



MEMORANDUM

TO: MIRA Board of Directors
FROM: Donald S. Stein, Chairman
DATE: October 7, 2021
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 13, 2021 at 9:30 a.m.*

Members of the public may attend the meeting in person in the board room at MIRA headquarters (masks required), or may attend the meeting telephonically by calling (929) 205-6099, entering Meeting ID: 857 0992 2968, and entering Passcode: 045337# 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 22, 2021 Regular Board Meeting (*Attachment 1*).
- IV. Finance Committee Report
- V. Policies and Procurement Committee Report – No Report.
- VI. OS & HR Committee Report – No Report
- VII. Chairman’s and President’s Report
 - a. Attached Supplemental Information / Other Matters
- VIII. Executive Session to discuss:
 - a. Pending RFPs and Feasibility Estimates and Evaluations relative to prospective public supply contracts, including MIRA RFP’s and prospective contracts for Connecticut Solid Waste System transfer facilities, transportation and disposal of acceptable solid waste at alternate disposal facilities and operation of MIRA’s Jets and the potential impact of same upon MIRA operating and capital budgets and its Municipal Service Agreements.

Tab 1

MATERIALS INNOVATION AND RECYCLING AUTHORITY

FIVE HUNDRED AND THIRTY-FIVE

SEPTEMBER 22, 2021

A Regular Telephonic (Zoom) Board meeting of the Materials Innovation and Recycling Authority Board of Directors was held on Wednesday, September 22, 2021. Present via audio or video conferencing were:

Directors:

Chairman Stein
John Adams
Jim Hayden
Carl Fortuna, Jr.
Susan Weisselberg
Bert Hunter
Marcia Leclerc (left 10:15)
Suzette DeBeatham-Brown (joined 9:54; left 10:05)
Tom Swarr
Luke Bronin (joined 9:40)

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
Thomas Gaffey, Director of Recycling & Enforcement
Cheryl Kaminsky, Manager of Accounting and Financial Reporting
Dave Bodendorf, Senior Environmental Engineer
Roger Guzowski, Contract and Procurement Manager
Tina Mateo, Assistant Director of Budgets & Cash Management

Others Present:

Ann Catino, Halloran & Sage
Gabrielle Frigon, DEEP
Robert Isner, DEEP
Patrick Skahill, Connecticut Public
Katie Dykes, Commissioner, DEEP (joined 10:52)
Betsy Wingfield, Deputy Commissioner, DEEP (joined 11:00)

Chairman Stein called the meeting officially to order at 9:33 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.

1. Approval of the Minutes of the July 14, 2021 Board Meeting.

Chairman Stein requested a motion to accept the minutes of the July 14, 2021 Board meeting. The motion to approve the minutes was made by Director Adams and seconded by Director Hunter.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		
Luke Bronin			

2. Approval of the Minutes of the August 11, 2021 Board Meeting.

Chairman Stein requested a motion to accept the minutes of the August 11, 2021 Board meeting. The motion to approve the minutes was made by Director Adams and seconded by Director Hunter.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		
Luke Bronin			

3. Resolution Regarding Acceptance of the Authority’s Fiscal Year 2021 Annual Financial Report

Chairman Stein requested a motion on the above-referenced item. The motion was made by Director Weisselberg and seconded by Director Leclerc.

RESOLVED: That the Board of Directors hereby accepts the Fiscal Year 2021 Annual Financial Report as discussed and presented at this meeting.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, and Ad Hoc Bronin voted yes; Ad Hoc Swarr abstained.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr			X
Luke Bronin	X		

Chairman Stein re-ordered the Agenda because Item V.b. requires eight affirmative votes.

4. Authorizing and Funding a CSWS Decommissioning Cost Account for Fiscal Year 2022.

Chairman Stein requested a motion on the above-referenced item. The motion was made by Director Fortuna and seconded by Director Hunter.

WHEREAS: Section 702 of the Authority's Amended and Restated Bylaws provides that "After adoption of the final budget, the President shall ensure the proper allocation of the budget to an established chart of accounts. Budget appropriations allocated to the accounts of the Authority shall not be exceeded without the prior approval of the Directors. The President may transfer funds within the line items for each Project without limit as long as each line item of each Project and the grand total of each fund is not exceeded without the prior approval of the Directors."; and

WHEREAS: The Authority has a present need and otherwise desires to authorize the establishment and funding of a Decommissioning Cost account to initially be used for payment

of consultant services needed to develop a scope of work and cost estimate to ultimately decommission certain Connecticut Solid Waste System facilities;

NOW THEREFORE, it is RESOLVED:

That the Board of Directors hereby authorizes establishment of a Decommissioning Cost account for the CSWS which may initially be funded in the amount of \$50,000 through transfer of surplus funds within the adopted line items of the CSWS Operating Budget; and may be further administered pursuant to the President's authority under section 702 of the Authority's Amended and Restated Bylaws.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, Director Brown, Ad Hoc Swarr and Ad Hoc Bronin voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		
Luke Bronin	X		

5. Resolution Regarding Submittal of an Annual Plan of Operations to the Connecticut Department of Energy and Environmental Protection.

Chairman Stein requested a motion on the above-referenced item. The motion was made by Director Hunter and seconded by Director Adams.

RESOLVED: That the Board of Directors hereby authorizes MIRA management to submit the Annual Plan of Operations for FY2022 to the Connecticut Department of Energy and Environmental Protection, substantially as discussed and presented at this meeting.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, Director Brown voted yes; Ad Hoc Swarr abstained; Ad Hoc Bronin voted no.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr			X
Luke Bronin		X	

6. Resolution Regarding Additional Projected Legal Expenditures.

Chairman Stein requested a motion on the above-referenced item. The motion was made by Director Hunter and seconded by Director Fortuna.

WHEREAS, MIRA has entered into Legal Service Agreements with various law firms to perform legal services; and

WHEREAS, the Board of Directors has previously authorized certain amounts for payment of fiscal year 2022 projected legal fees; and

WHEREAS, MIRA expects to incur greater than authorized legal expenses related to several matters with its general counsel; and

WHEREAS, funding is requested at this time from a CSWS reserve not approved through the budget process;

NOW THEREFORE, it is RESOLVED: That the following additional amount be authorized for payment of projected legal fees and costs to be incurred during fiscal year 2022:

Firm:

Halloran & Sage

Amount:

\$400,000

and

FURTHER RESOLVED: That a budget of \$300,000 be established for payment of FY 22 legal fees and expenses incurred in connection with the lawsuit known as *Zurich American Insurance Company et al. v. NAES*; that \$300,000 from the CSWS Legal Reserve be available as the funding source for such budget; and that the President be authorized to expend up to that budgeted amount for payment of such legal costs.

The motion previously made and seconded was approved by roll call vote. Director Brown had lost her connection; President Kirk called her and put her on speaker so that her vote was audible. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, Director Brown, Ad Hoc Swarr and Ad Hoc Bronin voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		
Luke Bronin	X		

7. Informational.

President Kirk reported on the operational and financial status of the CSWS for the month of September 2021.

8. Executive Session.

Chairman Stein requested a motion to go into Executive Session to discuss Pending RFPs and Feasibility Estimates and Evaluations relative to prospective public supply contracts, including MIRA RFP’s and prospective contracts for Connecticut Solid Waste System transfer facilities, transportation and disposal of acceptable solid waste at alternate disposal facilities and operation of MIRA’s Jets and the potential impact of same upon MIRA operating and capital budgets and its Municipal Services Agreements.

Chairman Stein asked Mr. Kirk, Mr. Daley, Mr. Egan, Ms. Hunt, Mr. Gaffey, Attorney Catino, Mr. Isner, Commissioner Dykes and Deputy Commissioner Wingfield to participate in the discussion. The motion was made by Director Hunter, seconded by Director Fortuna, and approved by roll call vote. Chairman Stein, Director Adams, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Ad Hoc Swarr and Ad Hoc Bronin voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
John Adams	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc			
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		
Luke Bronin	X		

Executive Session began at 10:20 and ended at 12:02. Chairman Stein noted that no motions were made and no votes were taken in Executive Session, and adjourned the meeting.



Materials Innovation and Recycling Authority
Regular Board of Directors Meeting
Supplemental Information
October 13, 2021

I. Finance

1. Informational Reports for the period ending August 31, 2021 (*Attachment A*).

CSWS Financials	Property Division Financials
CSWS Electricity	MIRA Cash Flow
CSWS Solid Waste Summary	Improvement and Major Maintenance Funds
CSWS Recycling Summaries	Authority Budget
CSWS Metal Recovery Operations	FY 2020 CAFR Award

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending August 31, 2021 (*Attachment B*).
2. An update is provided on waste deliveries to the CSWS project for the period ending August 31, 2021 (*Attachment C*).

III. Communications

1. Legal Expenditure Report for the period ending August 31, 2021 (*Attachment D*).

TAB A



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING

August 31, 2021

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 \$5.07 million (6.4% above budget). Deficits in member town and other contract waste deliveries were offset by surplus hauler contract deliveries and all other categories of operating revenue were above budget. Year to date operating revenues are 8.0% above budget. Total accrued expenditures for August were \$4.41 million (14.1% under budget). Accrued expenses include operation of the Recycling Facility as a recycling transfer operation, as well as transportation and disposal of pre-combustion ferrous metals, both of which came in under budget. Year to date accrued expenditures are 12.6% under budget. Year to date the CSWS has generated operating income of \$1.94 million which is \$2.14 million above 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. All energy is presently sold in the wholesale energy market.

As indicated in this report, the CSWS total average energy price was \$0.0460 per kwh in August which is \$0.0121 per kwh (35.7%) above budget. Year to date energy price is 15.9% above budget. The CSWS generated 18.90 million Kwh of energy in August which was 1.34 million Kwh (6.6%) under budget. The plant ran at full capacity for 0 out of 31 days. Overall boiler availability was 64.2%. Boiler 11 was off line for 581.84 hours (21.8% availability) due to an RDF Feed System fire, tube leaks, an outage for IRIS testing and due to lack of fuel. Boiler 12 was off line for 94.76 hours (87.3% availability) due to tube leaks and a large clinker that was damaging the boiler's grates. Boiler 13 was off line for 122.39 hours (83.5% availability) for a cleaning outage. All three boilers were unavailable during two days causing a cold iron event. Turbine 5 was off line during these two days due to boiler availability and the cold iron event. Turbine 6 was off line initially for two days due to boiler availability and subsequently for nine additional days due to control valve issues. On a year to date basis, in comparison to this period of fiscal year 2021, energy price is up 80.6%, production is down 5.4% and revenue is up 70.9%.

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 38,135 tons which is 523 tons (1.4%) above budget. Member town deliveries were 690 tons (2.0%) under budget while non-participating deliveries were 1,213 tons (33.9%) above budget. Prices for waste hauler tons averaged \$93.00 per ton in August reflecting the FY 2022 adopted tip fees and exclusive selection of the Authority's hybrid hauler contract transferring additional plant shutdown risk to the hauler. There were no deliveries of other contract waste in August which have recently been awarded by the Authority. There were no deliveries of spot waste in August. Price and delivery volume by contract type combine to produce total solid waste delivery revenue presently 2.1% under budget on a year to date basis.



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING August 31, 2021

CSWS Recycling Summary - This report reflects current month and year to date accrued revenue and expense associated with CSWS recycling operations stated in terms relevant to the Authority's waste hauler agreements, transfer station and Recycling Facility operating contracts.

As indicated in the summary report, 75.79 tons of non-participating recycling were delivered and assessed a tip fee of \$117 per ton for total revenue of \$8,867. There were no such deliveries budgeted. Operating expenses totaled \$199,410 which is 67% under budget for the month of August primarily due to a favorable Average Commodity Rate (ACR) adjustment under the Recycling Facility operating contract. Operating expenses include transportation from the CSWS transfer stations which are detailed on the Recycling Transportation Report, Recycling Facility contract operating charges which are detailed on the Recycling Contract Operating Report, Authority direct O&M expenses and Recycling Facility residue charges which remain under review by the Authority. Operating expenses are 54% under budget year to date.

CSWS Metals Sales - This report reflects budget versus actual sales of post combustion ferrous metals and maintenance metals stated in terms relevant to the Authority's metals transportation and processing contract.

In August, the Authority sold 94.67 gross tons of post combustion ferrous and 47.15 gross tons of maintenance metals for total revenue of \$21,742 which was 281% above budget due to strong sales volume and pricing. Metal sales are 222% above budget year to date. Note that the Authority no longer directly sells pre-combustion ferrous metals. This material continues to be extracted from the waste stream and transported for further processing and remarketing but not in the form of a revenue sharing agreement. This waste transportation expense is included on the CSWS Monthly Financial Report (within Waste Transportation).

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.

As indicated, revenue to the Property Division was 35.1% above budget in August due to significant real time energy sales and surplus reserve credits. Operating expenses were 43.3% below budget due to savings in Jets operating charges. Total operating income is 24.5% 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 \$612,117 to the Tip Fee Stabilization Fund. Year to date distributions to the Tip Fee Stabilization Fund in support of FY 2022 budgets for July through October are \$2,487,728. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF, Improvement and Major Maintenance funds causing a \$1,054,934 draw from the Tip Fee Stabilization Fund. After the distribution of August receipts, \$63,238,514 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 a net amount of \$382,418 from the Major Maintenance Fund to NAES for Boiler 11, bag house and ash system repair work.

Materials Innovation and Recycling Authority
FY 2022 Board of Directors Financial Report

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **August 31, 2021**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
Member Towns	\$ 3,576,495	\$ 3,504,270	\$ (72,225)	-2%	\$ 7,636,991	\$ 7,154,335	\$ (482,656)	-6%
Other Contracts	\$ 116,622	\$ -	\$ (116,622)	n/a	\$ 233,244	\$ -	\$ (233,244)	n/a
Hauler - Direct	\$ 142,724	\$ 298,112	\$ 155,388	109%	\$ 320,546	\$ 601,447	\$ 280,901	88%
Hauler - TS	\$ 73,149	\$ 147,213	\$ 74,064	101%	\$ 156,197	\$ 293,437	\$ 137,240	88%
Spot Waste	\$ -	\$ -	\$ -	n/a	\$ -	\$ 122,733	\$ 122,733	n/a
Bypass, Delivery & Other Charges	\$ -	\$ 2,435	\$ 2,435	n/a	\$ -	\$ 2,435	\$ 2,435	n/a
Member Service Fee	\$ 2,151	\$ 2,348	\$ 197	9%	\$ 4,593	\$ 4,780	\$ 187	4%
Metal Sales & Excess Residue	\$ 5,708	\$ 21,742	\$ 16,033	281%	\$ 11,417	\$ 36,730	\$ 25,313	222%
Bulky Waste	\$ 20,550	\$ 21,885	\$ 1,335	6%	\$ 41,100	\$ 59,267	\$ 18,167	44%
Recycling Facility	\$ -	\$ 8,867	\$ 8,867	n/a	\$ -	\$ 17,029	\$ 17,029	n/a
Electricity Sales	\$ 685,759	\$ 868,490	\$ 182,730	27%	\$ 1,533,926	\$ 1,626,094	\$ 92,167	6%
Other Energy Markets	\$ 141,250	\$ 181,122	\$ 39,872	28%	\$ 282,500	\$ 1,077,019	\$ 794,519	281%
Misc. (Interest, Fees, Other)	\$ 1,667	\$ 15,243	\$ 13,576	814%	\$ 3,334	\$ 49,284	\$ 45,950	1378%
TOTAL ACCRUED REVENUES	\$ 4,766,076	\$ 5,071,728	\$ 305,652	6.4%	\$ 10,223,848	\$ 11,044,590	\$ 820,743	8.0%
EXPENDITURES								
Administrative Expenses	\$ 189,230	\$ 193,755	\$ (4,525)	-2%	\$ 378,460	\$ 476,047	\$ (97,587)	-26%
Operational & Contingent . Exp.	\$ 220,412	\$ 163,521	\$ 56,891	26%	\$ 441,524	\$ 486,693	\$ (45,169)	-10%
PILOTs & Fees	\$ 196,384	\$ 206,441	\$ (10,057)	-5%	\$ 408,295	\$ 402,906	\$ 5,389	1%
Waste Transport	\$ 998,920	\$ 986,300	\$ 12,620	1%	\$ 2,111,165	\$ 1,991,545	\$ 119,620	6%
Recycling Facility	\$ 598,236	\$ 199,410	\$ 398,826	67%	\$ 1,232,352	\$ 563,101	\$ 669,251	54%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 86,716	\$ 149,840	\$ (63,124)	-73%	\$ 208,607	\$ 288,519	\$ (79,912)	-38%
NAES Contract Operating Charges	\$ 2,464,110	\$ 2,135,043	\$ 329,067	13%	\$ 4,887,310	\$ 4,145,770	\$ 741,540	15%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
NAES On-Site Incentive Comp.	\$ 86,326	\$ 86,326	\$ -	0%	\$ 172,652	\$ 172,652	\$ -	0%
NAES Management Fees	\$ 104,818	\$ 104,415	\$ 403	0%	\$ 209,636	\$ 202,723	\$ 6,913	3%
Transfer Station - Ellington	\$ 1,141	\$ 309	\$ 832	73%	\$ 4,782	\$ 4,981	\$ (199)	-4%
Transfer Station - Essex	\$ 65,727	\$ 64,762	\$ 965	1%	\$ 133,004	\$ 132,932	\$ 72	0%
Transfer Station - Torrington	\$ 50,138	\$ 51,163	\$ (1,025)	-2%	\$ 101,826	\$ 101,050	\$ 776	1%
Transfer Station - Watertown	\$ 65,569	\$ 64,685	\$ 884	1%	\$ 132,688	\$ 137,609	\$ (4,921)	-4%
TOTAL ACCRUED EXPENDITURES	\$ 5,127,727	\$ 4,405,970	\$ 721,757	14.1%	\$ 10,422,301	\$ 9,106,528	\$ 1,315,773	12.6%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ (361,651)	\$ 665,758	\$ 1,027,409	-284%	\$ (198,453)	\$ 1,938,062	\$ 2,136,515	-1077%
DISTRIBUTION OF CSWS OPERATING INCOME								
CSWS Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Major Maint. Fund	\$ 900,000	\$ 900,000	\$ -	0%	\$ 1,800,000	\$ 1,800,000	\$ -	0%
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 900,000	\$ 900,000	\$ -	0%	\$ 1,800,000	\$ 1,800,000	\$ -	0%
SURPLUS / (DEFICIT)	\$ (1,261,651)	\$ (234,242)	\$ 1,027,409	-81%	\$ (1,998,453)	\$ 138,062	\$ 2,136,515	-107%

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report

[Narrative](#)

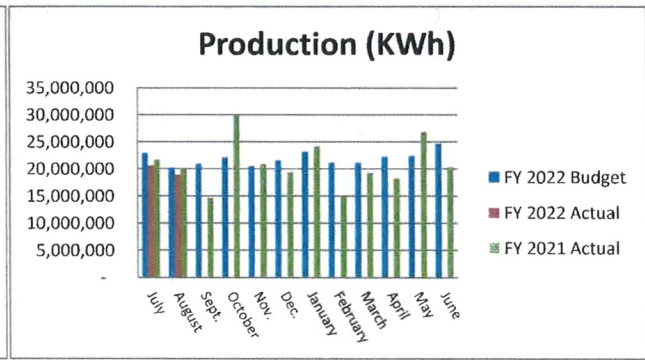
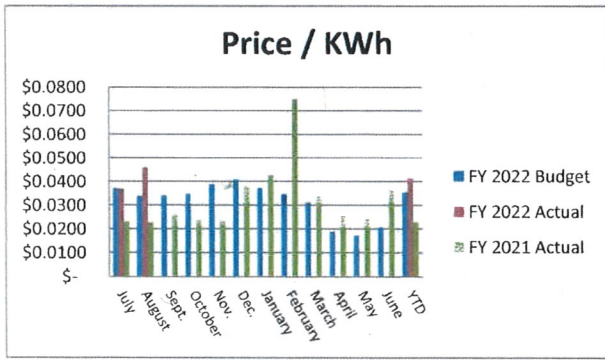
CSWS Electricity Production

Period Ending:

August 31, 2021

FY 2022	Price			Production			Generation Revenue		
	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0370	\$ 0.0368	\$ (0.0002)	22,916,522	20,592,010	(2,324,512)	\$ 848,167	\$ 757,604	\$ (90,563)
August	\$ 0.0339	\$ 0.0460	\$ 0.0121	20,239,205	18,895,700	(1,343,505)	\$ 685,759	\$ 868,490	\$ 182,730
Sept.	\$ 0.0341	\$ -	n/a	20,913,621		n/a	\$ 713,124		n/a
October	\$ 0.0350	\$ -	n/a	22,098,687		n/a	\$ 773,238		n/a
Nov.	\$ 0.0389	\$ -	n/a	20,477,905		n/a	\$ 796,000		n/a
Dec.	\$ 0.0407	\$ -	n/a	21,522,531		n/a	\$ 876,170		n/a
January	\$ 0.0372	\$ -	n/a	23,196,412		n/a	\$ 863,844		n/a
February	\$ 0.0348	\$ -	n/a	21,127,012		n/a	\$ 735,201		n/a
March	\$ 0.0315	\$ -	n/a	21,118,545		n/a	\$ 664,338		n/a
April	\$ 0.0190	\$ -	n/a	22,276,288		n/a	\$ 423,302		n/a
May	\$ 0.0175	\$ -	n/a	22,408,293		n/a	\$ 392,576		n/a
June	\$ 0.0208	\$ -	n/a	24,704,979		n/a	\$ 512,781		n/a
YTD	\$ 0.0355	\$ 0.0412	\$ 0.0056	43,155,727	39,487,710	(3,668,017)	1,533,926	1,626,094	\$ 92,167
YTD % Var.			15.9%			-8.5%			6.0%

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Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report

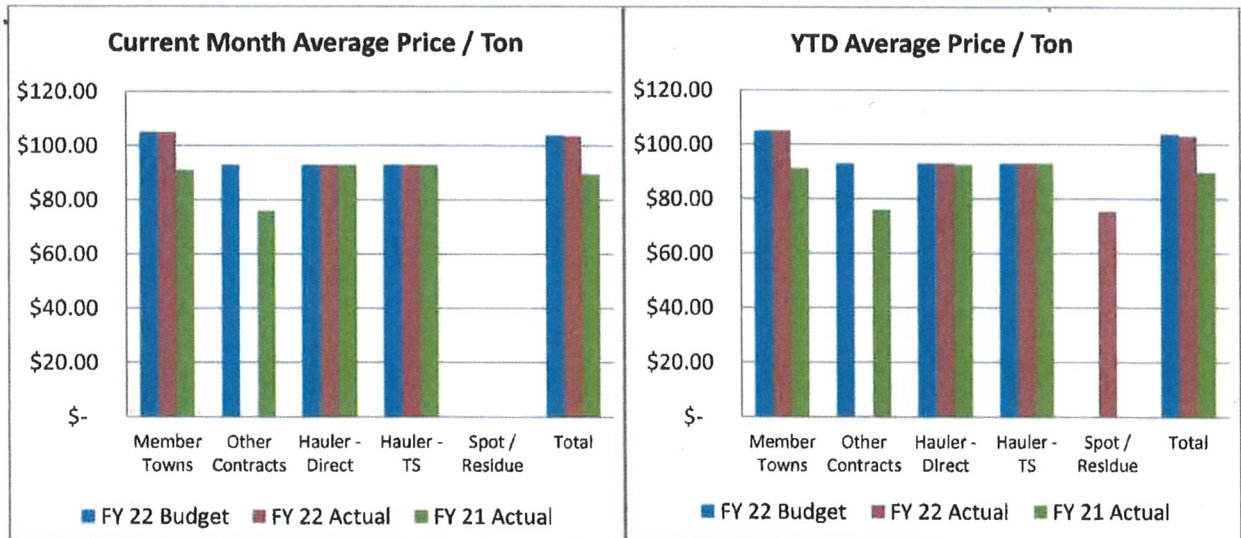
[Narrative](#)

CSWS Solid Waste Summary

Period Ending:

August 31, 2021

FY 22 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	34,037	\$ 3,576,495	\$ 105.08	72,680	\$ 7,636,991	\$ 105.08
<u>Other Contracts</u>	1,254	\$ 116,622	\$ 93.00	2,508	\$ 233,244	\$ 93.00
<u>Hauler - Direct</u>	1,535	\$ 142,724	\$ 93.00	3,447	\$ 320,546	\$ 93.00
<u>Hauler - TS</u>	787	\$ 73,149	\$ 93.00	1,680	\$ 156,197	\$ 93.00
<u>Spot / Residue</u>	-	\$ -	\$ -	-	\$ -	\$ -
Total	37,612	\$ 3,908,990	\$ 103.93	80,314	\$ 8,346,978	\$ 103.93
FY 22 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	33,346	\$ 3,504,270	\$ 105.09	68,077	\$ 7,154,335	\$ 105.09
Other Contracts	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - Direct	3,206	\$ 298,112	\$ 93.00	6,467	\$ 601,447	\$ 93.00
Hauler - TS	1,583	\$ 147,213	\$ 93.00	3,155	\$ 293,437	\$ 93.00
Spot / Residue	-	\$ -	\$ -	1,627	\$ 122,733	\$ 75.45
Total	38,135	\$ 3,949,596	\$ 103.57	79,327	\$ 8,171,952	\$ 103.02
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(690)	\$ (72,225)	\$ 0.01	(4,602)	\$ (482,656)	\$ 0.01
Other Contracts	(1,254)	\$ (116,622)	\$ (93.00)	(2,508)	\$ (233,244)	\$ (93.00)
Hauler - Direct	1,671	\$ 155,388	\$ -	3,020	\$ 280,901	\$ -
Hauler - TS	796	\$ 74,064	\$ -	1,476	\$ 137,240	\$ -
Spot / Residue	-	\$ -	\$ -	1,627	\$ 122,733	\$ 75.45
Total	523	\$ 40,606	\$ (0.36)	(987)	\$ (175,025)	\$ (0.91)
Total % Var.	1.4%	1.0%	-0.3%	-1.2%	-2.1%	-0.9%



Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report
 CSWS Recycling Summary

[Narrative](#)

Period Ending:

August 31, 2021

Budget FY 2022	Non Participating Delivery Revenue						Operating Expenses					
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ 117	\$ -	\$ 58,934	\$ 554,081	\$ 21,101	\$ -	\$ 634,116
August	-	-	-	-	-	\$ 117	\$ -	\$ 55,623	\$ 525,762	\$ 16,851	\$ -	\$ 598,236
September	-	-	-	-	-	\$ 117	\$ -	\$ 52,974	\$ 503,107	\$ 16,851	\$ -	\$ 572,932
October	-	-	-	-	-	\$ 117	\$ -	\$ 56,947	\$ 537,090	\$ 16,851	\$ -	\$ 610,888
November	-	-	-	-	-	\$ 117	\$ -	\$ 52,974	\$ 503,107	\$ 16,851	\$ -	\$ 572,932
December	-	-	-	-	-	\$ 117	\$ -	\$ 58,934	\$ 554,081	\$ 16,851	\$ -	\$ 629,866
January	-	-	-	-	-	\$ 117	\$ -	\$ 55,623	\$ 525,762	\$ 16,851	\$ -	\$ 598,236
February	-	-	-	-	-	\$ 117	\$ -	\$ 44,366	\$ 429,477	\$ 16,851	\$ -	\$ 490,694
March	-	-	-	-	-	\$ 117	\$ -	\$ 49,663	\$ 474,787	\$ 16,851	\$ -	\$ 541,302
April	-	-	-	-	-	\$ 117	\$ -	\$ 56,947	\$ 537,090	\$ 16,851	\$ -	\$ 610,888
May	-	-	-	-	-	\$ 117	\$ -	\$ 59,596	\$ 559,745	\$ 16,851	\$ -	\$ 636,192
June	-	-	-	-	-	\$ 117	\$ -	\$ 59,596	\$ 559,745	\$ 16,839	\$ -	\$ 636,180
YTD	-	-	-	-	-	\$ 117	\$ -	\$ 114,557	\$ 1,079,843	\$ 37,952	\$ -	\$ 1,232,352

Actual FY 2022	Non Participating Delivery Revenue						Operating Expenses					
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	1.33	-	5.27	63.16	69.76	\$ 117	\$ 8,162	\$ 56,038	\$ 262,319	\$ 13,428	\$ 31,907	\$ 363,692
August	4.95	-	4.42	66.42	75.79	\$ 117	\$ 8,867	\$ 52,455	\$ 139,371	\$ 6,482	\$ 1,102	\$ 199,410
September					-	\$ 117	\$ -	\$ -	\$ -			\$ -
October					-	\$ 117	\$ -	\$ -	\$ -			\$ -
November					-	\$ 117	\$ -	\$ -	\$ -			\$ -
December					-	\$ 117	\$ -	\$ -	\$ -			\$ -
January					-	\$ 117	\$ -	\$ -	\$ -			\$ -
February					-	\$ 117	\$ -	\$ -	\$ -			\$ -
March					-	\$ 117	\$ -	\$ -	\$ -			\$ -
April					-	\$ 117	\$ -	\$ -	\$ -			\$ -
May					-	\$ 117	\$ -	\$ -	\$ -			\$ -
June					-	\$ 117	\$ -	\$ -	\$ -			\$ -
YTD	6.28	-	9.69	129.58	145.55	\$ 117	\$ 17,029	\$ 108,493	\$ 401,690	\$ 19,910	\$ 33,008	\$ 563,101

Variance FY 2022	Non Participating Delivery Revenue						Operating Expenses					
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	1.33	-	5.27	63.16	69.76	\$ -	\$ 8,162	\$ (2,896)	\$ (291,762)	\$ (7,673)	\$ 31,907	\$ (270,424)
August	4.95	-	4.42	66.42	75.79	\$ -	\$ 8,867	\$ (3,168)	\$ (386,391)	\$ (10,369)	\$ 1,102	\$ (398,826)
September												
October												
November												
December												
January												
February												
March												
April												
May												
June												
YTD	6.28	-	9.69	129.58	145.55	\$ -	\$ 17,029	\$ (6,064)	\$ (678,154)	\$ (18,042)	\$ 33,008	\$ (669,251)

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report
 CSWS Recycling Transportation

[Narrative](#)

Period Ending:

August 31, 2021

Budget FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	Expense
July	712.00	\$ 22.78	\$ 16,219	720.90	\$ 37.49	\$ 27,027	658.60	\$ 23.82	\$ 15,688	\$ 58,934
August	672.00	\$ 22.78	\$ 15,308	680.40	\$ 37.49	\$ 25,508	621.60	\$ 23.82	\$ 14,807	\$ 55,623
September	640.00	\$ 22.78	\$ 14,579	648.00	\$ 37.49	\$ 24,294	592.00	\$ 23.82	\$ 14,101	\$ 52,974
October	688.00	\$ 22.78	\$ 15,673	696.60	\$ 37.49	\$ 26,116	636.40	\$ 23.82	\$ 15,159	\$ 56,947
November	640.00	\$ 22.78	\$ 14,579	648.00	\$ 37.49	\$ 24,294	592.00	\$ 23.82	\$ 14,101	\$ 52,974
December	712.00	\$ 22.78	\$ 16,219	720.90	\$ 37.49	\$ 27,027	658.60	\$ 23.82	\$ 15,688	\$ 58,934
January	672.00	\$ 22.78	\$ 15,308	680.40	\$ 37.49	\$ 25,508	621.60	\$ 23.82	\$ 14,807	\$ 55,623
February	536.00	\$ 22.78	\$ 12,210	542.70	\$ 37.49	\$ 20,346	495.80	\$ 23.82	\$ 11,810	\$ 44,366
March	600.00	\$ 22.78	\$ 13,668	607.50	\$ 37.49	\$ 22,775	555.00	\$ 23.82	\$ 13,220	\$ 49,663
April	688.00	\$ 22.78	\$ 15,673	696.60	\$ 37.49	\$ 26,116	636.40	\$ 23.82	\$ 15,159	\$ 56,947
May	720.00	\$ 22.78	\$ 16,402	729.00	\$ 37.49	\$ 27,330	666.00	\$ 23.82	\$ 15,864	\$ 59,596
June	720.00	\$ 22.78	\$ 16,402	729.00	\$ 37.49	\$ 27,330	666.00	\$ 23.82	\$ 15,864	\$ 59,596
YTD	1,384.00	22.78	31,528	1,401.30	37.49	52,535	1,280.20	23.82	30,494	\$ 114,557

Actual FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	Expense
July	605.87	\$ 22.28	\$ 13,499	782.64	\$ 38.30	\$ 29,975	538.30	\$ 23.34	\$ 12,564	\$ 56,038
August	562.73	\$ 22.32	\$ 12,560	715.35	\$ 38.38	\$ 27,455	532.08	\$ 23.38	\$ 12,440	\$ 52,455
September			\$ -			\$ -			\$ -	\$ -
October			\$ -			\$ -			\$ -	\$ -
November			\$ -			\$ -			\$ -	\$ -
December			\$ -			\$ -			\$ -	\$ -
January			\$ -			\$ -			\$ -	\$ -
February			\$ -			\$ -			\$ -	\$ -
March			\$ -			\$ -			\$ -	\$ -
April			\$ -			\$ -			\$ -	\$ -
May			\$ -			\$ -			\$ -	\$ -
June			\$ -			\$ -			\$ -	\$ -
YTD	1,168.60	22.2992617	26,059	1,497.99	38.3382032	57,430	1,070.38	23.3598838	25,004	\$ 108,493

Variance FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	Expense
July	(106.13)	(0.50)	(2,721)	61.74	0.81	2,949	(120.30)	(0.48)	(3,124)	(2,896)
August	(109.27)	(0.46)	(2,748)	34.95	0.89	1,947	(89.52)	(0.44)	(2,366)	(3,168)
September										
October										
November										
December										
January										
February										
March										
April										
May										
June										
YTD	(215.40)	(0.48)	(5,469)	96.69	0.85	4,896	(209.82)	(0.46)	(5,490)	(6,064)

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report
 CSWS Recycling Contract Operating

[Narrative](#)

Period Ending:

August 31, 2021

Budget FY 2022	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	2,888.05	\$ 30.00	\$ 86,642	4,895.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 417,440	\$ 50,000	\$ 554,081
August	2,725.80	\$ 30.00	\$ 81,774	4,620.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 393,988	\$ 50,000	\$ 525,762
September	2,596.00	\$ 30.00	\$ 77,880	4,400.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 375,227	\$ 50,000	\$ 503,107
October	2,790.70	\$ 30.00	\$ 83,721	4,730.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 403,369	\$ 50,000	\$ 537,090
November	2,596.00	\$ 30.00	\$ 77,880	4,400.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 375,227	\$ 50,000	\$ 503,107
December	2,888.05	\$ 30.00	\$ 86,642	4,895.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 417,440	\$ 50,000	\$ 554,081
January	2,725.80	\$ 30.00	\$ 81,774	4,620.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 393,988	\$ 50,000	\$ 525,762
February	2,174.15	\$ 30.00	\$ 65,225	3,685.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 314,252	\$ 50,000	\$ 429,477
March	2,433.75	\$ 30.00	\$ 73,013	4,125.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 351,775	\$ 50,000	\$ 474,787
April	2,790.70	\$ 30.00	\$ 83,721	4,730.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 403,369	\$ 50,000	\$ 537,090
May	2,920.50	\$ 30.00	\$ 87,615	4,950.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 422,130	\$ 50,000	\$ 559,745
June	2,920.50	\$ 30.00	\$ 87,615	4,950.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 422,130	\$ 50,000	\$ 559,745
YTD	5,614	30.00	168,416	9,515	\$ 85.00	\$ 0.28	\$ 85.28	811,428	100,000	\$ 1,079,843

Actual FY 2022	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	4,080.59	\$ 30.00	\$ 122,418	4,116.36	\$ 85.00	\$ (63.16)	\$ 21.84	\$ 89,901	\$ 50,000	\$ 262,319
August	2,237.66	\$ 30.00	\$ 67,130	4,043.77	\$ 85.00	\$ (79.50)	\$ 5.50	\$ 22,241	\$ 50,000	\$ 139,371
September			\$ -				\$ -	\$ -		\$ -
October			\$ -				\$ -	\$ -		\$ -
November			\$ -				\$ -	\$ -		\$ -
December			\$ -				\$ -	\$ -		\$ -
January			\$ -				\$ -	\$ -		\$ -
February			\$ -				\$ -	\$ -		\$ -
March			\$ -				\$ -	\$ -		\$ -
April			\$ -				\$ -	\$ -		\$ -
May			\$ -				\$ -	\$ -		\$ -
June			\$ -				\$ -	\$ -		\$ -
YTD	6,318.25	30	189,548	8,160.13	\$ 85.00	\$ 71.26	\$ 13.74	112,142	100,000	\$ 401,690

Variance FY 2022	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	1,192.54	-	35,776	(778.64)	-	(63.44)	(63.44)	(327,538)	-	(291,762)
August	(488.14)	-	(14,644)	(576.23)	-	(79.78)	(79.78)	(371,747)	-	(386,391)
September										
October										
November										
December										
January										
February										
March										
April										
May										
June										
YTD	704	-	21,132	(1,355)	-	70.98	(71.54)	(699,285)	-	(678,154)

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report
 CSWS Metal Recovery Operations

[Narrative](#)

Period Ending: **August 31, 2021**

Budget FY 2022	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
August	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
September	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
October	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
November	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
December	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
January	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
February	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
March	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
April	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
May	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
June	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
YTD	58.33	\$ 38.57	\$ -	\$ 38.57	2,250	83.33	\$ 110.00	\$ -	\$ 110.00	9,167	\$ 11,417

Actual FY 2022	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	90.16	\$ 110.00	\$ 28.00	\$ 138.00	\$ 12,442	11.03	\$ 165.00	\$ 65.84	\$ 230.84	\$ 2,546	\$ 14,988
August	94.67	\$ 110.00	\$ 10.50	\$ 120.50	\$ 11,408	47.15	\$ 165.00	\$ 54.17	\$ 219.17	\$ 10,334	\$ 21,742
September				\$ -	\$ -				\$ -	\$ -	\$ -
October				\$ -	\$ -				\$ -	\$ -	\$ -
November				\$ -	\$ -				\$ -	\$ -	\$ -
December				\$ -	\$ -				\$ -	\$ -	\$ -
January				\$ -	\$ -				\$ -	\$ -	\$ -
February				\$ -	\$ -				\$ -	\$ -	\$ -
March				\$ -	\$ -				\$ -	\$ -	\$ -
April				\$ -	\$ -				\$ -	\$ -	\$ -
May				\$ -	\$ -				\$ -	\$ -	\$ -
June				\$ -	\$ -				\$ -	\$ -	\$ -
YTD	184.83		\$ 129.04	\$ 129.04	23,849.82	58.18		\$ 221.38	\$ 221.38	12,880.03	\$ 36,730

Variance FY 2022	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	60.99	71.43	28.00	99.43	11,317.08	(30.64)	55.00	65.84	120.84	(2,037.17)	9,279.91
August	65.50	71.43	10.50	81.93	10,282.74	5.48	55.00	54.17	109.17	5,750.53	16,033.27
September											
October											
November											
December											
January											
February											
March											
April											
May											
June											
YTD	126.50	(38.57)	129.04	90.47	21,599.82	(25.15)	(110.00)	221.38	111.38	3,713.36	25,313.18

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report

Narrative

Property Division Monthly Financial Report

Period Ending: August 31, 2021

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
Jets Electric:								
Capacity Payments	\$ 687,671	\$ 687,671	\$ -	0.0%	\$ 1,375,342	\$ 1,375,342	\$ -	0.0%
VARS Payments	\$ 3,184	\$ 2,819	\$ (365)	-11.5%	\$ 6,368	\$ 5,724	\$ (644)	-10.1%
Reserve Credits	\$ 37,500	\$ 75,575	\$ 38,075	101.5%	\$ 75,000	\$ 138,597	\$ 63,597	84.8%
Real Time Energy	\$ 50,000	\$ 291,798	\$ 241,798	483.6%	\$ 100,000	\$ 392,842	\$ 292,842	292.8%
Total Jets Electric	\$ 778,355	\$ 1,057,863	\$ 279,508	35.9%	\$ 1,556,710	\$ 1,912,505	\$ 355,795	22.9%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 1,664	\$ 0	0.0%	\$ 3,328	\$ 3,328	\$ 1	0.0%
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ -	0.0%	\$ 76,158	\$ 76,158	\$ -	0.0%
Jets Billboard	\$ -	\$ 7,558	\$ 7,558	n/a	\$ 45,350	\$ 17,558	\$ (27,792)	-61.3%
Total Lease Income	\$ 39,743	\$ 47,301	\$ 7,558	19.0%	\$ 124,836	\$ 97,044	\$ (27,792)	-22.3%
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	\$ 818,098	\$ 1,105,164	\$ 287,066	35.1%	\$ 1,681,546	\$ 2,009,549	\$ 328,004	19.5%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 16,771	\$ 789	\$ 15,982	95.3%	\$ 33,542	\$ 2,019	\$ 31,523	94.0%
MIRA Allocated Costs	\$ 64,295	\$ 65,444	\$ (1,149)	-1.8%	\$ 128,590	\$ 156,792	\$ (28,202)	-21.9%
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	\$ 2,269	\$ 680	\$ 1,589	70.0%	\$ 4,538	\$ 1,656	\$ 2,882	63.5%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 140,877	\$ 60,137	\$ 80,740	57.3%	\$ 315,754	\$ 359,694	\$ (43,940)	-13.9%
TOTAL ACCRUED EXPENDITURES	\$ 224,212	\$ 127,050	\$ 97,162	43.3%	\$ 492,924	\$ 530,211	\$ (37,287)	-7.6%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 593,886	\$ 978,114	\$ 384,228	64.7%	\$ 1,188,622	\$ 1,479,338	\$ 290,717	24.5%
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)	\$ 593,886	\$ 978,114	\$ 384,228	64.7%	\$ 1,188,622	\$ 1,479,338	\$ 290,717	24.5%

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report

[Narrative](#)

Property Division and CSWS Flow of Funds

Period Ending: **August 31, 2021**
 Transfer Date: **September 6, 2021**
 Funding: **October**

Property Division Receipts	Beginning Balance	Interest (+)	Receipts (-)	Adjustments (+/-)	Net Receipts to Distribution (-)	Ending Balance
Clearing Account	\$ 1,000.00		\$ 861,953.72		\$ 861,953.72	\$ 1,000.00
Property Division Disbursements						
Property Division Disbursements	Beginning Balance	Interest (+)	Expenditures (-)	Adjustments (+/-)	Distribution of Net Receipts (+/-)	Ending Balance
Operating Fund	\$ 1,700,611.29	\$ 218.18	\$ 371,753.86		\$ 249,836.82	\$ 1,578,912.43
PD General Fund	\$ 11,064,740.39	\$ 913.13				\$ 11,065,653.52
PD Improvement Fund	\$ 260,179.85					\$ 260,179.85
Jets Major Maintenance	\$ 964,000.00					\$ 964,000.00
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				\$ 612,116.90	Combined Below
Total	\$ 13,989,531.53	\$ 1,131.31	\$ 371,753.86	\$ -	\$ 861,953.72	\$ 13,868,745.80
CSWS Division Receipts						
CSWS Division Receipts	Beginning Balance	Interest (+)	Receipts (+)	Adjustments (+/-)	Net Receipts to Distribution (-)	Ending Balance
Clearing Account	\$ 40,000.00		\$ 5,293,380.53		\$ 5,293,380.53	\$ 40,000.00
CSWS Division Disbursements						
CSWS Division Disbursements	Beginning Balance	Interest (+)	Expenditures (-)	Adjustments (+/-)	Distribution of Net Receipts (+/-)	Ending Balance
Operating STIF	\$ 8,422,748.45	\$ 581.96	\$ 3,964,336.56		\$ 5,448,314.86	\$ 9,907,308.71
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
General Fund	\$ 1,101.10	\$ 0.04				\$ 1,101.14
CSWS Risk Fund	\$ 897,244.35	\$ 74.05				\$ 897,318.40
CSWS Legal Fund	\$ 639,168.77	\$ 52.77				\$ 639,221.54
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below				\$ 100,000.00	Combined Below
CSWS Major Maintenance	Combined Below				\$ 800,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (1,054,934.33)	Combined Below
Total	\$ 9,964,137.68	\$ 708.82	\$ 3,964,336.56	\$ -	\$ 5,293,380.53	\$ 11,448,824.80
Combined						
Severance Fund	\$ 2,541,545.64	\$ 209.75				\$ 2,541,755.39
CSWS Improvement Fund	\$ 219,447.51				\$ 100,000.00	\$ 319,447.51
CSWS Major Maintenance	\$ 3,538,431.25	\$ 246.26	\$ 1,661,461.79		\$ 800,000.00	\$ 2,677,215.72
CSWS Tip Fee Stabilization	\$ 443,787.00	\$ 30.43			\$ (442,817.43)	\$ 1,000.00
Other Division Balances						
Other Division Balances	Beginning Balance	Interest (+)	Receipts (+)	Expenditures (-)	Adjustments (+/-)	Ending Balance
General Fund Checking	\$ 1,049,532.40		\$ 350,322.18	\$ 256,249.00		\$ 1,143,605.58
Hartford Solar Reserve	\$ 334,989.21	\$ 27.64				\$ 335,016.85
Pollution Insurance Reserve	\$ -					\$ -
Landfill Operating Account	\$ 2,058,927.96		\$ 37,730.00	\$ 19,018.00		\$ 2,077,639.96

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.
- The CSWS Operating STIF account was short funded by \$1,145,815.18 due to a shortfall from August cash receipts and a lack of unencumbered funds in the CSWS Tip Fee Stabilization reserve.
- The YTD CSWS Operating STIF account has been short funded by \$1,380,636.51
- After the distribution of August receipts, \$63,238,513.96 remained due to the Tip Fee Stabilization Fund from the CSWS.
- YTD \$2,487,728.49 has been contributed to the CSWS Tip Fee Stabilization reserve from receipts.

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report
 CSWS Improvement Fund Status

Narrative

Period Ending: 08/31/21

Page 12 of 14 Pages

	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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watertown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS IMPROVEMENT FUND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Materials Innovation and Recycling Authority
 FY 2022 Board of Directors Financial Report
 CSWS Major Maintenance Fund Status

Narrative

Period Ending: 08/31/21

Page 13 of 14 Pages

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ (681)	\$ 681	\$ -	\$ (681)	\$ 681
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	\$ -	\$ 65,000
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ 65,000	\$ (681)	\$ 65,681	\$ 65,000	\$ (681)	\$ 65,681
POWER BLOCK FACILITY						
Boiler 11	\$ 175,000	\$ 168,955	\$ 6,045	\$ 575,000	\$ 568,955	\$ 6,045
Boiler 12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 13	\$ -	\$ (22,530)	\$ 22,530	\$ -	\$ (22,530)	\$ 22,530
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ 400,000	\$ 180,432	\$ 219,568	\$ 475,000	\$ 259,432	\$ 215,568
Auxiliary Systems	\$ 100,000	\$ (768)	\$ 100,768	\$ 150,000	\$ (768)	\$ 150,768
Building Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ 49,500	\$ 500
Roof Repairs	\$ 75,000	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ 75,000
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ 57,010	\$ (57,010)	\$ -	\$ 57,010	\$ (57,010)
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ 750,000	\$ 383,099	\$ 366,901	\$ 1,325,000	\$ 911,599	\$ 413,401
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS MAJOR MAINTENANCE FUND	\$ 815,000	\$ 382,418	\$ 432,582	\$ 1,390,000	\$ 910,918	\$ 479,082

**Materials Innovation and Recycling Authority
FY 2022 Board of Directors Financial Report**

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.

Segmented Income Statement

DRAFT

Period Ending: August 31, 2021

	Connecticut						Eliminations	Total
	General Fund	Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division		
Operating Revenues								
Service charges:								
Members	\$ -	\$ 7,154	\$ -	\$ -	\$ -			\$ 7,154
Others	-	1,066	-	-	-			1,066
Energy sales	-	2,703	-	-	1,913	22		4,638
Other operating revenues	-	121	-	-	97	-		218
Total Operating Revenues	-	11,044	-	-	2,010	22		13,076
Operating Expenses								
Solid waste operations	-	8,204	-	-	354	105	0	8,663
Maintenance and utilities	-	1,128	-	-	55	-		1,183
Legal services - external	-	26	-	-	-	-		26
Administrative and Operational services	-	639	-	-	154	14		827
Total Operating Expenses	-	10,017	-	-	563	119		10,699
Operating Income (Loss) before Depreciation and Amortization	-	1,027	-	-	1,447	(97)		2,377
Depreciation and amortization	-	-	-	-	-	-	0	-
Operating Income (Loss)	-	1,027	-	-	1,447	(97)		2,377
Non-Operating Revenues (Expenses)								
Investment income	-	-	-	-	-	-	-	-
Settlement income (expenses)	-	-	-	-	-	-	-	-
Other income (expenses)	-	-	2	-	-	-	-	2
Distribution to SCRRA	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses), net	-	-	2	-	-	-	-	2
Income (Loss) before Transfers	-	1,027	2	-	1,447	(97)		2,379
Transfers in (out)	-	-	-	-	-	-	0	-
Change in Net Position	-	1,027	2	-	1,447	(97)		2,379
Total Net Position, beginning of period	3,426	(10,967)	0	-	57,700	20,621		70,780
Total Net Position, end of period	\$ 3,426	\$ (9,940)	\$ 2	\$ -	\$ 59,147	\$ 20,524	\$ -	\$ 73,159
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves	-	911	0	-	32	-		943
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	-	-	-	-	-	-		-
Other	-	-	-	-	-	-		-
Operating Income (Loss) per Variance report	n/a	1,938	n/a	n/a	1,479	n/a	n/a	3,417

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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.
 Other: Sept20 - RBC's were billed and in the GL for Sept20 s/b/b billed in October20.

THE AUTHORITY - FINANCIAL RESULTS
For the Period Ending August 31, 2021

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
Authority Budget								
Personnel Services (a)	\$ 195,983	\$ 213,503	\$ (17,520)	-8.94%	\$ 391,966	\$ 366,233	\$ 25,733	6.57%
Non-Personnel Services (b)	\$ 54,281	\$ 42,745	\$ 11,536	21.25%	\$ 108,562	\$ 263,360	\$ (154,798)	-142.59%
Total Authority Budget	\$ 250,264	\$ 256,249	\$ (5,985)	-2.39%	\$ 500,528	\$ 629,593	\$ (129,065)	-25.79%
LESS: STIF Interest Income	\$ -	\$ -	\$ -	100.00%	\$ -	\$ -	\$ -	100.00%
TOTAL AUTHORITY BUDGET ALLOCATED	\$ 250,264	\$ 256,249	\$ (5,985)	-2.39%	\$ 500,528	\$ 629,593	\$ (129,065)	-25.79%
Authority Budget Allocation								
Landfill Division	\$ 6,033	\$ 6,178	\$ (145)	-2.41%	\$ 12,066	\$ 15,179	\$ (3,113)	-25.80%
Property Division	\$ 55,001	\$ 56,316	\$ (1,315)	-2.39%	\$ 110,002	\$ 138,366	\$ (28,364)	-25.78%
CSWS Division	\$ 189,230	\$ 193,755	\$ (4,525)	-2.39%	\$ 378,460	\$ 476,048	\$ (97,588)	-25.79%
TOTAL AUTHORITY BUDGET ALLOCATED	\$ 250,264	\$ 256,249	\$ (5,985)	-2.39%	\$ 500,528	\$ 629,593	\$ (129,065)	-25.79%
MIRA Direct Personnel								
Landfill Division	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Property Division	\$ 9,293	\$ 9,129	\$ 164	1.77%	\$ 18,586	\$ 18,426	\$ 160	0.86%
CSWS Division	\$ 113,235	\$ 106,906	\$ 6,329	5.59%	\$ 226,470	\$ 216,509	\$ 9,961	4.40%
TOTAL MIRA DIRECT	\$ 122,528	\$ 116,035	\$ 6,493	5.30%	\$ 245,056	\$ 234,936	\$ 10,120	4.13%
Total Allocation								
Landfill Division	\$ 6,033	\$ 6,178	\$ (145)	-2.41%	\$ 12,066	\$ 15,179	\$ (3,113)	-25.80%
Property Division	\$ 64,294	\$ 65,444	\$ (1,150)	-1.79%	\$ 128,588	\$ 156,792	\$ (28,204)	-21.93%
CSWS Division	\$ 302,465	\$ 300,660	\$ 1,805	0.60%	\$ 604,930	\$ 692,557	\$ (87,627)	-14.49%
TOTAL AUTHORITY & MIRA DIRECT	\$ 372,792	\$ 372,283	\$ 509	0.14%	\$ 745,584	\$ 864,528	\$ (118,944)	-15.95%

YTD VARIANCE EXPLANATION

- (a) Favorable due to lower than budgeted direct and indirect labor & benefits allocation related to the following:
- reversal of accrued FY21 Payroll expenditure of approximately \$34k
 - lower than budgeted salaries and benefits due to an employee who is on medical leave and receiving disability compensation
 - lower than budgeted employee medical insurance premium
 - offset by payment of accrued leave for two employees that resigned at the end of July 2021.
- (b) Unfavorable primarily due to higher than budgeted insurance premium.



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**Materials Innovation & Recycling Authority
Connecticut**

For its Comprehensive Annual
Financial Report
For the Fiscal Year Ended

June 30, 2020

Christopher P. Morill

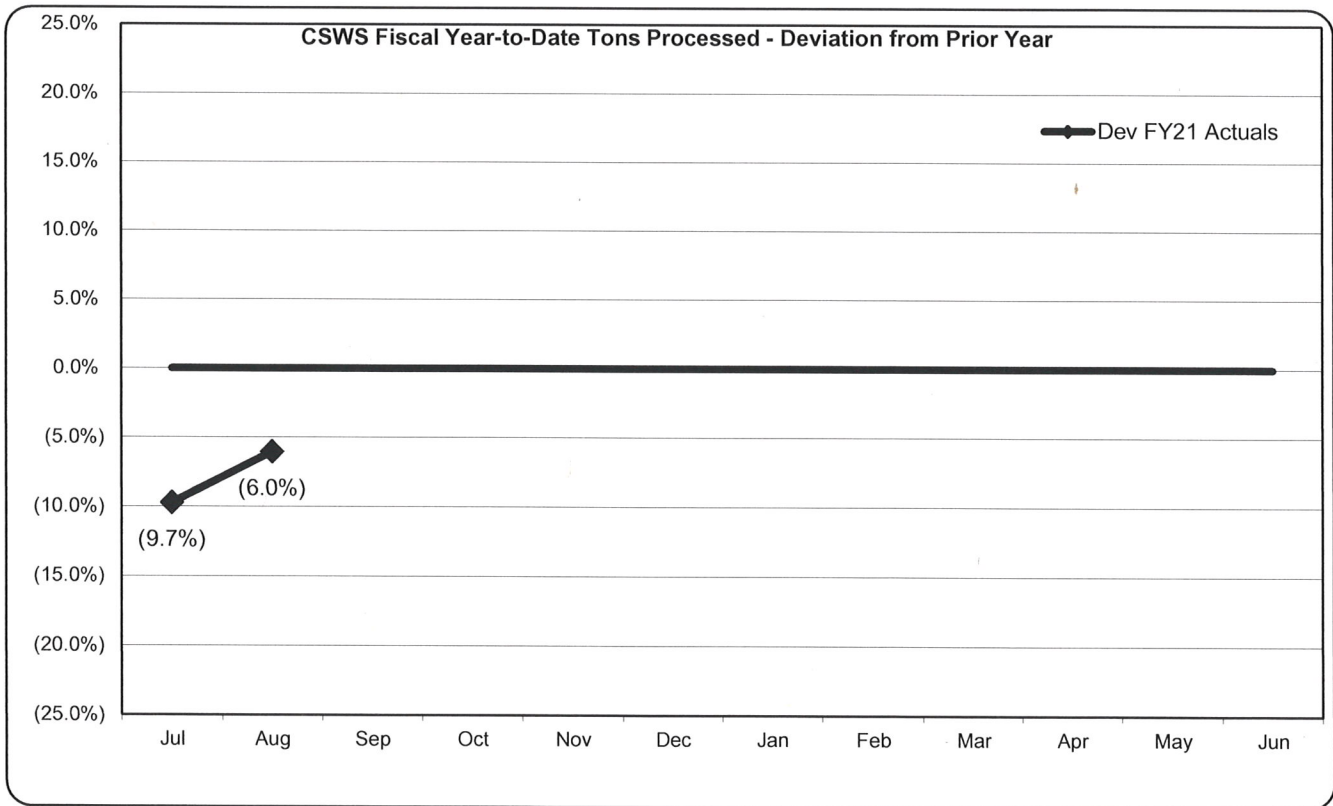
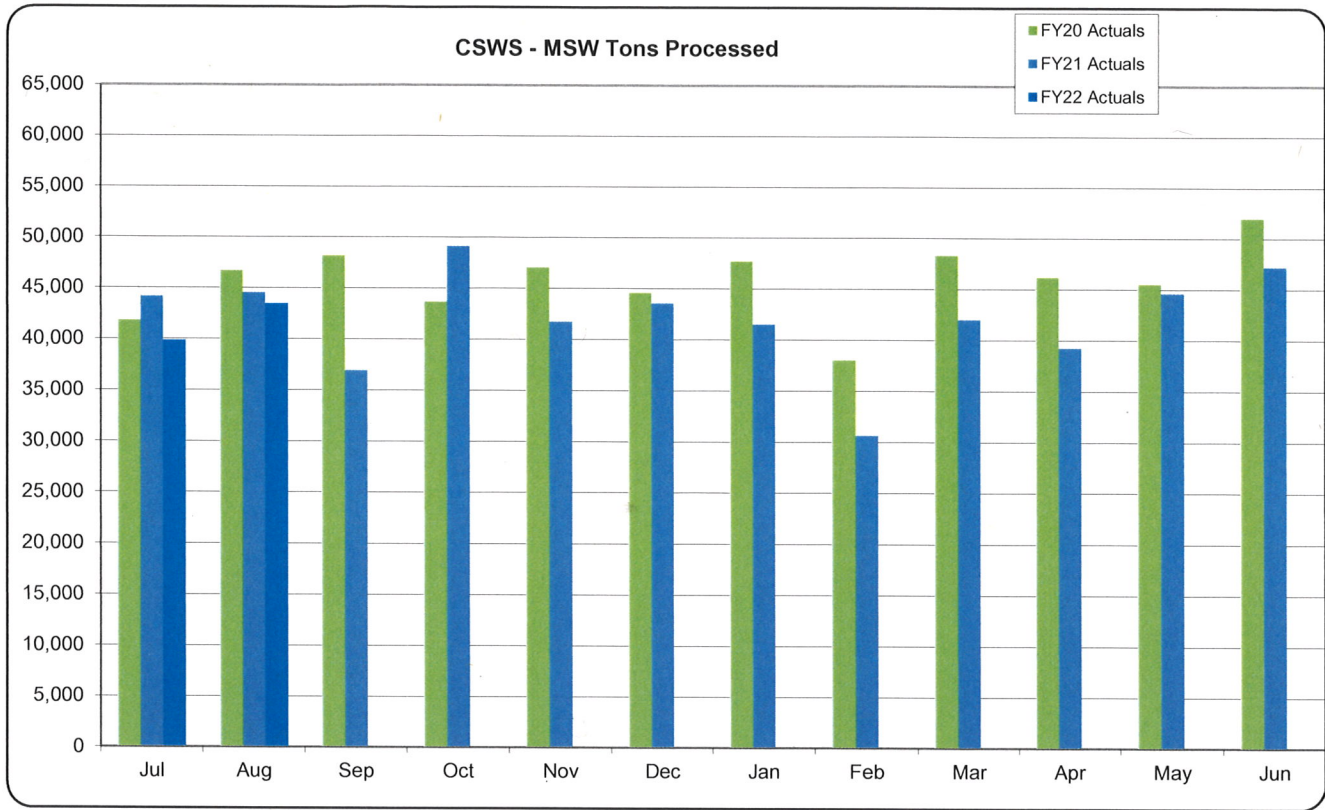
Executive Director/CEO

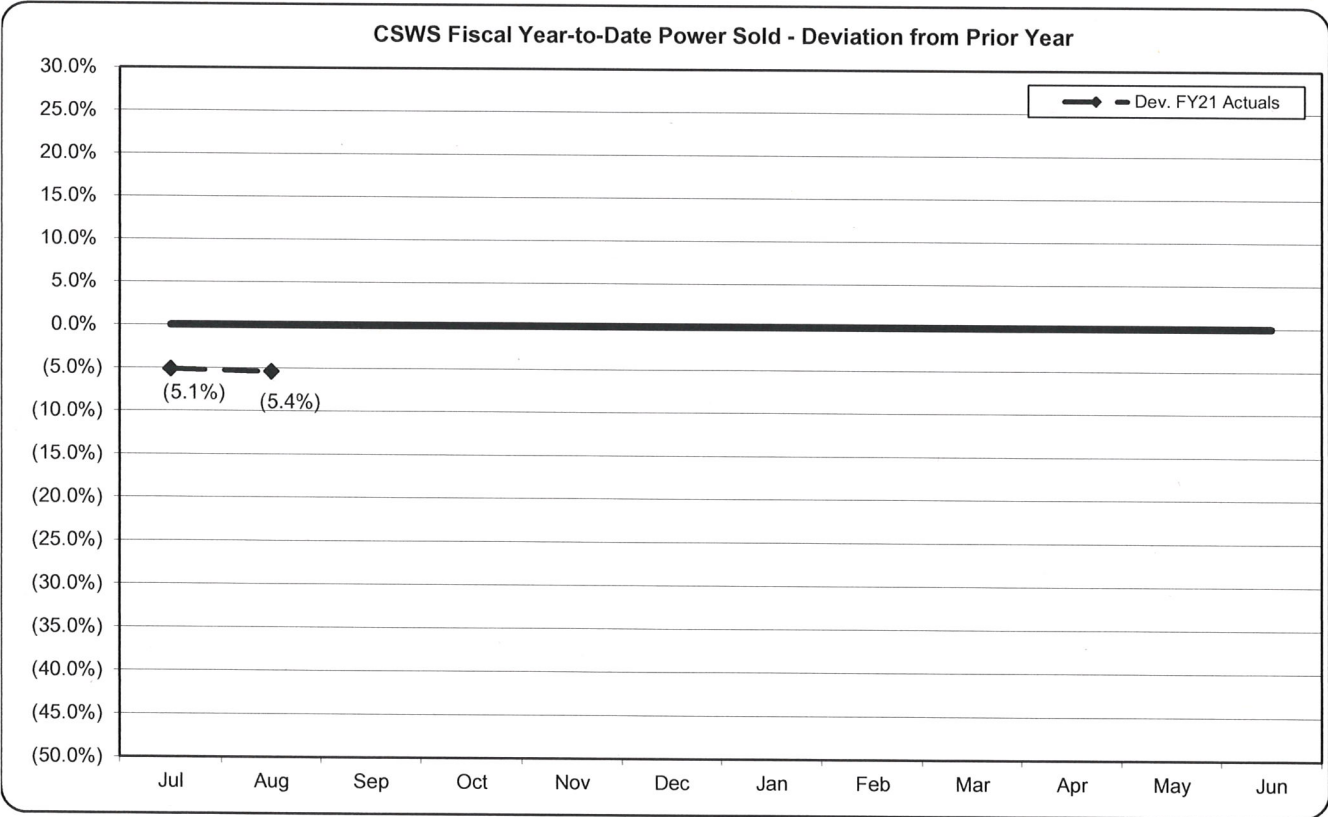
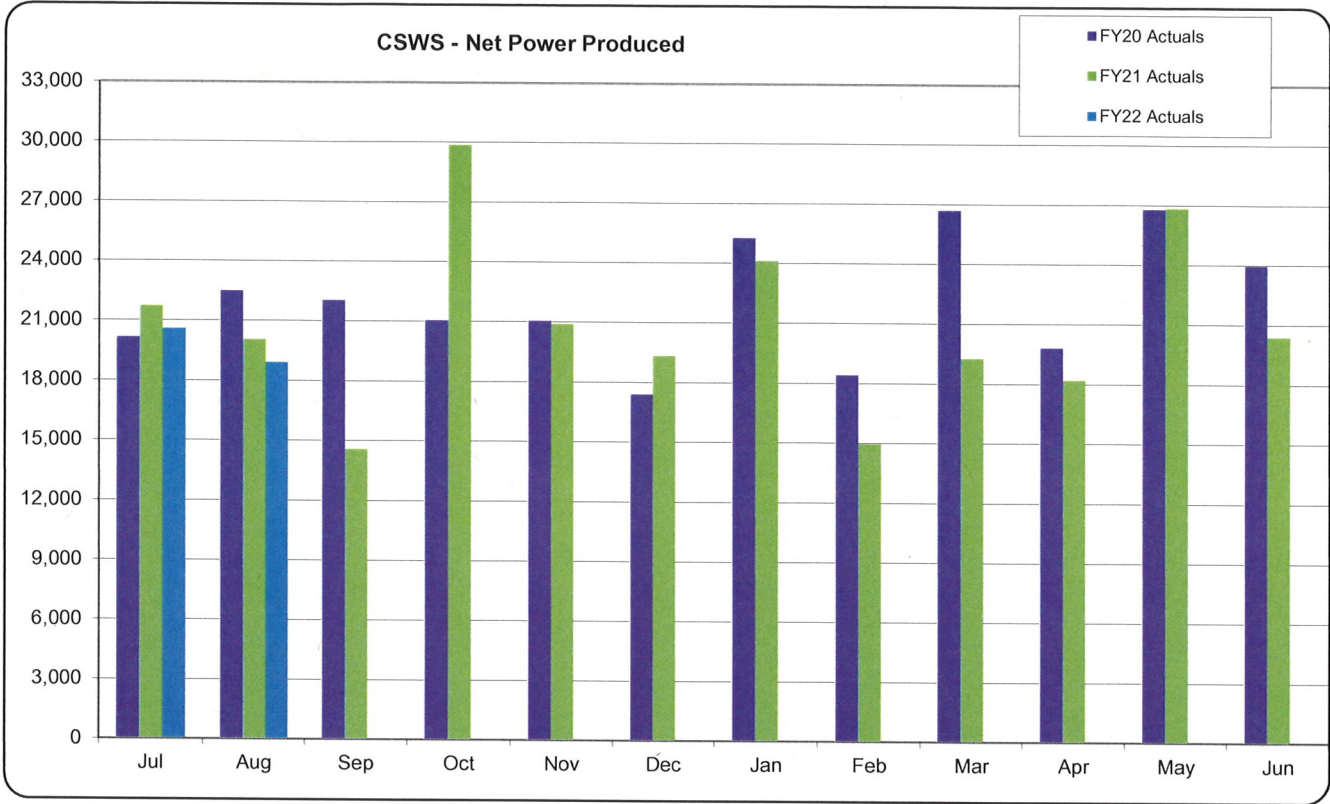
TAB B

MATERIALS INNOVATION AND RECYCLING AUTHORITY
Monthly Operational Summary
August-21

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		
	2020	2021	Change	2021	2022	Change	Aug 20	Aug 21	Change
CSWS									
Tons MSW Processed	549,717	505,335	(8.1%)	88,674	83,324	(6.0%)	44,525	43,471	(2.4%)
Steam (klbs)	3,264,837	3,096,441	(5.2%)	559,547	491,710	(12.1%)	275,616	247,293	(10.3%)
(% MCR)	53.8%	51.0%		54.3%	47.7%		53.5%	48.0%	
Power (Net MWh)	272,358	250,166	(8.1%)	41,754	39,487	(5.4%)	20,052	18,902	(5.7%)
South Meadow Jets									
Net MWh	1,616	1,694	4.8%	865	869	0.5%	389	618	100.0%





CSWS Waste to Energy Plant Monthly Operational Summary

Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Aug 21	16%	60%	68%

Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/06/21	07/07/21	11	30.40	Entire Plant Tripped- Bus #2 ID Fan #12 Breaker Failure
07/08/21	07/09/21	11	41.20	Gen. Bank Tube Leaks
07/29/21	07/29/21	11	12.40	Fire On- Site- RDF Conveyor Line
07/30/21	07/31/21	11	48.00	Fire Damage on RDF Feed System/ Furnace Tube Leaks
08/01/21	08/05/21	11	110.20	Fire Damage on RDF Feed System/ Furnace Tube Leaks
08/19/21	08/25/21	11	158.60	Waterwall Leaks
08/26/21	08/31/21	11	144.00	Gen. Bank Tube Leaks
07/01/21	07/04/21	12	84.70	Large Furnance Slag Rock on B Grate
07/07/21	07/30/21	12	565.90	Failed ID Fan Bus # 2 Breaker and Failed ID Fan Drive Motor
08/05/21	08/07/21	12	54.20	Waterwall Furnace Tube Leaks
08/19/21	08/21/21	12	40.50	Furnace Slag Broke Grate
07/01/21	07/01/21	13	22.20	Low RDF Inventory
07/06/21	07/07/21	13	17.40	Entire Plant Tripped- Bus #2 ID Fan #12 Breaker Failure
07/29/21	07/31/21	13	10.80	Fire On- Site- RDF Conveyor Line

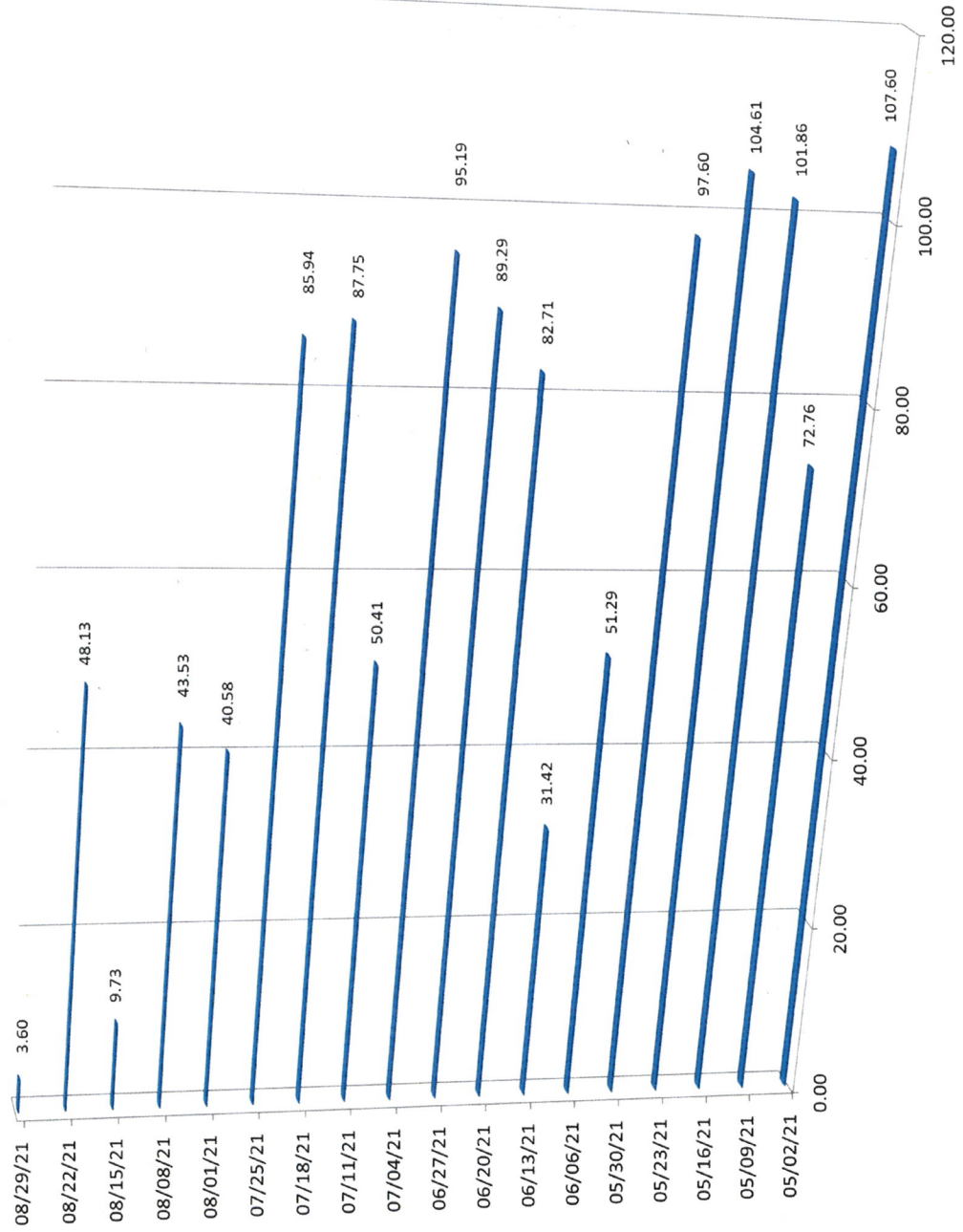
Scheduled Downtime

07/05/21	07/06/21	12	48.00	Scheduled Cleaning Outage
08/08/21	08/15/21	11	169.00	IRIS Testing on Gen. Bank Tube Leaks
08/15/21	08/20/21	13	122.20	Scheduled Cleaning Outage

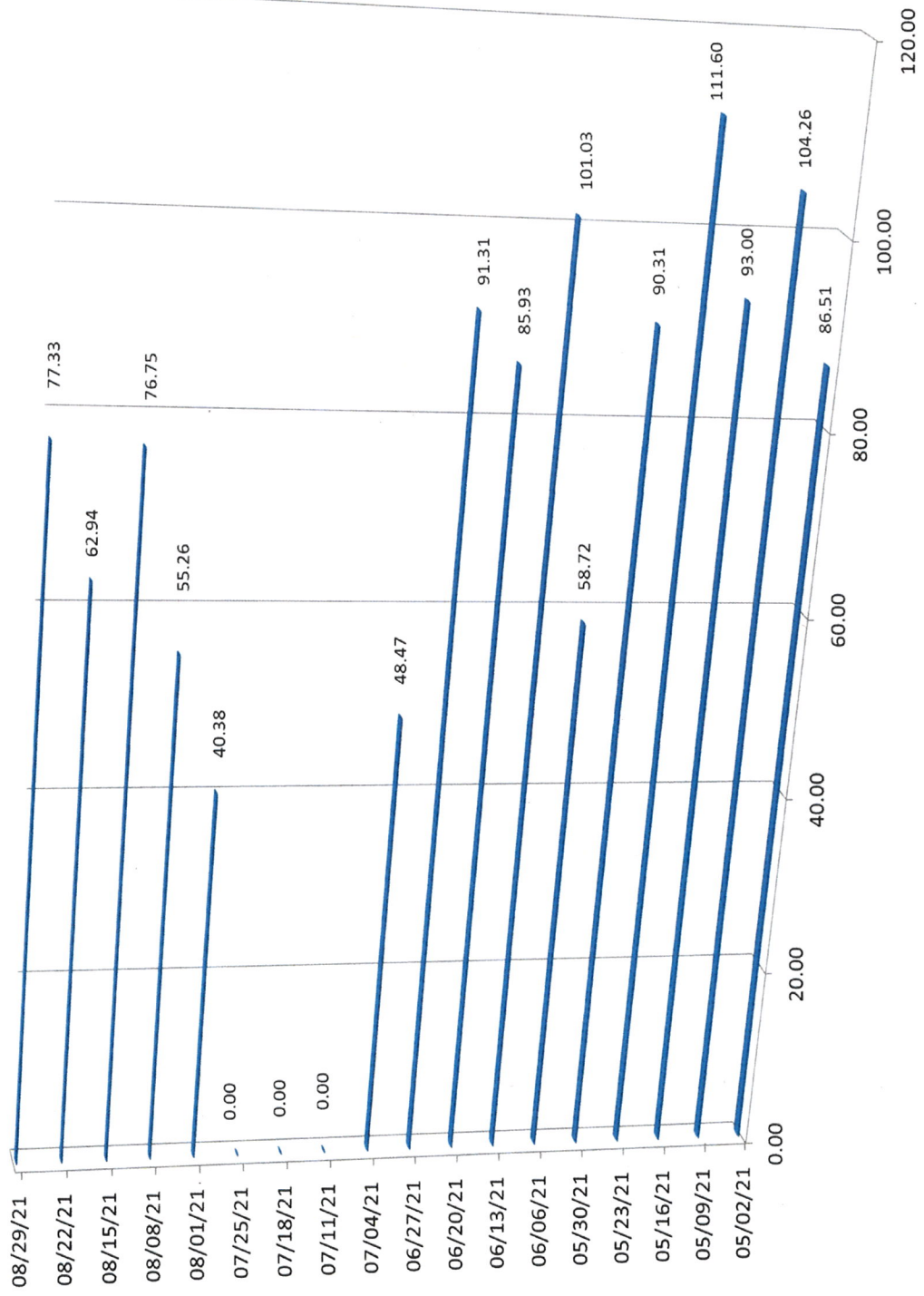
SOUTH MEADOWS JETS
Monthly Operational Summary

Date	Net Generation (MWH)	Comment
07/07/21	149.25	ISO-NE Dispatch Units 11, 12, 14
07/15/21	59.04	Summer CCA Testing
07/17/21	42.91	ISO-NE Dispatch Units 11, 12, 14
08/18/21	48.34	ISO-NE Dispatch Unit 13
08/24/21	157.43	ISO-NE Dispatch Units 11, 12, 13, 14
08/25/21	275.80	ISO-NE Dispatch Units 11, 13, 14 & Vibration Test Unit 12
08/26/21	136.31	ISO-NE Dispatch Units 11, 13, 14

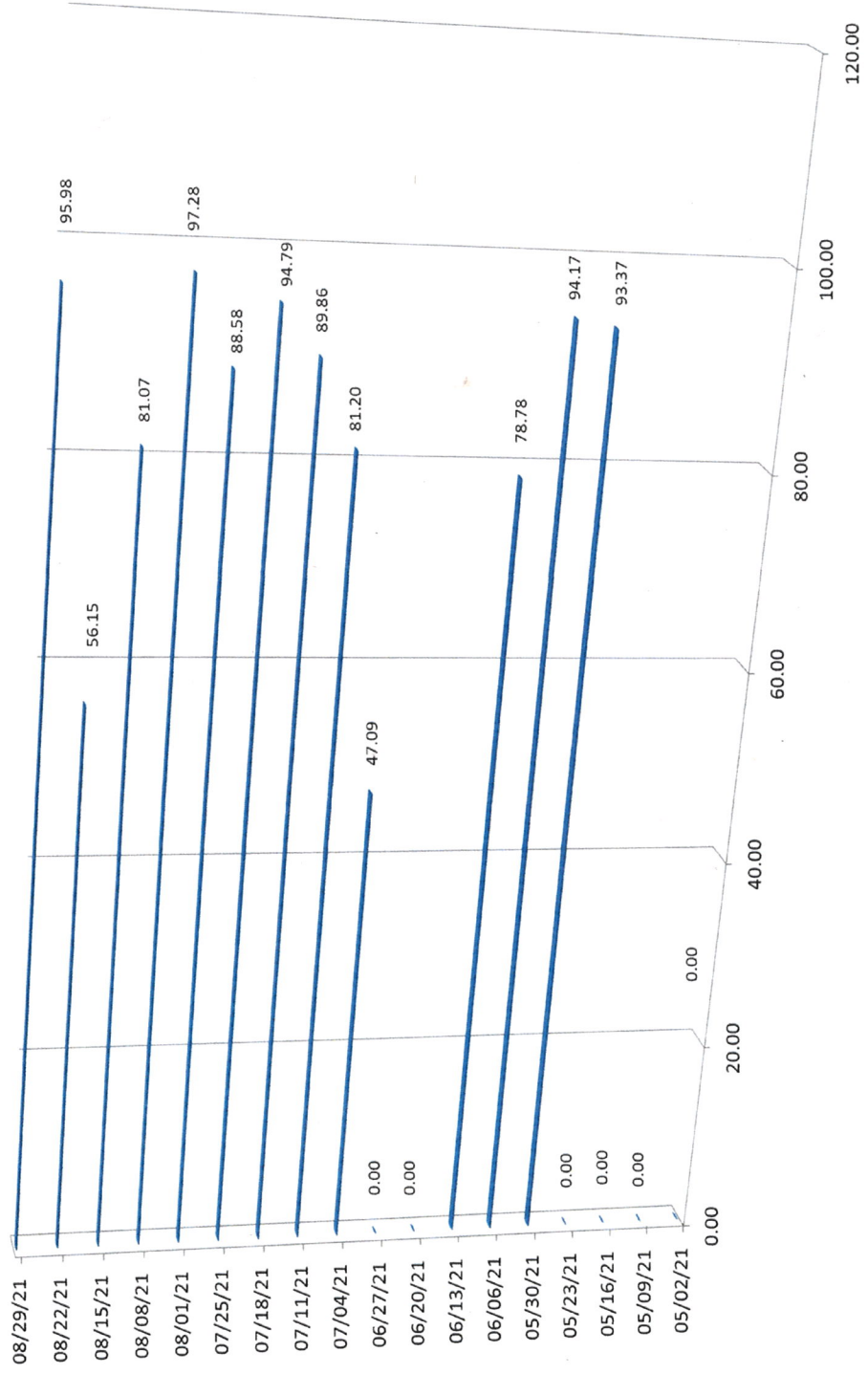
BLR#11 Steam Flow % of Target Steam flow Production



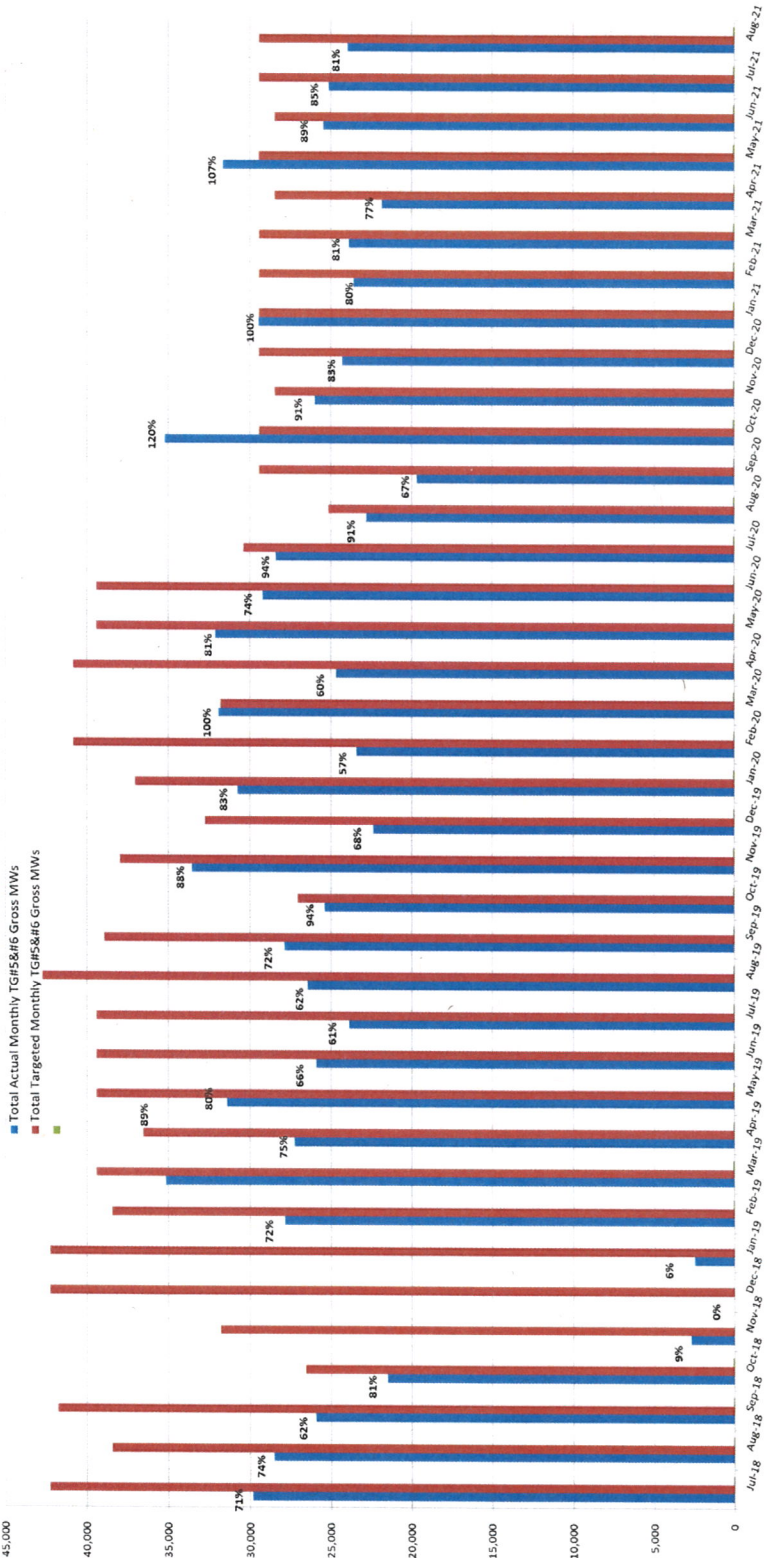
BLR#12 Steam Flow % of Target Steam flow Production



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-21

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth
CSWS MSW									
Tier 1	391,251	400,941	2%	69,455	65,706	(5%)	34,164	32,178	(6%) (1)
Tier 2	13,013	13,580	4%	2,445	2,390	(2%)	1,180	1,174	(0%) (1)
Non-Processible MSW	2,637	2,946	12%	326	486	49%	179	183	2% (1)
Hauler Contract	114,976	64,521	(44%)	13,277	9,792	(26%)	7,054	4,788	(32%)
Contract (FCR Residue)	11,723	7,736	(34%)	1,241	0	(100%)	819	0	(100%) (1)
Ferrous Residue	6,868	6,502	(5%)	1,081	1,554	44%	491	897	83%
In-State Spot	0	9,219	-	0	1,635	-	0	0	-
Out-of-State Spot	0	27	-	0	0	-	0	0	-
MSW TOTAL	540,468	505,471	(6%)	87,825	81,563	(8%)	43,887	39,221	(12%)

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth
CSWS Recyclables									
Tier 1	56,609	54,036	(5%)	9,651	8,220	(15%)	4,499	3,983	(11%) (2)
Hauler Contract	20,474	5,361	(74%)	1,409	146	(90%)	735	76	(90%) (2)
Contractor Sourced	0	0	-	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	77,083	59,397	(23%)	11,060	8,365	(24%)	5,234	4,059	(22%)

MSW CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth
CSWS Facility and/or TS	4,416	0	(100%)	0	0	-	0	0	-
Re-Directed Material (1)	93	0	(100%)	0	0	-	0	0	-
TOTAL TONNAGE	4,509	0	(100%)	0	0	-	0	0	-

Recycling CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth
CSWS Facility and/or TS	4,122	11,216	172%	1,943	8,350	330%	110	4,035	3563%
Re-Directed Material (2)	0	1,650	-	1,650	0	(100%)	106	0	(100%)
TOTAL TONNAGE	0	1,650	-	1,650	0	(100%)	106	0	(100%)

(1) INCLUDES Tons re-directed to Non-MIRA Facility (FY19 Jul Thru Feb), (FY20 Jul)

(2) INCLUDES Tons re-directed to Non-MIRA Facility (FY21 Jul, Aug) 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		
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth
Avon	12,112	12,660	5%	2,158	2,228	3%	1,086	1,068	(2%)
Bethlehem	1,710	1,811	6%	326	324	(1%)	159	170	7%
Bloomfield	15,811	13,870	(12%)	2,464	2,895	18%	1,100	1,444	31%
Canaan	474	496	5%	94	91	(4%)	49	46	(6%)
Canton	4,637	4,779	3%	823	865	5%	400	397	(1%)
Clinton	8,193	8,371	2%	1,622	1,369	(16%)	780	655	(16%)
Chester	1,139	1,392	22%	261	236	(10%)	143	132	(8%)
Colebrook	604	595	(1%)	106	127	21%	46	64	38%
Cornwall	530	599	13%	106	97	(9%)	50	46	(9%)
Deep River	3,359	3,087	(8%)	583	521	(11%)	304	257	(16%)
Durham/Middlefield	6,634	5,988	(10%)	1,079	970	(10%)	548	464	(15%)
East Granby	2,480	2,221	(10%)	369	421	14%	193	207	7%
East Hartford (2)	27,411	28,425	4%	4,900	0	(100%)	2,375	0	(100%)
East Hampton	6,691	7,017	5%	1,197	1,057	(12%)	616	515	(16%)
Ellington	5,228	5,271	1%	918	927	1%	443	462	4%
Essex	2,997	2,640	(12%)	419	547	31%	193	287	49%
Farmington	13,526	12,866	(5%)	2,148	2,064	(4%)	1,091	976	(10%)
Glastonbury	18,718	19,725	5%	3,327	3,418	3%	1,710	1,628	(5%)
Goshen	1,452	1,543	6%	310	280	(10%)	159	138	(13%)
Granby	4,271	4,416	3%	729	793	9%	356	398	12%
Haddam	3,346	3,495	4%	616	647	5%	318	318	(0%)
Hartford	80,122	84,363	5%	13,594	15,286	12%	6,538	7,515	15%
Harwinton	2,017	2,061	2%	377	376	(0%)	172	168	(2%)
Killingworth	2,061	1,647	(20%)	333	288	(13%)	147	120	(18%)
Litchfield	5,264	5,360	2%	975	1,022	5%	514	507	(1%)
Lyme	759	798	5%	146	150	2%	75	77	2%
Marlborough	2,401	2,759	15%	430	519	20%	216	273	26%
Middlebury	2,369	2,504	6%	446	389	(13%)	200	195	(3%)
Naugatuck	13,281	13,939	5%	2,639	1,987	(25%)	1,317	955	(27%)
Newington	19,499	20,347	4%	3,415	3,554	4%	1,682	1,751	4%
Norfolk	777	774	(0%)	170	158	(7%)	82	83	0%
North Canaan	2,005	2,054	2%	407	395	(3%)	206	190	(8%)
North Branford (4)	4,996	4,467	(11%)	741	0	(100%)	350	0	(100%)
Old Lyme	4,133	4,966	20%	1,042	1,174	13%	531	611	15%
Old Saybrook	8,742	8,715	(0%)	1,676	1,657	(1%)	802	787	(2%)
Portland	3,734	4,100	10%	704	721	2%	343	342	(0%)
Rocky Hill	12,171	12,510	3%	2,191	2,258	3%	1,073	1,098	2%
Roxbury (3)	671	722	8%	145	0	(100%)	74	0	(100%)
RRDD#1	11,082	11,319	2%	2,054	2,101	2%	1,035	1,038	0%
Salisbury/Sharon	3,152	3,508	11%	595	628	5%	291	316	9%
Simsbury	11,370	11,315	(0%)	1,903	2,047	8%	914	1,012	11%
Thomaston	4,299	4,425	3%	698	840	20%	324	407	26%
Torrington	22,954	23,611	3%	4,178	4,214	1%	2,088	2,039	(2%)
Watertown	11,157	12,005	8%	2,024	1,876	(7%)	1,028	959	(7%)
Westbrook (1)	2,856	3,010	5%	620	624	1%	310	282	(9%)
Wethersfield	14,357	14,380	0%	2,651	2,799	6%	1,348	1,388	3%
Woodbury	3,699	4,015	9%	744	767	3%	384	395	3%
TOTAL TIER 1 PART.	391,251	400,941	2%	69,455	65,706	(5%)	34,164	32,178	(6%)

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

(3) Roxbury- Not a member starting 7/1/2021

(2) East Hartford- Not a member starting 7/1/21

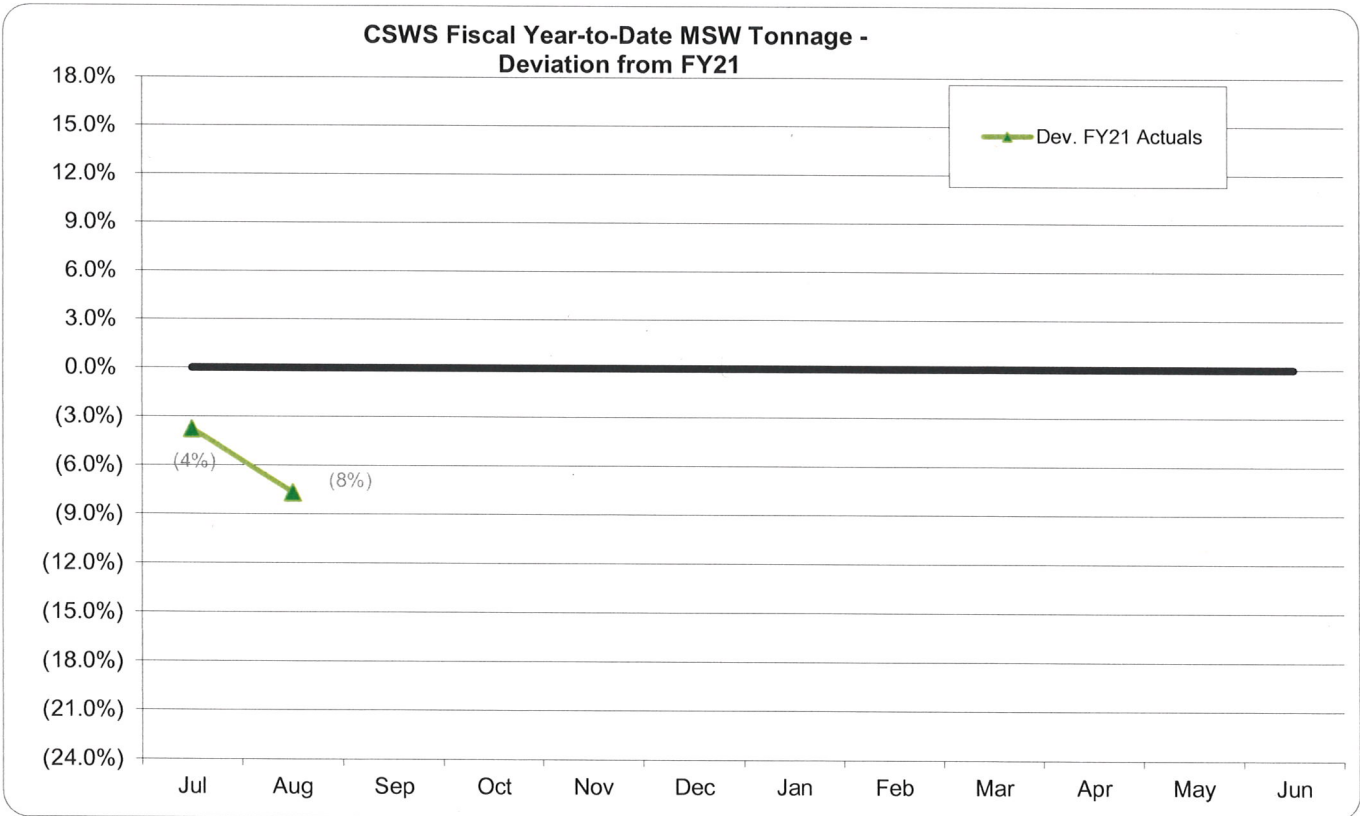
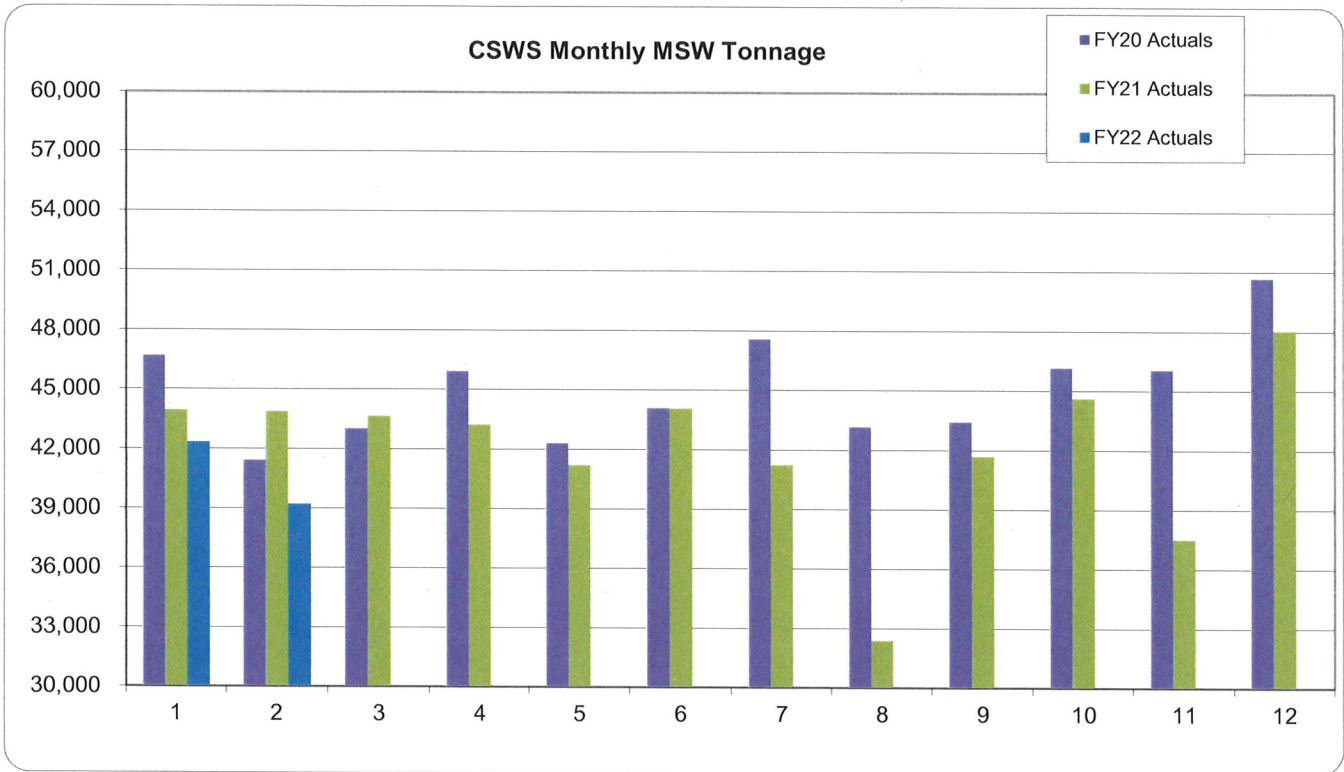
(4) North Branford- Not a Member starting 7/1/21

(a) INCLUDES Tons re-directed to Non-MIRA Facility (FY20 Jul)

CSWS Tier 2 Participating Municipality MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth
Manchester	13,013	13,580	4%	2,445	2,390	(2%)	1,180	1,174	(0%)
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	13,013	13,580	4%	2,445	2,390	(2%)	1,180	1,174	(0%)

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			
	2020	2021	Growth	2021	2022	Growth	Aug 20	Aug 21	Growth	
Avon	1,925	2,041	6%	325	308	(5%)	155	159	2%	(a)
Bethlehem	367	369	1%	66	44	(34%)	31	21	(31%)	
Bloomfield	1,582	1,568	(1%)	287	274	(4%)	132	129	(3%)	(a)
Canaan	106	204	93%	21	50	141%	7	20	166%	
Canton	891	920	3%	153	155	2%	68	69	1%	(a)
Chester	328	405	23%	74	64	(15%)	40	31	(23%)	
Clinton	1,215	1,029	(15%)	224	92	(59%)	110	39	(64%)	
Colebrook	184	206	12%	36	39	8%	17	17	5%	
Cornwall	174	190	9%	33	30	(7%)	14	16	10%	
Deep River	400	292	(27%)	54	55	1%	27	32	17%	
Durham/Middlefield	933	903	(3%)	145	125	(14%)	72	57	(20%)	(a)
East Granby	439	478	9%	73	81	10%	39	47	21%	(a)
East Hartford (2)	3,461	2,998	(13%)	628	0	(100%)	278	0	(100%)	(a)
East Hampton	1,028	1,044	2%	180	170	(5%)	82	69	(16%)	(a)
Ellington	1,263	1,290	2%	222	220	(1%)	105	114	9%	(a)
Essex	828	748	(10%)	132	119	(10%)	52	62	20%	
Farmington	2,221	2,086	(6%)	357	326	(9%)	164	158	(4%)	(a)
Glastonbury	3,493	3,445	(1%)	567	498	(12%)	253	242	(4%)	(a)
Goshen	371	383	3%	63	62	(2%)	26	29	11%	
Granby	1,296	1,273	(2%)	228	212	(7%)	109	93	(15%)	(a)
Haddam	649	672	3%	122	104	(14%)	60	54	(11%)	(a)
Hartford	3,826	1,375	(64%)	387	389	1%	202	195	(3%)	(a)
Harwinton	476	502	5%	84	80	(4%)	35	36	2%	
Killingworth	494	462	(6%)	71	65	(9%)	35	28	(19%)	
Litchfield	780	837	7%	139	136	(2%)	62	68	10%	
Lyme	263	290	10%	47	56	18%	19	23	25%	
Marlborough	523	533	2%	94	94	(0%)	52	56	8%	(a)
Middlebury	898	922	3%	160	132	(17%)	68	63	(7%)	
Naugatuck	2,216	2,249	1%	399	348	(13%)	185	177	(4%)	
Newington	2,481	2,503	1%	424	407	(4%)	192	203	5%	(a)
Norfolk	166	167	1%	34	31	(6%)	15	13	(13%)	
North Branford (4)	1,210	1,159	(4%)	223	0	(100%)	100	0	(100%)	
North Canaan	258	251	(3%)	50	32	(36%)	28	18	(35%)	
Old Lyme	1,256	1,358	8%	278	262	(6%)	121	120	(1%)	
Old Saybrook	1,276	1,414	11%	273	245	(10%)	125	121	(4%)	
Portland	816	857	5%	132	134	2%	61	63	3%	(a)
Rocky Hill	1,540	1,471	(4%)	243	241	(1%)	119	117	(2%)	(a)
Roxbury (3)	232	268	16%	53	0	(100%)	25	0	(100%)	
RRDD#1	1,666	1,671	0%	294	297	1%	151	153	1%	
Salisbury-Sharon	1,179	1,229	4%	229	236	3%	100	113	13%	
Simsbury	2,602	2,602	0%	413	416	1%	186	202	9%	(a)
Thomaston	913	881	(3%)	153	155	1%	71	77	9%	
Torrington	2,785	2,883	4%	504	490	(3%)	239	237	(1%)	
Watertown	1,558	1,634	5%	278	266	(4%)	135	128	(5%)	
Westbrook (1)	573	503	(12%)	113	110	(3%)	56	40	(28%)	
Wethersfield	2,647	2,575	(3%)	439	424	(3%)	206	205	(0%)	(a)
Woodbury	820	893	9%	148	148	(0%)	73	71	(3%)	
TOTAL TIER 1 PART.	56,609	54,036	(5%)	9,651	8,220	(15%)	4,499	3,983	(11%)	

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

(3) Roxbury- Not a member starting 7/1/2021

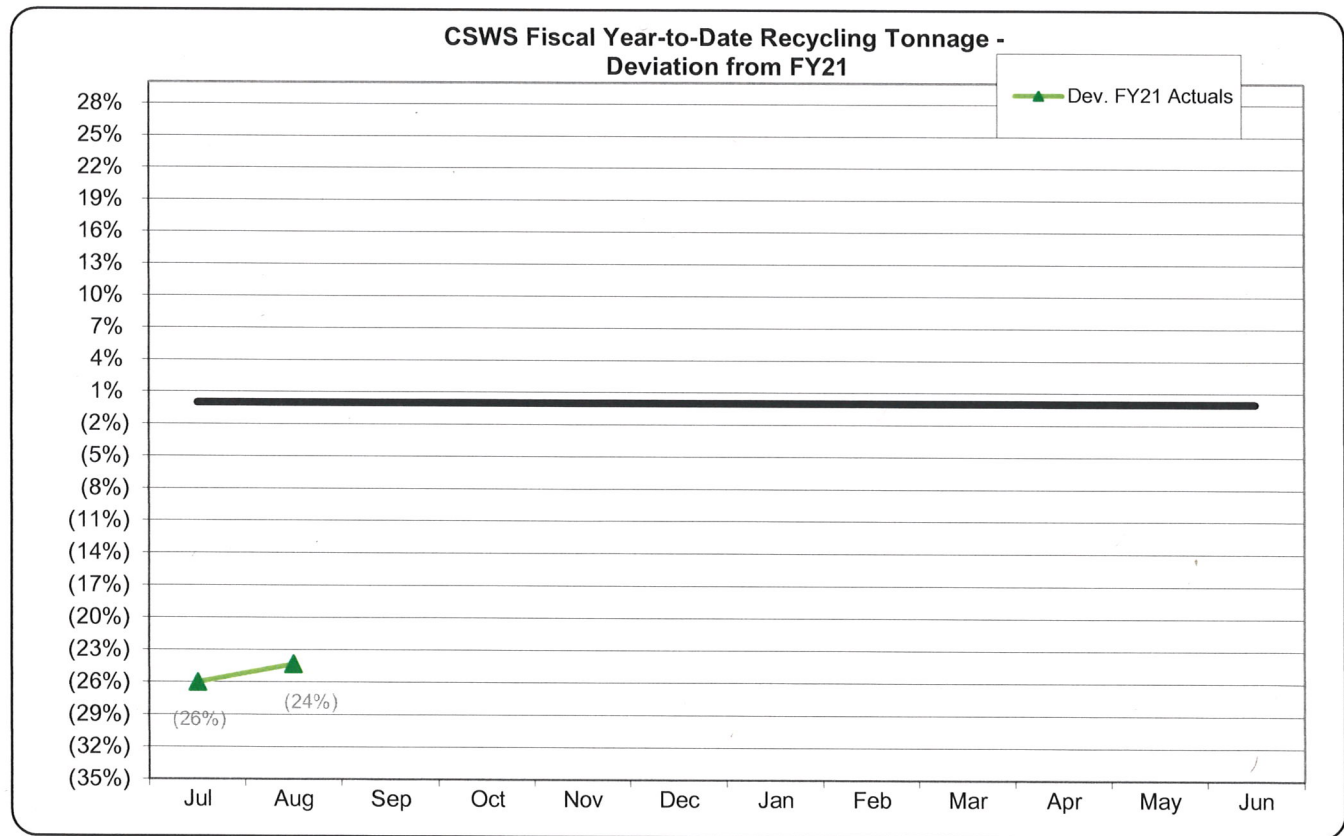
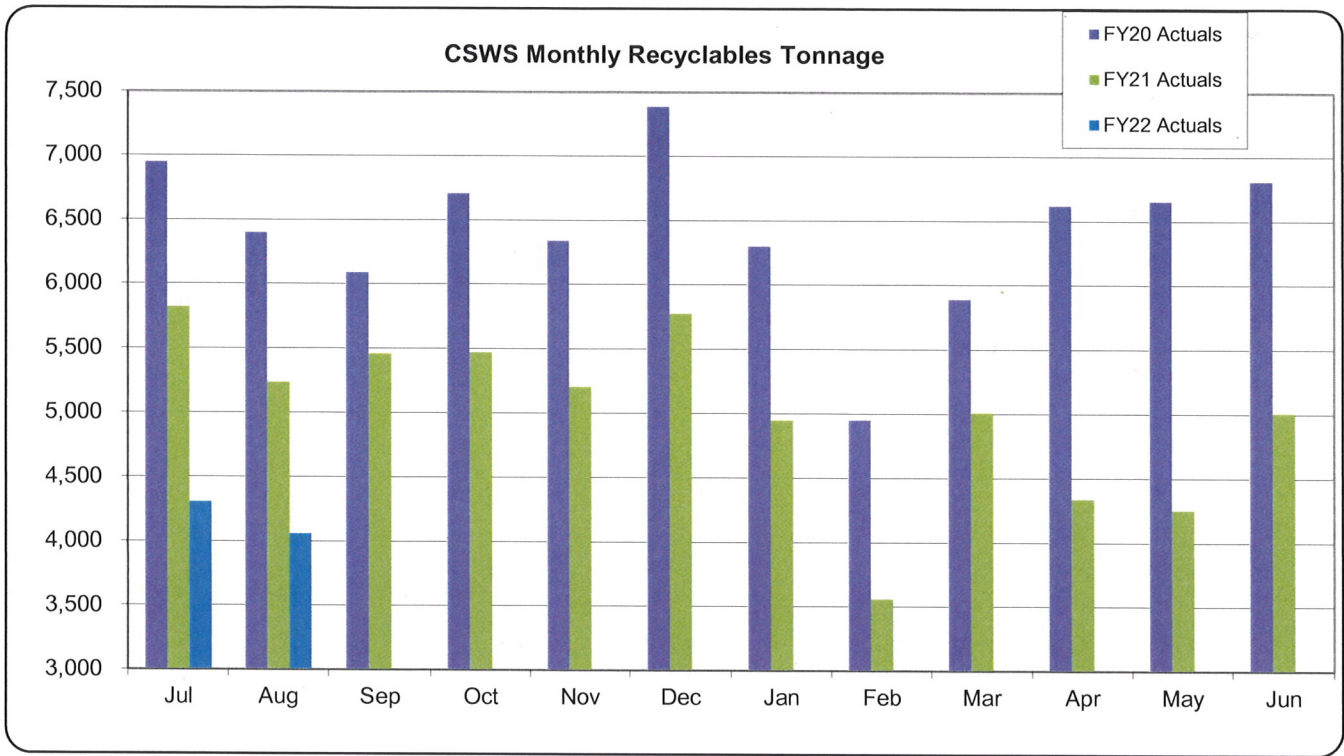
(2) East Hartford- Not a member starting 7/1/21

(4) North Branford- Not a Member starting 7/1/21

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

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

CSWS Recyclables Trends



TAB D

