(8%)
Killingworth	1,964	2,061	5%	388	333	(14%)	179	147	(18%)
Litchfield	5,436	5,264	(3%)	958	975	2%	455	514	13%
Lyme	752	759	1%	144	146	2%	72	75	4%
Marlborough	2,237	2,401	7%	407	430	6%	185	216	17%
Middlebury	3,397	2,369	(30%)	425	446	5%	206	200	(3%)
Naugatuck	16,473	13,281	(19%)	2,281	2,639	16%	1,101	1,317	20%
Newington (3)	17,389	19,499	12%	3,608	3,415	(5%)	1,747	1,682	(4%)
Norfolk	800	777	(3%)	150	170	13%	76	82	8%
North Canaan	2,107	2,005	(5%)	364	407	12%	176	206	17%
North Branford (5)	0	4,996	-	876	741	(15%)	394	350	(11%)
Old Lyme	4,061	4,133	2%	910	1,042	15%	447	531	19%
Old Saybrook	8,846	8,742	(1%)	1,872	1,676	(10%)	909	802	(12%)
Portland	3,998	3,734	(7%)	652	704	8%	328	343	5%
Rocky Hill	12,784	12,171	(5%)	2,189	2,191	0%	1,045	1,073	3%
Roxbury	513	671	31%	107	145	35%	58	74	27%
RRDD#1	11,585	11,082	(4%)	2,038	2,054	1%	973	1,035	6%
Salisbury/Sharon	3,208	3,152	(2%)	598	595	(1%)	292	291	(0%)
Simsbury	11,776	11,370	(3%)	2,049	1,903	(7%)	1,010	914	(9%)
Thomaston	4,623	4,299	(7%)	761	698	(8%)	388	324	(17%)
Torrington	23,654	22,954	(3%)	4,001	4,178	4%	1,956	2,088	7%
Watertown	12,748	11,157	(12%)	1,919	2,024	6%	932	1,028	10%
Westbrook (1)	3,703	2,856	(23%)	598	620	4%	318	310	(2%)
Wethersfield	17,257	14,357	(17%)	2,889	2,651	(8%)	1,375	1,348	(2%)
Woodbury	3,827	3,699	(3%)	613	744	21%	306	384	25%
TOTAL TIER 1 PART.	406,257	391,251	(4%)	71,861	69,455	(3%)	35,096	34,164	(3%)

(1) Westbrook signed with MIRA as T1S effective 11/1/2017

(4) Chester switched from Tier 3 to Tier 1L 7/1/19

(2) East Hartford switched from Tier 4 to Tier 1L 7/1/18

(5) North Branford signed with MIRA as Tier 1L effective 7/1/19

(3) Newington signed with MIRA as T1L effective 7/1/2018

(a) INCLUDES Tons re-directed to Non-MIRA Facility

CSWS Tier 2 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
Manchester	12,879	13,013	1%	2,256	2,445	8%	1,106	1,180	7%
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	12,879	13,013	1%	2,256	2,445	8%	1,106	1,180	7%

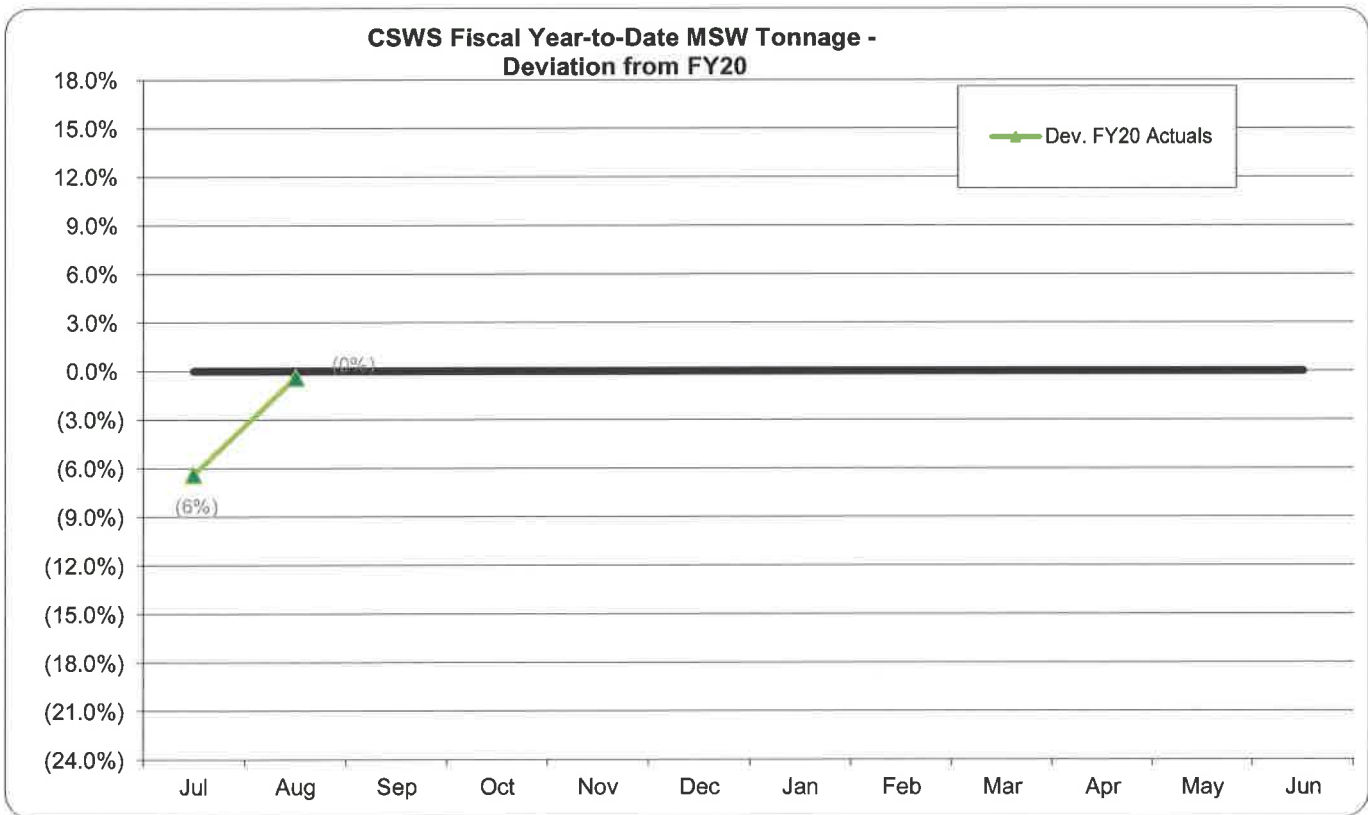
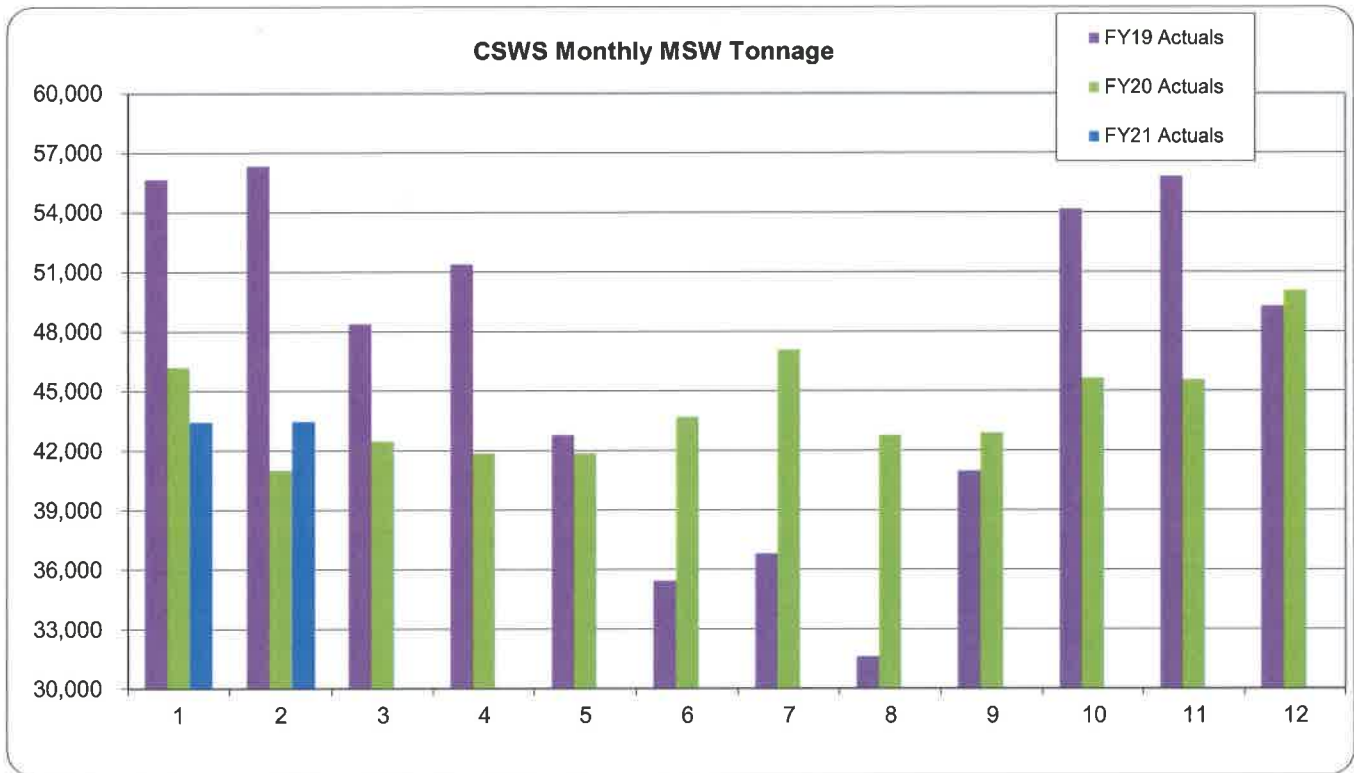
(a)

(a) INCLUDES Tons re-directed to Non-MIRA Facility (FY19 Nov)

CSWS Tier 3 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
Chester (2)	16	0	(100%)	0	0	-	0	0	-
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	16	0	(100%)	0	0	-	0	0	-

(2) Chester switched from Tier 3 to Tier 1L 7/1/2019

CSWS MSW Trends



Connecticut Solid Waste System

Monthly Customer Recyclables Deliveries

CSWS Tier 1 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Aug 19	Aug 20	Growth
Avon	2,121	1,925	(9%)	330	325	(2%)	173	155	(10%) (a)
Bethlehem	337	367	9%	57	66	17%	25	31	25%
Bloomfield	1,569	1,582	1%	272	287	5%	133	132	(1%) (a)
Canaan	99	106	7%	19	21	6%	9	7	(16%)
Canton	890	891	0%	156	153	(2%)	75	68	(8%) (a)
Chester (5)	0	328	-	28	74	165%	12	40	228%
Clinton	1,231	1,215	(1%)	220	224	2%	108	110	2%
Colebrook	176	184	4%	29	36	24%	17	17	(1%)
Cornwall	159	174	10%	32	33	1%	13	14	6%
Deep River	376	400	6%	88	54	(39%)	42	27	(35%)
Durham/Middlefield (4)	0	933	-	147	145	(1%)	71	72	2% (a)
East Granby	428	439	3%	65	73	12%	29	39	34% (a)
East Hartford (2)	3,415	3,461	1%	575	628	9%	282	278	(2%) (a)
East Hampton	974	1,028	6%	185	180	(3%)	86	82	(5%) (a)
Ellington	1,310	1,263	(4%)	191	222	16%	93	105	13% (a)
Essex	776	828	7%	134	132	(1%)	66	52	(22%)
Farmington	2,218	2,221	0%	394	357	(10%)	191	164	(14%) (a)
Glastonbury	3,426	3,493	2%	547	567	4%	259	253	(3%) (a)
Goshen	322	371	15%	69	63	(9%)	27	26	(2%)
Granby	1,286	1,296	1%	225	228	1%	104	109	4% (a)
Haddam	668	649	(3%)	113	122	8%	53	60	13% (a)
Hartford	5,890	3,826	(35%)	826	387	(53%)	355	202	(43%) (a)
Harwinton	479	476	(1%)	77	84	8%	44	35	(20%)
Killingworth	477	494	4%	74	71	(4%)	37	35	(6%)
Litchfield	745	780	5%	122	139	14%	58	62	7%
Lyme (4)	0	263	-	50	47	(6%)	30	19	(37%)
Marlborough	536	523	(2%)	76	94	23%	35	52	47% (a)
Middlebury	906	898	(1%)	150	160	7%	83	68	(18%)
Naugatuck (4)	0	2,216	-	365	399	9%	175	185	6%
Newington (3)	2,642	2,481	(6%)	415	424	2%	193	192	(0%) (a)
Norfolk	170	166	(2%)	30	34	12%	17	15	(14%)
North Branford (6)	0	1,210	-	158	223	42%	84	100	19%
North Canaan	254	258	2%	46	50	8%	25	28	12%
Old Lyme (4)	0	1,256	-	267	278	4%	105	121	15%
Old Saybrook	1,195	1,276	7%	251	273	9%	117	125	8%
Portland	806	816	1%	118	132	12%	58	61	4% (a)
Rocky Hill	1,509	1,540	2%	301	243	(19%)	133	119	(10%) (a)
Roxbury	164	232	41%	34	53	56%	19	25	34%
RRDD#1	1,668	1,666	(0%)	266	294	10%	128	151	18%
Salisbury-Sharon	1,046	1,179	13%	218	229	5%	102	100	(2%)
Simsbury	2,800	2,602	(7%)	431	413	(4%)	198	186	(6%) (a)
Thomaston	741	913	23%	155	153	(1%)	72	71	(3%)
Torrington	2,839	2,785	(2%)	465	504	8%	222	239	8%
Watertown	1,632	1,558	(5%)	237	278	17%	108	135	25%
Westbrook (1)	533	573	8%	102	113	11%	53	56	5%
Wethersfield	2,619	2,647	1%	451	439	(3%)	220	206	(6%) (a)
Woodbury	887	820	(7%)	133	148	11%	62	73	18%
TOTAL TIER 1 PART.	52,317	56,609	8%	9,693	9,651	(0%)	4,598	4,499	(2%)

(1) Westbrook signed with MIRA as T1S beginning 11/1/17

(2) East Hartford switched from Tier 4 to Tier 1L 7/1/18

(3) Newington signed with MIRA as T1L beginning 7/1/18

(4) Durham/Middlefield, Lyme, Old Lyme, Naugatuck added recycling 7/1/19

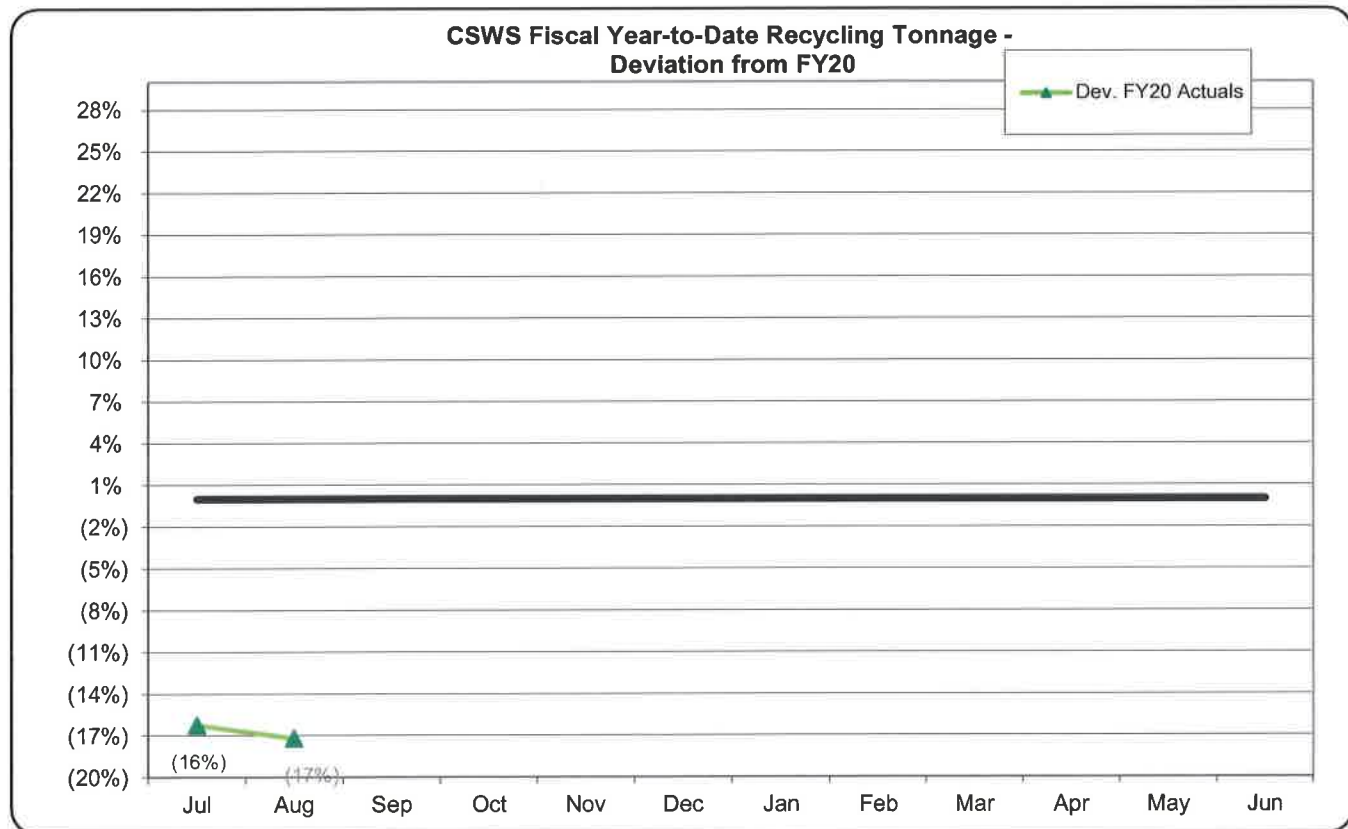
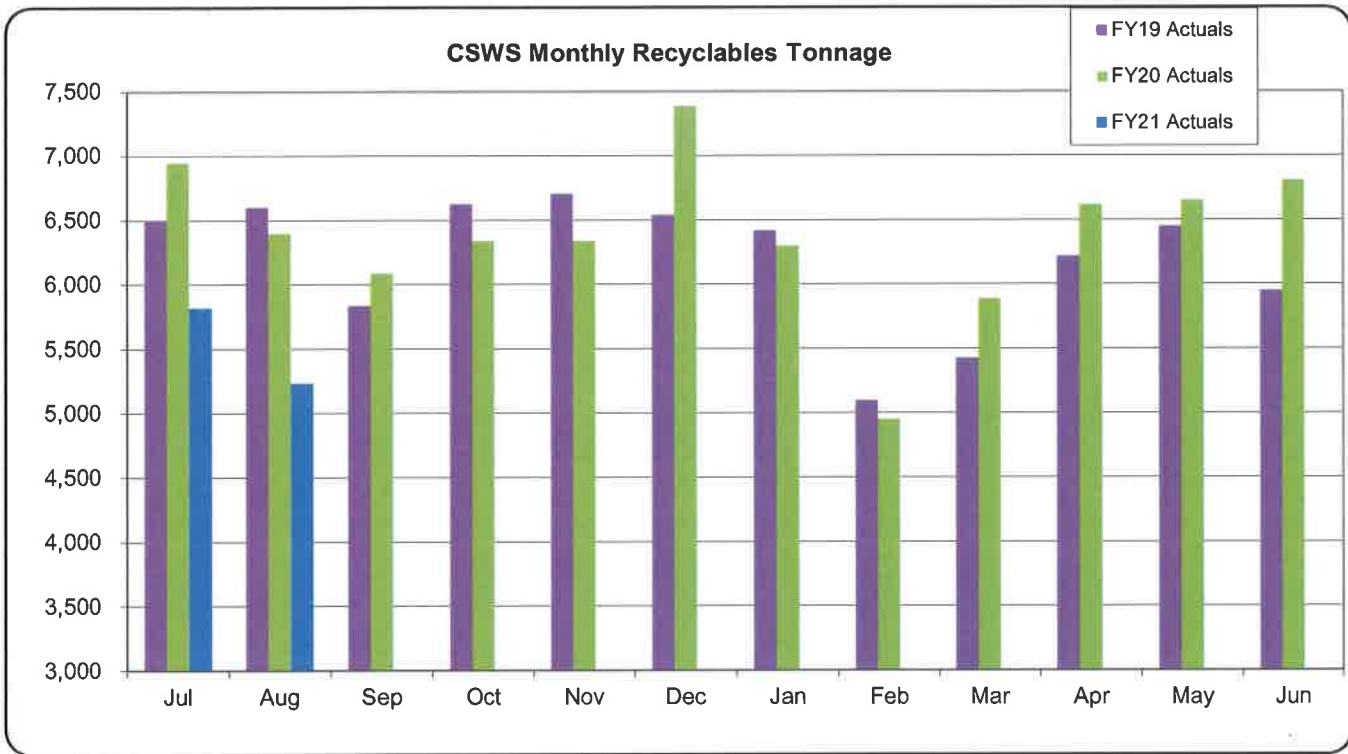
(5) Chester switched from Tier 3 to Tier 1L 7/1/19

(6) North Branford signed with MIRA as T1L beginning 7/1/19

*Starting Oct 2019 Product Codes 320,321,322 fall under Hauler Contr

(a) INCLUDES Tons re-directed to Non-MIRA Facility (FY21 Jul, Aug)

CSWS Recyclables Trends



TAB D

FISCAL YEAR 2021 LEGAL REQUEST FOR SERVICES

FOR PERIOD ENDING 8/31/2020

LEGAL FIRM	Matter	Board Approval	PO Number	PO Amount	FY21 expenses paid from FY21 PO	FY20 expenses paid from FY21 PO	FY21 accrued estimates	FY20 expenses Paid from FY20 PO (not accrued in FY20)	FY20 over/under accrual, Refunds received etc	Total per General ledger
Cohn Birnbaum & Shea	South Meadows Exit Strategy									\$ -
	Ellington									\$ -
Total Cohn Birnbaum & Shea		\$15,000.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Day Pitney	NPDES Permitting Support			\$ -						\$ -
Total Day Pitney		\$15,000.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Halloran & Sage	GC - Authority Budget			\$ 25,000			\$ 3,540		\$ (8)	\$ 3,533
	Property Division			\$ 5,000			\$ 600			\$ 600
	CSWS			\$ 25,000			\$ 57,500			\$ 57,500
										\$ -
										\$ -
	FCR			\$ 200,000			\$ 114,400			\$ 114,400
										\$ -
										\$ -
	Resource rediscovery			\$ 10,000			\$ 8,006		\$ (316)	\$ 7,690
										\$ -
	Landfill Division			\$ 5,000						\$ -
	MidCT									\$ -
Beginning Halloran & Sage		\$400,000.00		\$ 270,000	\$ -	\$ -	\$ 184,046	\$ -	\$ (324)	\$ 183,722
Kainen, Escalera & McHale	Employment									\$ -
Total Kainen, Escalera & McHale		\$20,000.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Melick & Porter	Tremont									\$ -
										\$ -
Total Melick & Porter				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS:		\$450,000.00		\$ 270,000	\$ -	\$ -	\$ 184,046	\$ -	\$ (324)	\$ 183,722
										<i>Agrees with Gen ledger</i>