



## MEMORANDUM

**TO:** MIRA Board of Directors  
**FROM:** Donald S. Stein, Chairman  
**DATE:** July 7, 2022  
**RE:** Notice of Regular Telephonic Meeting

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There will be a *regular telephonic* meeting of the Board of Directors of the Materials Innovation and Recycling Authority (MIRA) on *Wednesday, July 13, 2022 at 9:30 a.m.*

*Members of the public may attend the meeting in person in the board room at MIRA headquarters, or may attend the meeting telephonically by calling (929) 205-6099, entering Meeting ID: 867 1408 0169, and entering Passcode: 962448# 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 June 15, 2022 Regular Board Meeting (*Attachment 1*).
- IV. Finance Committee Report
- V. Policies and Procurement Committee Report
  - a. Review and Approve Resolution Regarding May Spot Waste Solicitation (*Attachment 2*).
  - b. Review and Approve Resolution Regarding May and June Market Driven purchase of T&D for pre-combustion ferrous (*Attachment 3*).
  - c. Review and Approve Resolution Regarding Market Driven purchase of Jet Fuel (*Attachment 4*).
  - d. Review and Approve Resolution Regarding Office Move (*Attachment 5*).
  - e. Review and Approve Resolution Regarding an Increase to Fiscal Year 2023 Legal Expenditures (*Attachment 6*).

- VI. OS & HR Committee Report
- VII. Chairman's and President's Report
  - a. Review and Approve Resolution Regarding a New Agreement for Payment In Lieu of Taxes With the City of Hartford (*Attachment 7*).
  - b. Review and Approve Resolution Regarding Engineering, Consulting and Power Product Professional Services (*Attachment 8*).
  - c. Attached Supplemental Information / Other Matters
- VIII. Executive Session
  - a. Executive Session to discuss pending litigation in the matter of *Zurich American Insurance Company et al. v. NAES Corporation*.

# TAB 1

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**June 15, 2022**

A Regular Telephonic Board meeting of the Materials Innovation and Recycling Authority Board of Directors was held via Zoom on Wednesday, June 15, 2022. Present via audio or video conferencing were:

Appointed Directors:

Chairman Stein  
Carl Fortuna, Jr.  
Bert Hunter  
Susan Weisselberg  
Ed Mone  
Leonard Assard  
Dave Steuber  
Richard Soderman  
Tom Swarr  
Luke Bronin (left 10:39)

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 and Enforcement  
Cheryl Kaminsky, Manager of Accounting and Financial Reporting  
Dave Bodendorf, Senior Environmental Engineer/Manager of Construction and Power Products  
Roger Guzowski, Contract and Procurement Manager  
Chris Shepard, Environmental Compliance Manager  
Tina Mateo, Asst. Director of Budgets and Cash Management

Others Present:

Ann Catino, Halloran & Sage



Chairman Stein called the meeting officially to order at 9:32 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, Chairman Stein proceeded with the meeting.

**1. Approval of the Minutes of the May 11, 2022 Regular Board Meeting.**

Chairman Stein requested a motion to accept the minutes of the May 11, 2022 Board meeting. The motion to approve the minutes was made by Director Fortuna and seconded by Director Hunter.

Ms. Hunt noted that there was a typo on page 5 of the minutes: the vote on the main motion in question there erroneously indicated that “Director Stein” voted no; as confirmed by review of the video recording of the meeting, that should say that “Director Steuber” voted no.

The motion previously made and seconded, as corrected, was approved by roll call vote. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, Director Soderman, Ad Hoc Swarr, and Ad Hoc Bronin voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		
Richard Soderman	X		

<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Tom Swarr	X		
Luke Bronin	X		

**2. RESOLUTION REGARDING APPROVAL ON INSURANCE POLICY RENEWALS**

Chairman Stein requested a motion to approve the foregoing resolution. The motion was made by Director Weisselberg and seconded by Director Hunter.

**WHEREAS**, The Materials Innovation and Recycling Authority (“Authority”) maintains certain insurance policies which expire July 1, 2022; and

**WHEREAS**, The renewal of such policies is in the best interest of the Authority and contemplated within its Fiscal Year 2023 adopted budgets;

**NOW THEREFORE, be it**

**RESOLVED:** That the President is authorized to bind the following insurance policies effective for the period July 1, 2022 through June 30, 2023, in accordance with the Brown & Brown Renewal Proposal dated June 6, 2022 attached hereto.

- **Property**
- **General Liability**
- **Auto Liability**
- **Workers Compensation**
- **Umbrella/Excess Liability**
- **Public Officials**
- **Crime**
- **Fiduciary**

The motion previously moved and seconded was approve by roll call vote. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, and Director Soderman voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>

Chairman Stein	X		
Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		
Richard Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Tom Swarr			
Luke Bronin			

**3. RESOLUTION REGARDING FUNDING OF CONTRACTOR SEVERANCE PROGRAM ESTABLISHED FOR RESOURCE RECOVERY FACILITY SHUT DOWN**

Chairman Stein requested a motion to approve the foregoing resolution. The motion was made by Director Hunter and seconded by Director Weisselberg.

**WHEREAS**, at its May 12, 2021 meeting, the Materials Innovation and Recycling Authority (MIRA) Board of Directors adopted a resolution authorizing the President to execute an amendment to the Operation and Maintenance of the Mid Connecticut Resource Recovery Facility ("Facility") Agreement between MIRA and NAES which amendment established a Contractor Severance Program providing for an orderly shutdown of the Facility; and

**WHEREAS**, such amendment provided that MIRA shall fund such Contractor Severance Program first through use of the adopted Budget for the MIRA's fiscal year commencing July 1, 2021, second through transfer of surplus funds identified by MIRA within the overall Facility or Connecticut Solid Waste System ("CSWS") budget, third

through use of such reserve funds as may subsequently be established by MIRA for such purpose and fourth through any such Budget, Facility or CSWS budgets as may subsequently be adopted for MIRA's fiscal year commencing July 1, 2022; and

**WHEREAS**, at its May 11, 2022 Board of Directors meeting, MIRA adopted a Modified Program of Operations and CSWS Operating Budget for MIRA's fiscal year commencing July 1, 2022 which program anticipates an orderly shutdown of the Facility on or before July 31, 2022, including relevant Contractor employee separations, and which budget funds a Transition Contingency Reserve of \$3,565,000 to provide for such Facility shut down expenses subject to Board approval; and

**WHEREAS**, Management now desires to designate such Transition Contingency Reserve as the fund through which Contractor Severance Program costs estimated at two million dollars for the fiscal year commencing July 1, 2022 for the Facility will be paid;

**NOW THEREFORE, be it RESOLVED:** That this Board hereby approves use of the Transition Contingency Reserve to fund the NAES Contractor Severance Program associated with the Facility.

The motion previously moved and seconded was approve by roll call vote. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, Director Soderman, Ad Hoc Swarr and Ad Hoc Bronin voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		
Richard Soderman	X		

<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Tom Swarr	X		
Luke Bronin	X		

**4. RESOLUTION REGARDING PURCHASE AND INSTALLATION OF SCALE SOFTWARE AT MIRA FACILITIES**

Chairman Stein requested a motion to approve the foregoing resolution. The motion was made by Director Mone and seconded by Director Soderman.

**RESOLVED:** That the President is hereby authorized to execute an agreement with Mettler-Toledo LLC for the purchase and installation of new Mettler-Toledo DataBridge scale software (including unattended kiosks at the transfer stations).

The motion previously made and seconded was unanimously approved. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, Director Soderman, Ad Hoc Swarr and Ad Hoc Bronin voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		
Richard Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>

Tom Swarr	X		
Luke Bronin	X		

**5. RESOLUTION REGARDING RENEWAL OF THE EMPLOYEE BENEFIT PROGRAM**

Chairman Stein requested a motion to approve the foregoing resolution. The motion was made by Director Weisselberg and seconded by Director Hunter.

**RESOLVED:** That the Board of Directors authorizes the renewal of MIRA’s employee benefit plans with the incumbent providers – Connecticut Partnership 2.0 Plan (medical), Ameritas (vision), and MetLife (dental, life, and disability) – for the period from July 1, 2022 through June 30, 2023.

The motion previously made and seconded was unanimously approved. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, and Director Soderman voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		

Richard Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Tom Swarr			
Luke Bronin			

**PRESIDENT’S REPORT**

President Kirk reported on the operational and financial status of the CSWS for the period ending April 30, 2022, including an update on MIRA’s reduced waste processing, ash and pre-combustion metals logistics challenges, and favorable electric prices.

**MOTION TO MODIFY THE AGENDA AND PROCEED WITH EXECUTIVE SESSION, INCLUDING DISCUSSION OF THE DEFERRED MATTERS**

Chairman Stein requested a Motion to modify the Agenda to move Items VII.a. and b. to follow Executive Session, and to proceed to go into Executive Session for discussion of those items, i.e., “Executive Session to discuss feasibility estimates and evaluations developed by MIRA regarding: 1) the comparative costs and complications related to renewing its current lease for office space versus renovating MIRA-owned property to accommodate necessary staff; and 2) options for the implementation of the FY 23 budget in light of the magnitude of the reduction in waste operations,” in addition to the discussion on the Agenda of pending litigation in the matter of *Zurich American Insurance Company et al. v. NAES Corporation*.

The Motion was made by Director Hunter and seconded by Director Soderman, and was unanimously approved by roll call vote. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, Director Soderman, Ad Hoc Swarr and Ad Hoc Bronin voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
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Chairman Stein	X		
Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		
Richard Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Tom Swarr	X		
Luke Bronin	X		

. Chairman Stein invited Mr. Kirk, Mr. Daley, Mr. Egan, Ms. Hunt, Attorney Catino, Mr. Gaffey, and Mr. Bodendorf to participate in Executive Session. Executive Session began at 10:11 and ended at 11:32, and public session resumed.

**RESOLUTION REGARDING TABLING ITEMS VII.a. and b.**

Chairman Stein requested a motion to table Agenda Items VII.a. and b to a July meeting. The motion was made by Director Mone and seconded by Director Weisselberg, and was unanimously approved by roll call vote. Chairman Stein, Director Mone, Director Fortuna, Director Hunter, Director Weisselberg, Director Assard, Director Steuber, Director Soderman, and Ad Hoc Swarr voted yes.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		



Ed Mone	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Leonard Assard	X		
Dave Steuber	X		
Richard Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Tom Swarr	X		
Luke Bronin			

**Adjournment**

The meeting adjourned at 11:34 a.m.

# TAB 2

**RESOLUTION REGARDING A MARKET DRIVEN SALE OF SPOT  
WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE  
FOR THE CONNECTICUT SOLID WASTE SYSTEM RESOURCES  
RECOVERY FACILITY DURING A FUEL SHORTAGE PERIOD**

**RESOLVED:** That the President is hereby authorized to select Spot Waste delivery offers that are responsive to the needs of the CSWS resources recovery facility during Fuel Shortage Periods in accordance with Internal Management Procedure No. 140 to ensure the desired optimal operation of the facility, substantially as discussed and presented at this meeting, and;

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from Paine's Inc. for delivery of MSW to the CSWS Resources Recovery Facility; and,

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from CWPM LLC for delivery of MSW to the CSWS Resources Recovery Facility; and,

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from A J Waste Systems LLC for delivery of MSW to the CSWS Resources Recovery Facility; and,

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from John's Refuse and Recycling LLC for delivery of MSW to the CSWS Resources Recovery Facility; and,

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from HQ Dumpsters and Recycling LLC for delivery of MSW to the CSWS Resources Recovery Facility; and,

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from Hometown Waste & Recycling Services, Inc. for delivery of MSW to the CSWS Resources Recovery Facility; and,

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from Willimantic Waste Paper Co., Inc. for delivery of MSW to the CSWS Resources Recovery Facility, substantially as presented and discussed at this meeting.

# Materials Innovation & Recycling Authority

## Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	Paine's Inc.
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 154.02 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$11,012.43 (154.02 tons at \$71.50 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of 154.02 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion

# Materials Innovation & Recycling Authority

## Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	CWPM LLC.
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 1,060.04 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$78,442.96. (1,060.04 tons @ \$74.00 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of 1,060.04 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion

# Materials Innovation & Recycling Authority

## Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	A J Waste Systems LLC
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 369.03 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$25,832.10. (369.03 tons @ \$70.00 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of 369.03 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion

# Materials Innovation & Recycling Authority

## Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	John's Refuse and Recycling LLC
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 166.40 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$12,147.20. (166.40 tons @ \$73.00 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of 166.40 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion

# **Materials Innovation & Recycling Authority**

## **Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS**

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	HQ Dumpsters and Recycling LLC
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 282.13 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$19,749.10. (282.13 tons @ \$70.00 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of 282.13 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion



# Materials Innovation & Recycling Authority

## Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	Hometown Waste & Recycling Services, Inc.
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 492.58 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$34,480.60. (492.58 tons @ \$70.00 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of approximately 492.58 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries any time at its sole discretion

# Materials Innovation & Recycling Authority

## Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS DURING FUEL SHORTAGE PERIODS

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	Willimantic Waste Paper Co., Inc.
Effective date:	June 6, 2022
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 0 tons of MSW
Facility Affected:	CSWS Resources Recovery Facility
Term:	June 6, 2022 to June 30, 2022.
Contract Dollar Value:	\$0.00 (Willimantic did not deliver any spot waste)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of 0 tons of MSW to the CSWS Resources Recovery Facility
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion

# **Materials Innovation & Recycling Authority**

## **Market Driven Sale of Spot Waste Disposal Capacity for Municipal Solid Waste for the CSWS**

*July 13, 2022*

### **Executive Summary**

Due to low MSW inventory levels at the CSWS Resource Recovery Facility (RRF) in May 2022, and forecasted deliveries of MSW that were considered insufficient for the desired optimal operation of the RRF as the RRF approached its closure date, MIRA conducted a Spot Disposal Capacity Solicitation and Sale initiative in accordance with Internal Management Procedure No. 140 (Spot Waste Procedure) on May 31, 2022.

This Spot Disposal Capacity Solicitation and Sale was conducted in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA's Procurement Policies and Procedures. This is to report to the Board of Directors this market driven sale of capacity, and to receive Board approval for the transaction since the total amount of revenue has exceeded \$50,000.

### **Discussion**

#### **May 31, 2022 Solicitation**

Considering the MSW inventory at the WPF in May and the forecasted need for additional MSW to insure an optimal amount of MSW to provide fuel to the RRF as it approached its closure date, MIRA solicited for 1,800 tons per week of spot waste on May 31, 2022 for a period of four weeks: June 6 through June 30, 2022. MIRA set a price floor of \$70.00 per ton. MIRA emailed all known potential customers a solicitation for Spot Waste in accordance with the Spot Waste Procedure and received the offers shown in Table 1.

MIRA's Spot Waste Evaluation Team reviewed the responses to the solicitation and made a recommendation to MIRA's President that MIRA accept seven of the eight offers submitted in response to the solicitation. The President agreed with the recommendation of the Evaluation Team and all offers were accepted.

MIRA accepted seven of the spot waste offers for a total of approximately 7,092 tons during the four week period. Table 1 shows the hauler, the number of tons per week offered, each hauler's offer price, and the projected total tonnage amount for the period. The total tonnage associated with all of the eight offers amounted to more than the quantity for which MIRA solicited. Accordingly, MIRA elected to decline the offer from

Casella Waste Services of Massachusetts, Inc. for 250 tons per week, basing the decision on the following considerations: 1) Casella's offer price was at the floor (\$70.00 per ton), 2) Casella's MSW is generated outside of Connecticut, and 3) the other seven offers provided substantially all the MSW that MIRA needed, and represented MSW generated within the State of Connecticut, which is MIRA's preference.

<b>TABLE 1</b>			
<b>Market Driven Sale - Spot Waste Capacity</b>			
<b>May 31, 2022 Solicitation Results</b>			
<b>Customer</b>	<b>Quantity Offered</b>	<b>Price per Ton</b>	<b>Total Tons Offered</b>
Paine's	63 Tons per week – 4 weeks	\$71.50	252
AJ's Waste Systems	200 Tons per week – 4 weeks	\$70.00	800
John's Refuse	200 Tons per week – 4 weeks	\$73.00	800
HQ Dumpsters	110 Tons per week – 4 weeks	\$70.00	440
CWPM	600 Tons per week – 4 weeks	\$74.50	2,400
Hometown Waste	200 Tons per week – 4 weeks	\$70.00	800
Willimantic Waste	400 Tons per week – 4 weeks	\$70.00	1,600
Casella of Mass	250 Tons per week – 4 weeks	\$70.00	1,000
<b>Total Tons Offered</b>			<b>8,092</b>
<b>Total Tons Accepted (MIRA Declined Casella of Mass)</b>			<b>7,092</b>

Because of operational problems at the facility at the time the spot waste responses were received, MIRA did not begin to accept the spot waste until June 16, and then only accepted the spot waste until Monday June 27 when MIRA was forced to shut off this category of waste due to another operational problem at the facility. Spot waste was only accepted on ten days during June. Table 2 shows the actual tons delivered and associated revenue from this spot waste solicitation.

<b>TABLE 2</b>			
<b>Market Driven Sale - Spot Waste Capacity</b>			
<b>May 31, 2022 Solicitation Actual Deliveries</b>			
<b>Customer</b>	<b>Total Quantity Delivered</b>	<b>Price per Ton</b>	<b>Total Revenue</b>
Paine's	154.02	\$71.50	\$11,012.43
AJ's Waste Systems	369.03	\$70.00	\$25,832.10
John's Refuse	166.40	\$73.00	\$12,147.20
HQ Dumpsters	282.13	\$70.00	\$19,749.10
CWPM	1,060.04	\$74.00	\$78,442.96
Hometown Waste	492.58	\$70.00	\$34,480.60
Willimantic Waste	0	\$70.00	\$0.00
<b>TOTAL</b>	<b>2,524.20</b>		<b>\$181,664.39</b>

### **Financial Summary**

#### **May 31 2022 Solicitation**

The total revenue generated for the spot waste offers received from the May 31, 2022 solicitation, as shown in Table 2, was \$181,664.39.

# TAB 3

**RESOLUTION REGARDING MARKET DRIVEN PURCHASE OF  
TRANSPORTATION AND DISPOSAL SERVICES FOR PRE-  
COMBUSTION FERROUS METAL**

**RESOLVED:** that the President is authorized to enter into market driven purchase of transportation and disposal services with Austin Environmental Corp for the pre-combustion ferrous metal that is generated at the CSWS Waste Processing Facility, substantially as discussed and presented at this meeting.

# Materials Innovation & Recycling Authority

## Summary for Market Driven Purchase Of Transportation and Disposal Services for Pre-Combustion Ferrous Metal

Presented to the MIRA Board on:	July 13, 2022
Vendor/ Contractor(s):	Austin Environmental Corp
Effective date:	June 1, 2022 and June 20, 2022
Contract Type/Subject matter:	Market Driven Purchase of transportation and disposal services for management of the pre-combustion ferrous metal that is generated at the MIRA Waste Processing Facility in Hartford
Facility Affected:	Waste Processing Facility
Term:	June 1, 2022 to June 11, 2022 and June 20, 2022 to July 31, 2022
Contract Dollar Value:	June 1, 2022 Contract: \$57,937.78 (526.60 tons @ \$110.02 per ton)  June 20, 2022 Contract: Approximately \$77,000 (Approximately 700 tons @ at approximately \$110.00 per ton)
Scope of Services:	Transportation and disposal of pre-combustion ferrous metal from MIRA's Waste Processing Facility
Other Pertinent Provisions:	This is a "Market Driven Purchase" in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA's Procurement Policies and Procedures



# **Materials Innovation & Recycling Authority**

## **Market Driven Purchase Of Transportation and Disposal Services for Pre-Combustion Ferrous Metal**

*July 13, 2022*

### **Executive Summary**

MIRA recently conducted two solicitations in order to contract for transportation and disposal services to manage the pre-combustion ferrous metal that is generated at MIRA's Waste Processing Facility (WPF) during periods of time when the usual vendor, Covanta Metals Marketing, LLC was unable to accept all of the material generated at the WPF due to operational issues at its SEMass facility in Rochester, Massachusetts.

This Solicitation for Transportation and Disposal of the pre-combustion ferrous metal was conducted in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA's Procurement Policies and Procedures. This is to report to the Board of Directors these two market driven purchase transactions, and to receive Board approval for the transactions since the total amount of revenue exceeds \$50,000.

### **Discussion**

As a byproduct of processing municipal solid waste into refuse-derived fuel ("RDF"), MIRA's Waste Processing Facility ("WPF") currently generates a pre-combustion ferrous/MSW mix ("PCFM"). The PCFM contains approximately 60% ferrous metal and 40% MSW by weight. The ferrous metal is removed at the WPF in order to 1) recover the ferrous material, and 2) to protect the WPF shredding equipment and the Power Block Facility ("PBF") processing equipment from damage which could occur as the pieces of metal pass through the WPF, or as the RDF is conveyed to the combustion boilers at the PBF.

During FY 2022 MIRA had an agreement with Covanta Metals Marketing, LLC (Covanta) to transport and process the PCFM at its SEMass facility located in Rochester, MA. The SEMass facility is a waste-to-energy facility that also utilizes enhanced metals processing and separation equipment which enables Covanta to further separate the ferrous metal from the entrained garbage for sale into the scrap ferrous metal market. The agreement with Covanta has a base term of one year (through June 30, 2022), with five (5) additional one (1) year extension periods.

The Agreement with Covanta allows Covanta to refuse acceptance of the PCFM Mix in the event that its SEMass facility experiences operational issues or problems. When this occurs, Covanta notifies MIRA and MIRA must identify alternative transportation and disposal options until the SEMass facility can resume accepting the material.

*May 23, 2022 Solicitation*

In May 2022 Covanta notified MIRA that it was experiencing an operational problem that prevented it from continuing to accept all of MIRA’s PCFM. MIRA immediately undertook a solicitation for transportation and disposal services to provide for continued management of the PCFM in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA’s Procurement Policies and Procedures.

MIRA solicited pricing from six (6) companies for management of the PCFM. The results of the solicitation are included in Table 1.

<b>Table 1</b>		
<b>Supplier</b>		<b>Quoted Price</b>
1.	Austin Environmental Corp	\$103/ton (transportation and disposal) plus a fuel surcharge starting at \$4.00 per gallon
2.	Murphy Road Recycling LLC	\$110/ton (disposal) and \$350 per haul (transportation)
3.	Enviro Express, Inc.	\$120.17/ton (transportation and disposal) plus a fuel surcharge
4.	CWPM, LLC	Did not Respond
5.	Voyager	Did not Respond
6.	Willimantic Waste Paper Co., Inc. (Casella)	Did not Respond

MIRA contracted with the low bidder, Austin Environmental Corp, for transportation and disposal services of the PCFM. Austin Environmental Corp transported 526.60 tons at a cost of \$110.02 per ton (includes a fuel surcharge). The material was transported to the Keystone Landfill located in Dunmore, PA.

June 16, 2022 Solicitation

During June 2022 Covanta continued to experience operational problems that prevented it from accepting all of MIRA's PCFM. Again, MIRA undertook a solicitation for transportation and disposal services to provide for continued management of the PCFM in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA's Procurement Policies and Procedures.

MIRA solicited pricing from seven (7) companies for management of the PCFM. The results of the solicitation are included in Table 2.

<b>Table 2</b>		
<b>Supplier</b>		<b>Quoted Price</b>
1.	Austin Environmental Corp.	\$103/ton (transportation and disposal) plus a fuel surcharge
2.	Murphy Road Recycling LLC	\$115/ton (disposal) and \$350 per haul (transportation)
3.	Enviro Express, Inc.	\$120.17/ton (transportation and disposal) plus a fuel surcharge
4.	CWPM, LLC	Did not Respond
5.	Voyager Trucking Corp.	Did not Respond
6.	Willimantic Waste Paper Co., Inc. (Casella)	Did not Respond
7.	American Recycling, Inc.	Did not Respond

MIRA contracted with the low bidder, Austin Environmental Corp, for transportation and disposal services of the PCFM. Austin Environmental Corp will transport as much PCFM as necessary through the end of July in order to remove all PCFM by the time the resource recovery facility is shutdown. The PCFM will be transported to the Keystone Landfill located in Dunmore, PA.

**Financial Summary**

MIRA included sufficient funds in its FY 2022 and FY 2023 CSWS operating budgets for these expenses.

# TAB 4

**RESOLUTION REGARDING THE PURCHASE OF JET FUEL FOR  
THE SOUTH MEADOWS JET TURBINE FACILITY**

**RESOLVED:** That the President is hereby authorized to enter into a market driven purchase with East River Energy, Inc. for the purchase of Ultra Low Sulfur No. 1 Diesel Fuel to support operation of the South Meadows Jet Turbine Facility, during Fiscal Year 2022, substantially as presented and discussed at this meeting; and

**FURTHER RESOLVED:** That the President is hereby authorized to execute a purchase order with East River Energy, Inc., and/or Santa Buckley Energy, LLC for the purchase of Ultra Low Sulfur No. 1 Diesel Fuel to support operation of the South Meadows Jet Turbine Facility during Fiscal Year 2023, substantially as presented and discussed at this meeting.

# Materials Innovation and Recycling Authority

## Contract Summary for Market Driven Purchase of Ultra-Low Sulfur No. 1 Diesel Fuel for the South Meadows Jet Turbine Facility

Presented to the MIRA Board on:	July 13, 2022
Vendor/Contractor(s):	East River Energy, Inc.
Effective Date:	Upon Issuance of Purchase Order
Contract Type/Subject Matter:	Market Driven Purchase of jet fuel via issuance of a purchase order
Facility(ies) Affected:	South Meadows Jet Turbine Facility
Original Contract:	Department of Administrative Services Contract No. 15PSX0035. (This DAS contract expires 6/30/2025).
Term:	MIRA Fiscal Year <u>2022</u>
Contract Dollar Value:	Not to exceed \$125,525 in Fiscal Year 2022
Amendment(s):	Not applicable
Term Extensions:	Not applicable
Scope of Services:	Purchase of Ultra Low Sulfur No. 1 Diesel Fuel (i.e., Jet Fuel) for the South Meadows Jet Turbine Facility. The President is authorized to purchase Jet Fuel during FY2022 as necessary, in order to ensure that an adequate volume of jet fuel is available to support operation of MIRA's Jet Turbine Facility.
Other Pertinent Provisions:	This is a "Market Driven Purchase" in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA's Procurement Policies and Procedures

# Materials Innovation and Recycling Authority

## Contract Summary for Purchase of Ultra-Low Sulfur No. 1 Diesel Fuel for the South Meadows Jet Turbine Facility

Presented to the MIRA Board on: July 13, 2022

Vendor/Contractor(s): East River Energy, Inc.  
Santa Buckley Energy, LLC

Effective Date: Upon Issuance of Purchase Order

Contract Type/Subject Matter: Market Driven Purchase Pursuant to CT  
Department of Administrative Services Contract

Facility(ies) Affected: South Meadows Jet Turbine Facility

Original Contract: Department of Administrative Services  
Contract No. 15PSX0035. (This DAS contract  
expires 6/30/2025).

Term: MIRA Fiscal Year 2023

Contract Dollar Value: Not to exceed \$267,254 in Fiscal Year 2023 (As  
budgeted in the FY 2023 Property Division  
Budget.)

Amendment(s): Not applicable

Term Extensions: Not applicable

Scope of Services: Purchase of Ultra Low Sulfur No. 1 Diesel Fuel  
(i.e., Jet Fuel) for the South Meadows Jet  
Turbine Facility. The President is authorized to  
purchase Jet Fuel during FY 2023, as necessary,  
in order to ensure that an adequate volume of jet  
fuel is available to support operation of MIRA's  
Jet Turbine Facility.

Other Pertinent Provisions: The price of the fuel fluctuates daily. On the day  
that MIRA purchases fuel, MIRA receives a firm  
price quote from East River Energy, Inc. and/or  
Santa Buckley Energy LLC for a specific volume  
of fuel, which firm price is a function of the daily  
price posted by the Oil Price Information Service  
for New Haven, CT, in accordance with the CT  
DAS contract.

# Materials Innovation and Recycling Authority Property Division

## Purchase of Ultra-Low Sulfur No. 1 Diesel Fuel to support Operation of the South Meadows Jet Turbine Facility

*July 13, 2022*

### Executive Summary

This is to request that the Board of Directors:

1. Authorize the President to purchase jet fuel from East River Energy, Inc., in accordance for the MIRA South Meadows Jet Turbine Facility, in order to ensure that there is a sufficient volume of jet fuel at the facility to support the operation. The President is authorized to purchase up to \$125,525 of jet fuel during **fiscal year 2022**. This purchase is associated with a solicitation for the purchase of Jet fuel that was conducted in accordance with Section 5.11 (Market Driven Purchases and Sales) of MIRA's Procurement Policies and Procedures. This is to report to the Board of Directors this market driven purchase transaction, and to receive Board approval for the transaction since the expenditure exceeds \$50,000; and
2. Authorize the President to purchase jet fuel for the MIRA South Meadows Jet Turbine Facility, on an as needed basis, in order to ensure that there is a sufficient volume of jet fuel at the facility to support the operation. The President will be authorized to purchase up to \$267,000 of fuel, if necessary, during **fiscal year 2023**.

### Discussion

MIRA owns a jet turbine peaking power plant, commonly referred to as the South Meadows Jet Turbine Facility ("JTF"). The JTF consists of four Pratt & Whitney Twin-Pac generating sets ("Twin-Pacs"). Each of the four Twin-Pac units is nominally capable of generating 40 MW of power and is comprised of two Pratt & Whitney FT4A-9 combustion gas turbine engines. The units serve the ISO-New England System as "peaking capacity" and typically are called to run only approximately 15 hours per year.

MIRA contracted with NAES Corporation ("NAES") to operate and maintain the JTF beginning June 1, 2012. Under the agreement with NAES, MIRA is responsible for paying the cost of jet fuel.



## June 2022 Market Driven Purchase of Jet Fuel

MIRA has historically purchased jet fuel from Dime Oil Company, LLC pursuant to a CT Department of Administrative Services (DAS) contract. Dime Oil Company, LLC (“Dime”) is the preferred vendor in Hartford County for this particular fuel on the DAS contract. MIRA’s Board of Directors previously authorized the President to purchase jet fuel pursuant to the DAS contract with Dime during fiscal year 2022.

Due to volatile market conditions in May 2022, Dime Oil did not have access to Jet Fuel. Moreover, they advised MIRA that Dime does not expect to have access to Jet fuel until at least the fall of 2022.

Accordingly, MIRA staff conducted a search for other suppliers of jet fuel, including the remaining vendors on the DAS contract (East River Energy, Inc. and Santa Buckley Energy, LLC).

At the conclusion of the search it was determined that only one vendor, East River Energy, Inc., had current access to the fuel required by MIRA’s jet engines and the JTF’s governing air permit (which limits sulfur content).

A summary of the search is detailed below:

### Jet Fuel Procurement Summary June 13, 2022

- 1) Regularly in contact with State Vendors Dime Oil and East River Energy on Kerosene pricing
- 2) With recent Jet runs, fuel supply is down to 5.2 hours run time for 4 twin packs.
- 3) Jet units are obligated in both the ISO capacity market and the ISO reserve market to be available.
- 4) If Jets do not perform when called on by ISO, it can result in huge penalties running into the hundreds of thousands of dollars per hour.
- 5) It is appropriate to purchase Kerosene to minimize the risk of the Jets being unable to run due to a fuel shortage.
- 6) Diesel fuel prices (and Kerosene in particular) have risen extremely quickly in the last few weeks and are very volatile
- 7) Kerosene is in very short supply in the northeast, and resupply will likely not happen before November 2022, ahead of winter.
- 8) MIRA contacted all three DAS approved fuel vendors in late May for pricing on 15,000 gallons of kerosene (approximately .9 hours run time on all 4 jets)
- 9) Both Dime Oil and Santa Buckley stated they do not currently have access to low sulfur kerosene and will not until the fall of 2022.
- 10) MIRA contacted a fourth vendor, Hartford Jet Center, who supplies fuel to Brainard Airport and has access to jet fuel, however, the fuel is NOT ultra low sulfur as required by MIRA’s air permit, and therefore, cannot be used.
- 11) As of 6-13-22, only one vendor, East River Energy has access to ultra low sulfur kerosene, therefore, MIRA’s only option is to purchase from East River Energy.
- 12) Summary of vendor contact and pricing is provided in the table below.

<u>Vendor</u>	<u>DAS Y/N?</u>	<u>Contact person</u>	<u>Phone</u>	<u>email</u>	<u>Vol. quoted</u>	<u>Supply Loc.</u>	<u>\$/gal (inc. tax + del.)</u>	<u>Date of Quote</u>
Dime Oil	Y	Tracy Cyr	203-233-1109	<a href="mailto:tracy@dimeoil.com">tracy@dimeoil.com</a>	NA no supply	NA	NA	6/13/2022
East River Energy	Y	Colleen Canestrari	800-336-3762x2015	<a href="mailto:cmc@eastriverenergy.com">cmc@eastriverenergy.com</a>	15,000	New Haven	7.456859	6/13/2022
Santa Buckley Energy	Y	Luis Garcia	203-362-3332x1303	<a href="mailto:garcial@SANTAENERGY.COM">garcial@SANTAENERGY.COM</a>	NA no supply	NA	NA	NA
Hartford Jet Center	N	Lindsey Rutka	860-883-4824	<a href="mailto:lindseyr@hfdjet">lindseyr@hfdjet</a>	NA no ULS	NA	NA	6/13/2022

Because the value of this jet fuel purchase exceeded \$50,000 during Fiscal Year 2022, which requires Board of Director approval, MIRA management is seeking Board authorization to purchase up to \$125,525 of fuel from East River Energy, Inc. during Fiscal Year 2022. In this case, purchase was made as a market driven purchase, and did not exceed the amount budgeted for Fiscal Year 2022.

### Approval of additional DAS Contract Vendors for Purchase of Jet Fuel During FY 2023

MIRA is seeking Board authorization to purchase fuel during Fiscal Year 2023 from East River Energy, Inc. and/or Santa Buckley Energy, LLC, pursuant to the DAS Contract. These two vendors would be in addition to the authorization previously granted by the Board of Directors at its May 2022 meeting to purchase fuel from Dime.

Fuel purchases in Fiscal Year 2023 will be made from one or more of these three vendors based on price quotes and the volume of jet fuel needed by MIRA at the time. Staff will choose the vendor which is able to provide the required volume of fuel at the lowest price. The combined total of purchases from all vendors will not exceed the Fiscal Year 2023 budget without authorization from MIRA's Board of Directors. At its May 2022 meeting the Board of Directors approved a resolution to purchase up to \$267,254 of fuel from Dime in Fiscal Year 2023. Today's resolution is to add these two additional DAS Contract vendors as companies from which MIRA may purchase jet fuel during Fiscal Year 2023, up to the Fiscal Year 2023 budget of \$267,254.

**Financial Summary**

MIRA has a remaining fiscal year 2022 Property Division Budget for jet fuel in the amount of \$125,525, which has been used for purchase of the jet fuel from East River Energy, Inc. in June 2022.

MIRA has budgeted \$267,254 for Jet fuel in the Fiscal Year 2023 Property Division Budget.

# TAB 5

## RESOLUTION REGARDING MIRA OFFICE SPACE OPTIONS

**WHEREAS**, MIRA entered into a Lease with 100-200 Corporate Place, LLC on August 15, 2015 for office space at 200 Corporate Place, Rocky Hill, CT; and

**WHEREAS**, the current term of the Lease ends on April 30, 2023; and

**WHEREAS**, the Lease contains provisions for two, 3-year extensions, the first of which begins May 1, 2023; and

**WHEREAS**, the current rental rate for the Lease is \$205,898 annually; and

**WHEREAS**, the rental rate for the extension is defined as "90 percent of the then prevailing market rate at the time of the extension"; and

**WHEREAS**, MIRA staff requested that the Landlord provide its lowest and best rental rate if MIRA were to agree to extend the Lease term; and

**WHEREAS**, to extend the Lease, MIRA is required to provide written notification of its intention no later than 9 months prior to the current term of the Lease, which date is July 30, 2022; and

**WHEREAS**, MIRA owns property at 300 Maxim Road in Hartford, CT, and the location is appropriate to house MIRA staff;

**NOW THEREFORE, it is RESOLVED:** That the Board of Directors directs MIRA management to not execute the option to extend the Lease and instead to move MIRA staff to existing office space at 300 Maxim Road;

**FURTHER RESOLVED:** That the Board of Directors directs MIRA management to refine logistics and costs to move MIRA staff to 300 Maxim Road, and request approval from the Board for such costs to move MIRA staff that will remain with MIRA after April 30, 2023.

## Table Showing Office Space Options and Estimated Costs

Cost Item	Options	
	Remain at Corporate Place for FY2024	Move to WPF for FY2024 <sup>(1)</sup>
Rent (year)	\$185,000 <sup>(2)</sup>	\$0
Move cost	\$44,000 <sup>(3)</sup>	\$44,000
WPF Utility Cost	\$15,000 <sup>(4)</sup>	\$20,000
IT Cost	\$0	\$5,000 <sup>(5)</sup>
Build out cost (budget)	\$0	\$10,000
<b>Total Cost</b>	<b>\$244,000</b>	<b>\$79,000</b>

(1) 211 Murphy Road location was considered but not preferred due to additional office build out cost (estimated at \$30,000) and additional IT cost for cabling and a new computer room (estimated at \$25,000) required for the 12 projected offices. In addition, staff presence at WPF may reduce the likelihood of vandalism at that site.

(2) Cost based on 90% of current rental rate.

(3) Move cost based on 2015 actual move cost of \$76,000 for 25 employees, reduced to projected move of 12 employees and increased 20% for inflation. Note that cost will be incurred at some point, whether or not the move happens in FY2023.

(4) WPF utility cost is assumed for heat and electricity. Cost for unoccupied building is assumed to be 75% of what cost would be if building is occupied, since space will still require heat and electricity.

(5) Budget for IT move assistance, minimal required cabling.

# TAB 6

**RESOLUTION REGARDING ADDITIONAL PROJECTED LEGAL  
EXPENDITURES**

**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 2023 projected legal fees; and

**WHEREAS**, the Board of Directors has previously authorized MIRA to incur legal costs and expenses for the services of its several outside counsels during FY 2023; and

**WHEREAS**, MIRA expects to incur greater than previously authorized legal expenses with one of its counsels; and

**NOW THEREFORE, it is RESOLVED:** That the following additional amount is authorized for payment of projected legal fees and costs to be incurred during fiscal year 2023:

<u>Firm:</u>	<u>Amount:</u>
Cohn Birnbaum & Shea	\$15,000

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**  
Policies and Procurement Committee

**Request regarding Additional Authorization for Payment of Projected Legal Expenses**

July 13, 2022

**Executive Summary**

This is to request P&P Committee recommendation of additional Board authorization for payment of projected fiscal '23 legal expenses.

**Discussion:**

In connection with acquisition of the South Meadows real estate in December, 2000, the Authority assumed responsibility for the remediation of pre-existing pollution conditions at the site. At the same time, the Authority entered into an Exit Strategy Contract with TRC Companies, Inc. ("TRC"), whereunder TRC assumed the obligation for such remediation and agreed to be the Certifying Party pursuant to the Connecticut Transfer Act. On May 7, 2018, TRC submitted a Verification (i.e., final sign-off) for the site to CT-DEEP, certifying that the site has been fully remediated in accordance with applicable environmental requirements. However, CT-DEEP rejected the Verification on June 24, 2019, due to the discovery of PCBs in Area 3-3 of the site during work to relocate underground utilities by Eversource Energy. CT-DEEP has required that TRC perform further characterization of Area 3-3, and determine what additional remediation work must be performed in order to comply with the State's Remediation Standard Regulations. TRC has now completed the characterization, developed a draft remedial action plan to address the PCB contamination, and submitted the draft remedial action plan to both CT-DEEP and USEPA for review and approval.

We are now seeking additional board authorization to incur legal expenses with Cohn Birnbaum and Shea for representation on matters related to the environmental remediation at the South Meadows site, including support associated with the Exit Strategy contract with TRC. Work contemplated for FY2023 will be related to remediation of Area 3-3 at the site, including but not limited to the drafting and recording of any necessary deed restrictions and Environmental Land Use Restrictions (ELURs) in the City of Hartford Land Records. Work contemplated for FY2023 will also be related to submission of a revised Remediation Verification Report by TRC to CT-DEEP.



# TAB 7

**RESOLUTION REGARDING A NEW AGREEMENT FOR PAYMENT IN LIEU OF  
TAXES WITH THE CITY OF HARTFORD**

**WHEREAS**, the Fiscal Year 2022 CSWS Operating and Capital Budget approved by this Board on February 24, 2021, included a line item for payment of a PILOT to the City of Hartford; and

**WHEREAS**, the Term of the Authority's prior PILOT Agreement with the City expired on June 30, 2021; and

**WHEREAS**, the Parties now wish to enter into a new Agreement for Payment In Lieu Of Taxes, with a Term commencing upon execution and ending on June 30, 2022;

**NOW THEREFORE, be it**

**RESOLVED:** That the President is hereby authorized to execute a new Agreement for Payment In Lieu Of Taxes in the amount of \$1.5 million with the City of Hartford, with terms and conditions substantially as discussed at this meeting.

## AGREEMENT FOR PAYMENT IN LIEU OF TAXES

### PREAMBLE

This AGREEMENT FOR PAYMENT IN LIEU OF TAXES (this “Agreement”) is made effective as of June\_\_\_\_, 2022 (the “Effective Date”), by and between the **MATERIALS INNOVATION AND RECYLING AUTHORITY**, a body politic and corporate, and a political subdivision of the State of the Connecticut (“MIRA”), and the **CITY OF HARTFORD**, a municipal corporation having its territorial limits with the County of Hartford and the State of Connecticut (the “City”). MIRA and the City are sometimes hereinafter referred to individually as a “Party” and collectively as the “Parties.”

### RECITALS

**WHEREAS**, Conn. Gen Stat. § 22a-270 provides, inter alia, that MIRA shall be exempt from state and municipal taxes but may enter into agreements to make payments in lieu of such taxes (“PILOT”); and

**WHEREAS**, the Parties wish to enter into this Agreement for the payment of PILOT by MIRA;

**NOW THEREFORE**, in consideration of the mutual promises herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby covenant and agree as follows:

#### **1. DEFINITIONS; CONSTRUCTION:**

(a) Incorporation of Recitals. The recitals to this Agreement are incorporated into the body of this Agreement as a part hereof.

(b) General Definitions and Construction. As used in this Agreement, except as expressly provided or unless the context otherwise requires: (i) the terms defined herein include the plural as well as the singular; and (ii) the words “herein,” “hereof” and “hereunder” and words of similar import refer to this Agreement as a whole and not to any particular section or subsection.

#### **2. TERM:**

The term of this Agreement (the “Term”) shall begin on the Effective Date and shall end on June 30, 2022.

#### **3. AMOUNT AND PAYMENT OF PILOT:**

MIRA shall pay PILOT to the City in the amount of \$1,500,000, as determined by MIRA as part of MIRA’s budgeting process and approved by MIRA’s Board of Directors on February 24, 2021. The Parties agree that, except as contemplated by this Agreement, no other PILOT or tax payments shall be due to or paid by MIRA to the City for Fiscal Year ending June 30, 2022.

**1. MUTUAL REPRESENTATIONS AND WARRANTIES:**

Each Party represents and warrants that (i) it has the full power and authority to execute and perform its obligations under this Agreement; (ii) it has taken all necessary action to authorize its execution and performance hereunder; and (iii) this Agreement is the legal, valid and binding obligation of such Party and is enforceable in accordance with its terms.

**2. MISCELLANEOUS:**

(a) Payments. PILOT due hereunder shall be sent by MIRA to the City via first-class mail to the following address, or to such other address as the City may designate from time to time.

**City of Hartford  
Finance Department, Revenue Management Unit  
550 Main Street, Room 108  
Hartford, CT 06103**

(b) Notices. All notices and other correspondence with respect to this Agreement shall be sent via first-class mail or overnight courier to the following addresses:

If to MIRA:

**Materials Innovation and Recycling Authority  
200 Corporate Place  
Rocky Hill, CT 06067  
Attn: President**

If to the City:

**City of Hartford  
Office of the Mayor  
550 Main Street  
Hartford, CT 06103**

**And**

**Office of the Corporation Counsel  
550 Main Street  
Hartford, CT 06103**

(c) Captions for Convenience Only. The captions in this Agreement are for convenience only and shall not change, restrict or otherwise alter the express provisions hereof.

(d) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Connecticut, except for any requirements concerning choice of law, the effect of which would be to apply the substantive law of a state other than the State of Connecticut.

(e) Entire Agreement. This Agreement constitutes the entire agreement of the Parties concerning the subject matter hereof and supersedes all previous agreements between the Parties with respect thereto. The terms and provisions hereof shall not be modified, amended or otherwise altered except by a writing executed by each Party.

(f) Survivorship. If any term or provision of this Agreement is held by a court of competent jurisdiction to be illegal, invalid or otherwise in conflict with applicable law, the validity of the remaining terms and provisions hereof shall not be affected thereby, and the rights and obligations of the Parties shall be construed and enforced as if this Agreement did not contain the particular term or provision held to be illegal, invalid or otherwise in conflict with applicable law.

(g) Joint Effort. This Agreement shall be deemed to be the product of joint drafting by the Parties and shall not be strictly construed against either Party.

(h) Execution and Delivery. This Agreement may be executed in any number of original or facsimile counterparts and as separate counterparts, all of which when so executed and delivered will together constitute one and the same instrument. If the Parties elect to execute this Agreement by facsimile or other electronic means, the same shall have the same force and effect as if this Agreement had been manually executed by the Parties in one complete document, and the Parties shall exchange wet-signature original signature pages within a reasonable time after such execution.

IN WITNESS WHEREOF, the Parties have hereunto set their hands as of the date first written above.

THE CITY OF HARTFORD

Witness \_\_\_\_\_

Witness \_\_\_\_\_

By: \_\_\_\_\_  
Luke Bronin  
Its Mayor, duly authorized

MATERIALS INNOVATION AND  
RECYCLING AUTHORITY

Witness \_\_\_\_\_

Witness \_\_\_\_\_

By: \_\_\_\_\_  
Thomas D. Kirk  
Its President, duly authorized

STATE OF CONNECTICUT } ss. Hartford  
COUNTY OF HARTFORD

On this the \_\_\_\_\_ of \_\_\_\_\_, 2022, before me the undersigned officer, personally appeared Luke Bronin, who acknowledged himself to be the Mayor of the City of Hartford, signer and sealer of the foregoing instrument, and that he as such officer being authorized to do so, acknowledged the execution of the same to be his free act and deed as such officer and the free act and deed of such municipal corporation.

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Commissioner of the Superior Court/  
Notary Public  
My Commission Expires:

STATE OF CONNECTICUT } ss. Hartford  
COUNTY OF HARTFORD

On this the \_\_\_\_\_ of \_\_\_\_\_, 2022, before me the undersigned officer, personally appeared Thomas D. Kirk, who acknowledged himself to be the President of the Materials Innovation and Recycling Authority, signer and sealer of the foregoing instrument, and that he as such officer being authorized to do so, acknowledged the execution of the same to be his free act and deed as such officer and the free act and deed of such political subdivision of the State of Connecticut.

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Commissioner of the Superior Court/  
Notary Public  
My Commission Expires:

# TAB 8



**RESOLUTION REGARDING  
ENGINEERING, CONSULTING, AND POWER-PRODUCT  
PROFESSIONAL SERVICES**

**RESOLVED:** That the Board hereby amends its May 11, 2022 RESOLUTION REGARDING ENGINEERING, CONSULTING, AND POWER-PRODUCT PROFESSIONAL SERVICES, and approval thereof as follows: i) that GNCB Consulting Engineers, P.C. is added to the category of General Engineering Services; ii) that GNCB Consulting Engineers, P.C. is removed from the category of Environmental Consulting and Engineering Services; and iii) that all other terms and conditions of the RESOLUTION REGARDING ENGINEERING, CONSULTING, AND POWER-PRODUCT PROFESSIONAL SERVICES remain in effect as presented and approved by the Board on May 11, 2022.

Table 1 from May 11, 2022 RESOLUTION REGARDING ENGINEERING, CONSULTING, AND POWER-PRODUCT PROFESSIONAL SERVICES as amended by this July resolution

<p><b>Environmental Consulting and Engineering Services</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Freeman Companies          HDR Engineering, Inc.          HRP Associates, Inc.          Gershman, Brickner, &amp; Bratton, Inc.  <del>GNCB Consulting Engineers, P.C.</del>          Langan CT, Inc.          Project Management Associates, LLC          SCS Engineers          Tighe &amp; Bond, Inc.,          TRC Environmental Corporation          Weston &amp; Sampson Engineers, Inc.</p> <p><b>General Engineering Services</b></p> <p>Cornerstone Engineering Group LLC          Freeman Companies  <del>GNCB Consulting Engineers, P.C.</del>          HDR Engineering, Inc.          HRP Associates, Inc.          Langan CT, Inc.          SCS Engineers          Tighe &amp; Bond, Inc.          Westcott and Mapes, Inc.          Weston &amp; Sampson Engineers, Inc.</p> <p><b>Power-Product Marketing, Procurement and Consulting</b></p> <p>Cornerstone Engineering Group LLC          Daymark Energy Advisors, Inc.</p> <p><b>Solid Waste Systems</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Gershman, Brickner, &amp; Bratton, Inc.          HDR Engineering, Inc.          Project Management Associates, LLC          SCS Engineers          Tighe &amp; Bond, Inc.</p>	<p><b>Resource Recovery and Thermal Energy-from-Waste</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Gershman, Brickner, &amp; Bratton, Inc.          HDR Engineering, Inc.          Project Management Associates, LLC</p> <p><b>Composting, Organics Recovery and Organic Waste</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Gershman, Brickner, &amp; Bratton, Inc.          HDR Engineering, Inc.          SCS Engineers          Tighe &amp; Bond, Inc.          Weston &amp; Sampson Engineers, Inc.</p> <p><b>Biological Energy From Waste</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Gershman, Brickner, &amp; Bratton, Inc.          HDR Engineering, Inc.          SCS Engineers          Weston &amp; Sampson Engineers, Inc.</p> <p><b>Multi-material segregation</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Gershman, Brickner, &amp; Bratton, Inc.          HDR Engineering, Inc.          Tighe &amp; Bond, Inc.</p> <p><b>Recycling &amp; Scrap</b></p> <p>Arcadis U.S., Inc.          Cornerstone Engineering Group LLC          Gershman, Brickner, &amp; Bratton, Inc.          HDR Engineering, Inc.          Project Management Associates, LLC          Tighe &amp; Bond, Inc.</p>
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# **Materials Innovation and Recycling Authority**

## **Engineering, Consulting, and Power-Product Professional Services**

*July 13, 2022*

### **Executive Summary and Discussion**

GNCB is an engineering firm located in Old Saybrook, Connecticut which is certified by the Connecticut Department of Administrative Services as a Small Business Enterprise (“SBE”) and which has been in MIRA’s “stable” of pre-approved engineering firms since 2016. GNCB was also a respondent to MIRA RFQ 22-OE-007 for these services.

On May 11, 2022 MIRA’s Board of Directors approved a RESOLUTION REGARDING ENGINEERING, CONSULTING, AND POWER-PRODUCT PROFESSIONAL SERVICES authorizing MIRA’s President to enter into Agreements resulting from MIRA RFQ 22-OE-007, including an agreement with GNCB. After that resolution was approved by the Board, GNCB notified MIRA that it had made an administrative mistake, checked the wrong box in its Statement of Qualifications and that the structural and geotechnical services it provides fall into the category of General Engineering Services, not Environmental Consulting and Engineering Services (which is the box they mistakenly checked in their Statement of Qualifications submitted in response to RFQ 22-OE-007 and for which they were included in the May 11, 2022 Board Resolution).

In its current and prior contracts with MIRA, GNCB has been awarded a contract for the category of General Engineering Services. In RFQ 22-OE-007, MIRA re-ordered the categories of engineering services compared to the RFQ for these same services in 2019 (in 2019, the first category listed was General Engineering whereas in 2022, the first category listed was Environmental Consulting and Engineering Services).

Management and staff recommend via this resolution that the Board of Directors amend its May 11, 2022 RESOLUTION REGARDING ENGINEERING, CONSULTING, AND POWER-PRODUCT PROFESSIONAL SERVICES to reflect the award to GNCB in the correct category of services as follows: i) that GNCB Consulting Engineers, P.C. is added to the category of General Engineering Services; ii) that GNCB Consulting Engineers, P.C. is removed from the category of Environmental Consulting and Engineering Services; and iii) that all other terms and conditions of the RESOLUTION REGARDING ENGINEERING, CONSULTING, AND POWER-PRODUCT PROFESSIONAL SERVICES remain in effect as presented and approved by the Board on May 11, 2022.

## **Financial Summary**

MIRA makes no financial commitment to any firm or individual in the three-year services Agreements. This selection simply qualifies a firm or individual as eligible to undertake work for MIRA at a later date, when a specific need is actually identified. By qualifying multiple firms under each service category, MIRA will have the opportunity to solicit competitive cost proposals from multiple firms before procuring services under the three-year services Agreements. Any such future work would be procured through a Request For Services (“RFS”), and any RFS for more than \$50,000 per fiscal year would require prior approval by the MIRA Board of Directors.

It should be noted that the cost for any particular task-specific RFS that is negotiated with any particular engineering firm pursuant to these three-year service agreements will be based on the hourly rates for time (i.e., professional labor rates) and materials (e.g. daily rental rate for required equipment) that are pre-established in these three year service Agreements.



Materials Innovation and Recycling Authority  
Regular Board of Directors Meeting  
**Supplemental Information**  
July 13, 2022

I. Finance

1. Informational Reports for the period ending May 31, 2022 (**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	

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending May 31, 2022 (**Attachment B**).
2. An update is provided on waste deliveries to the CSWS project for the period ending May 31, 2022 (**Attachment C**).

III. Communications

1. Legal Expenditure Report for the period ending May 31, 2022 (**Attachment D**).

# TAB A





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 May totaled \$5.46 million (11.5% above budget). The deficit in Member Town waste deliveries was partially offset by Non Participating Town deliveries. Electricity sales revenue was very strong. Year to date operating revenues are 10.8% above budget. Total accrued expenditures for May were \$3.98 million (24.4% under budget) with savings in all line items other than transfer station operations and maintenance. Accrued expenses include operation of the Recycling Facility as a recycling transfer operation, as well as transportation and disposal of pre-combustion ferrous metals. Year to date accrued expenditures are 16.2% under budget. Year to date the CSWS has generated operating income of \$13.55 million which is \$16.10 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. In December 2021 MIRA executed an energy hedge on the first five megawatts of CSWS energy generation. The May 2022 hedged price for the first five megawatts was \$0.03094 per kwh. All other energy is sold in the wholesale energy market.

As indicated in this report, the CSWS total average energy price including hedged and wholesale was \$0.0654 per kwh in May which is \$0.0479 per kwh (273.6%) above budget. Year to date energy price is 103.6% above budget. The CSWS generated 17.39 million Kwh of energy in May which was 5.02 million Kwh (22.4%) under budget. The plant ran at full capacity for 0 out of 31 days. Overall boiler availability was 52.0%. Boiler 11 was off line for 184.89 hours (75.1% availability) to replace a transfer sifting screw, repair a trajectory plate and for a cleaning outage. Boiler 12 was off line for the entire month (0.0% availability) initially through May 4th for super heater leaks and then it was placed in standby after repairs were complete pending plant shut down. Boiler 13 was off line for 143.06 hours (80.8% availability) for a cleaning outage. Turbine 5 was reported on line for the entire month. Turbine 6 was reported off line during fifteen days due to one boiler operations, primarily during the Boiler 11 and 13 cleaning outages. On a year to date basis, in comparison to this period of fiscal year 2021, energy price is up 112.3%, production is down 6.4% and revenue is up 98.7%.

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.

May deliveries totaled 41,158 tons which is 580 tons (1.4%) under budget. Member town deliveries were 7,045 tons (18.7%) under budget while non-participating deliveries were 6,465 tons (163.0%) above budget. Prices for waste hauler tons averaged \$93.00 per ton in May 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 4,101 tons of other contract waste delivered in May at the rate of \$80 per ton pursuant to contracts awarded by the Authority. There was also 1,172 tons of spot waste delivered in May at an average rate of \$66.98 per ton. Price and delivery volume by contract type combine to produce total solid waste delivery revenue presently 4.3% under budget on a year to date basis.





**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, 82.24 tons of non-participating recycling were delivered and assessed a tip fee of \$117 per ton for total revenue of \$9,622. There were no such deliveries budgeted. Operating expenses totaled \$271,094 which is 57.4% under budget for May 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. Operating expenses are 55.2% 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 May, the Authority sold 52.55 gross tons of post combustion ferrous and 26.59 gross tons of maintenance metals for total revenue of \$13,882 which was 143.2% above budget due to strong pricing and higher than budget volume of ferrous sales. Metal sales are 172.5% 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 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 on budget in May with deficits in real time energy sales offset by surplus capacity payments and reserve credits. Operating expenses were 45.9% above budget in May due to jet fuel purchases. Total operating income is 16.4% 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 May were sufficient to distribute \$637,158 to the Property Division General Fund having reached the FY 2022 cap on transfers to the Tip Fee Stabilization Fund of \$7,170,656 last month. The \$3.3 million Decommission Reserve was established by transfer from the Property Division General Fund. The CSWS drew \$564,111 from the Tip Fee Stabilization Fund which included hauler prepaid tip fees as noted. After the distribution of May receipts, \$62,930,325 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 May, the Authority received \$799,542 from NAES representing final true up and closure of the Operator's capital account. An additional \$2,814 was received as true up for Jets projects as part of this process.



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

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **May 31, 2022**

	Current Month		Variance		Year to Date		Variance	
	Budget	Actual	Better (Worse) than Budget		Budget	Actual	Better (Worse) than Budget	
<b>REVENUES</b>			\$	%			\$	%
<a href="#">Member Towns</a>	\$ 3,968,809	\$ 3,229,137	\$ (739,672)	-18.6%	\$ 42,173,589	\$ 35,542,809	\$ (6,630,781)	-15.7%
<a href="#">Other Contracts</a>	\$ 116,529	\$ 328,112	\$ 211,583	181.6%	\$ 1,282,284	\$ 2,344,323	\$ 1,062,039	82.8%
<a href="#">Hauler - Direct</a>	\$ 171,266	\$ 319,225	\$ 147,959	86.4%	\$ 1,775,898	\$ 3,033,385	\$ 1,257,487	70.8%
<a href="#">Hauler - TS</a>	\$ 81,173	\$ 160,547	\$ 79,374	97.8%	\$ 862,564	\$ 1,712,669	\$ 850,104	98.6%
<a href="#">Spot Waste</a>	\$ -	\$ 78,508	\$ 78,508	n/a	\$ -	\$ 1,471,968	\$ 1,471,968	n/a
Bypass, Delivery & Other Charges	\$ -	\$ (8,544)	\$ (8,544)	n/a	\$ -	\$ 375,039	\$ 375,039	n/a
Member Service Fee	\$ 2,387	\$ 2,170	\$ (217)	-9.1%	\$ 25,363	\$ 23,975	\$ (1,389)	-5.5%
<a href="#">Metal Sales &amp; Excess Residue</a>	\$ 5,708	\$ 13,882	\$ 8,173	143.2%	\$ 62,792	\$ 171,113	\$ 108,322	172.5%
Bulky Waste	\$ 20,400	\$ 2,891	\$ (17,509)	-85.8%	\$ 225,600	\$ 161,600	\$ (64,000)	-28.4%
<a href="#">Recycling Facility</a>	\$ -	\$ 9,622	\$ 9,622	n/a	\$ -	\$ 117,033	\$ 117,033	n/a
<a href="#">Electricity Sales</a>	\$ 392,576	\$ 1,137,922	\$ 745,347	189.9%	\$ 7,771,719	\$ 14,272,125	\$ 6,500,406	83.6%
Other Energy Markets	\$ 141,250	\$ 189,356	\$ 48,106	34.1%	\$ 3,925,282	\$ 5,082,004	\$ 1,156,723	29.5%
Misc. (Interest, Fees, Other)	\$ 1,666	\$ 1,000	\$ (666)	-40.0%	\$ 20,134	\$ 72,443	\$ 52,309	259.8%
<b>TOTAL ACCRUED REVENUES</b>	\$ 4,901,764	\$ 5,463,828	\$ 562,064	11.5%	\$ 58,125,225	\$ 64,380,485	\$ 6,255,259	10.8%
<b>EXPENDITURES</b>								
Administrative Expenses	\$ 189,230	\$ 151,926	\$ 37,304	19.7%	\$ 2,236,950	\$ 1,931,806	\$ 305,144	13.6%
Operational & Contingent . Exp.	\$ 220,412	\$ 161,890	\$ 58,522	26.6%	\$ 2,593,500	\$ 1,796,797	\$ 796,703	30.7%
PILOTs & Fees	\$ 196,442	\$ 194,271	\$ 2,171	1.1%	\$ 2,168,310	\$ 2,138,353	\$ 29,957	1.4%
Waste Transport	\$ 1,082,920	\$ 919,201	\$ 163,719	15.1%	\$ 11,433,217	\$ 10,502,366	\$ 930,851	8.1%
Recycling Facility	\$ 636,192	\$ 271,094	\$ 365,098	57.4%	\$ 6,496,280	\$ 2,911,369	\$ 3,584,911	55.2%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 86,716	\$ 60,413	\$ 26,303	30.3%	\$ 989,051	\$ 995,331	\$ (6,280)	-0.6%
NAES Contract Operating Charges	\$ 2,478,083	\$ 1,855,537	\$ 622,546	25.1%	\$ 27,937,203	\$ 26,596,960	\$ 1,340,243	4.8%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ 2,700,000	\$ -	\$ 2,700,000	n/a
NAES On-Site Incentive Comp.	\$ 86,326	\$ 86,326	\$ -	0.0%	\$ 949,586	\$ 834,451	\$ 115,135	12.1%
NAES Management Fees	\$ 104,818	\$ 96,835	\$ 7,983	7.6%	\$ 1,152,998	\$ 1,113,486	\$ 39,512	3.4%
Transfer Station - Ellington	\$ 1,141	\$ 320	\$ 821	72.0%	\$ 15,051	\$ 12,087	\$ 2,964	19.7%
Transfer Station - Essex	\$ 65,727	\$ 66,703	\$ (976)	-1.5%	\$ 724,547	\$ 725,046	\$ (499)	-0.1%
Transfer Station - Torrington	\$ 50,138	\$ 50,752	\$ (614)	-1.2%	\$ 553,068	\$ 548,844	\$ 4,224	0.8%
Transfer Station - Watertown	\$ 65,569	\$ 66,622	\$ (1,053)	-1.6%	\$ 722,809	\$ 724,761	\$ (1,952)	-0.3%
<b>TOTAL ACCRUED EXPENDITURES</b>	\$ 5,263,714	\$ 3,981,890	\$ 1,281,824	24.4%	\$ 60,672,570	\$ 50,831,657	\$ 9,840,913	16.2%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ (361,950)	\$ 1,481,938	\$ 1,843,888	-509%	\$ (2,547,345)	\$ 13,548,827	\$ 16,096,172	-632%
<b>DISTRIBUTION OF CSWS OPERATING INCOME</b>								
<a href="#">CSWS Improvement Fund</a>	\$ -	\$ -	\$ -	n/a	\$ 100,000	\$ 100,000	\$ -	0.0%
<a href="#">CSWS Major Maint. Fund</a>	\$ -	\$ -	\$ -	n/a	\$ 5,305,000	\$ 5,305,000	\$ -	0.0%
<a href="#">CSWS Risk Fund</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">CSWS Legal Reserve</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">MIRA Severance Reserve</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<b>TOTAL DISTRIBUTIONS</b>	\$ -	\$ -	\$ -	n/a	\$ 5,405,000	\$ 5,405,000	\$ -	0.0%
<b>SURPLUS / (DEFICIT)</b>	\$ (361,950)	\$ 1,481,938	\$ 1,843,888	-509%	\$ (7,952,345)	\$ 8,143,827	\$ 16,096,172	-202.4%



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

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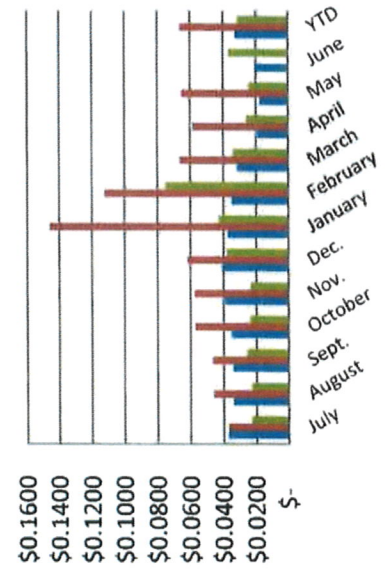
CSWS Electricity Production

Period Ending:

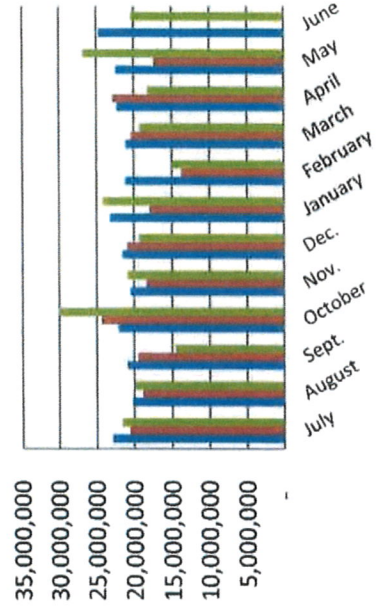
May 31, 2022

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	\$ 0.0467	\$ 0.0126	20,913,621	19,514,660	(1,398,961)	\$ 713,124	\$ 911,632	\$ 198,509
October	\$ 0.0350	\$ 0.0571	\$ 0.0221	22,098,687	24,364,910	2,266,223	\$ 773,238	\$ 1,391,233	\$ 617,995
Nov.	\$ 0.0389	\$ 0.0575	\$ 0.0186	20,477,905	18,369,720	(2,108,185)	\$ 796,000	\$ 1,056,427	\$ 260,428
Dec.	\$ 0.0407	\$ 0.0618	\$ 0.0211	21,522,531	20,911,650	(610,881)	\$ 876,170	\$ 1,291,817	\$ 415,647
January	\$ 0.0372	\$ 0.1461	\$ 0.1089	23,196,412	17,962,220	(5,234,192)	\$ 863,844	\$ 2,624,143	\$ 1,760,299
February	\$ 0.0348	\$ 0.1122	\$ 0.0774	21,127,012	13,729,900	(7,397,112)	\$ 735,201	\$ 1,540,907	\$ 805,706
March	\$ 0.0315	\$ 0.0665	\$ 0.0351	21,118,545	20,424,430	(694,115)	\$ 664,338	\$ 1,358,472	\$ 694,133
April	\$ 0.0190	\$ 0.0585	\$ 0.0395	22,276,288	22,809,840	533,552	\$ 423,302	\$ 1,333,477	\$ 910,176
May	\$ 0.0175	\$ 0.0654	\$ 0.0479	22,408,293	17,386,380	(5,021,913)	\$ 392,576	\$ 1,137,922	\$ 745,347
June	\$ 0.0208	-	n/a	24,704,979	n/a	n/a	\$ 512,781	n/a	n/a
<b>YTD</b>	\$ 0.0326	\$ 0.0664	\$ 0.0338	<b>238,295,021</b>	<b>214,961,420</b>	<b>(23,333,601)</b>	<b>7,771,719</b>	<b>14,272,125</b>	<b>\$ 6,500,406</b>
YTD % Var.			103.6%			-9.8%			83.6%

Price / kWh



Production (KWh)



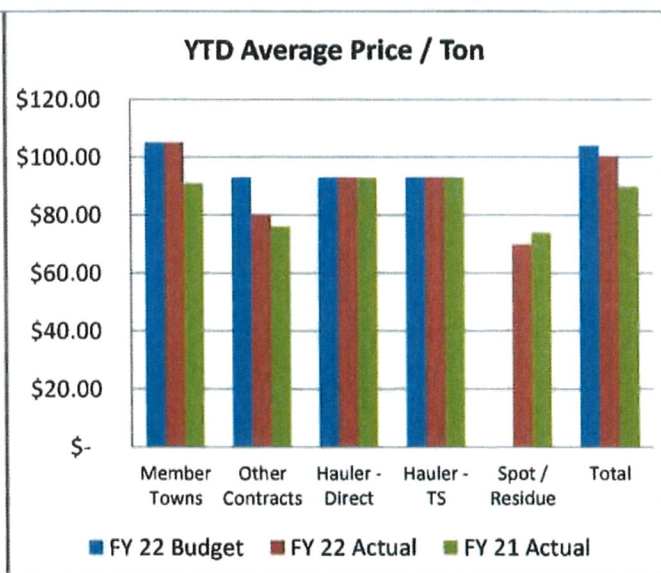
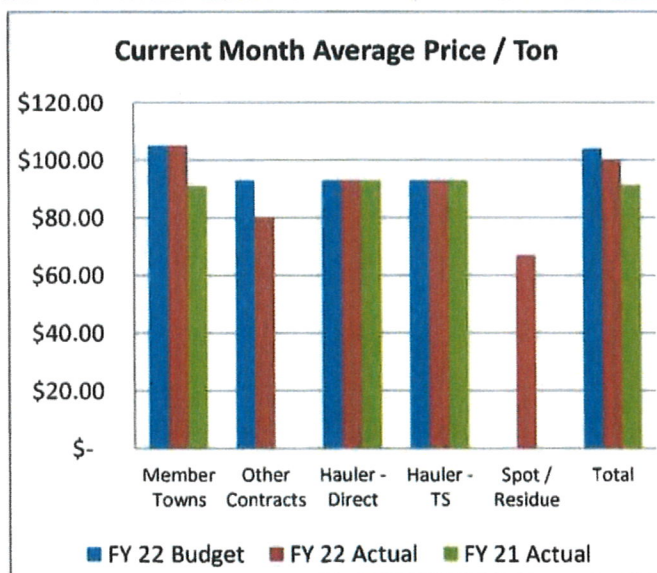


CSWS Solid Waste Summary

Period Ending:

**May 31, 2022**

FY 22 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	37,770	\$ 3,968,809	\$ 105.08	401,356	\$ 42,173,589	\$ 105.08
<u>Other Contracts</u>	1,253	\$ 116,529	\$ 93.00	13,788	\$ 1,282,284	\$ 93.00
<u>Hauler - Direct</u>	1,842	\$ 171,266	\$ 93.00	19,096	\$ 1,775,898	\$ 93.00
<u>Hauler - TS</u>	873	\$ 81,173	\$ 93.00	9,275	\$ 862,564	\$ 93.00
<u>Spot / Residue</u>	-	\$ -	\$ -	-	\$ -	\$ -
<b>Total</b>	<b>41,738</b>	<b>\$ 4,337,777</b>	<b>\$ 103.93</b>	<b>443,515</b>	<b>\$ 46,094,336</b>	<b>\$ 103.93</b>
<b>FY 22 Actual</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>
Member Towns	30,726	\$ 3,229,137	\$ 105.10	338,213	\$ 35,542,809	\$ 105.09
Other Contracts	4,101	\$ 328,112	\$ 80.00	29,304	\$ 2,344,323	\$ 80.00
Hauler - Direct	3,433	\$ 319,225	\$ 93.00	32,617	\$ 3,033,385	\$ 93.00
Hauler - TS	1,726	\$ 160,547	\$ 93.00	18,411	\$ 1,712,669	\$ 93.02
Spot / Residue	1,172	\$ 78,508	\$ 66.98	21,103	\$ 1,471,968	\$ 69.75
<b>Total</b>	<b>41,158</b>	<b>\$ 4,115,530</b>	<b>\$ 99.99</b>	<b>439,648</b>	<b>\$ 44,105,153</b>	<b>\$ 100.32</b>
<b>Variance</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>
Member Towns	(7,045)	\$ (739,672)	\$ 0.02	(63,143)	\$ (6,630,781)	\$ 0.01
Other Contracts	2,848	\$ 211,583	\$ (13.00)	15,516	\$ 1,062,039	\$ (13.00)
Hauler - Direct	1,591	\$ 147,959	\$ -	13,521	\$ 1,257,487	\$ -
Hauler - TS	853	\$ 79,374	\$ -	9,136	\$ 850,104	\$ 0.02
Spot / Residue	1,172	\$ 78,508	\$ 66.98	21,103	\$ 1,471,968	\$ 69.75
<b>Total</b>	<b>(580)</b>	<b>\$ (222,247)</b>	<b>\$ (3.94)</b>	<b>(3,867)</b>	<b>\$ (1,989,183)</b>	<b>\$ (3.61)</b>
<b>Total % Var.</b>	<b>-1.4%</b>	<b>-5.1%</b>	<b>-3.8%</b>	<b>-0.9%</b>	<b>-4.3%</b>	<b>-3.5%</b>





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

[Narrative](#)

Period Ending:

May 31, 2022

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	\$ -	\$ 602,581	\$ 5,704,088	\$ 189,611	\$ -	\$ 6,496,280

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	2.85	-	5.34	57.49	65.68	\$ 117	\$ 7,685	\$ 53,043	\$ 118,399	\$ 7,093	\$ (23,581)	\$ 154,955
October	1.42	-	5.80	89.92	97.14	\$ 117	\$ 11,365	\$ 48,982	\$ 127,878	\$ 39,299	\$ 4,163	\$ 220,322
November	10.45	-	7.93	82.88	101.26	\$ 117	\$ 11,847	\$ 54,337	\$ 182,436	\$ (25,233)	\$ 252	\$ 211,792
December	26.86	-	8.58	98.23	133.67	\$ 117	\$ 15,639	\$ 58,152	\$ 262,646	\$ 8,803	\$ -	\$ 329,601
January	35.66	-	5.21	68.21	109.08	\$ 117	\$ 12,762	\$ 48,150	\$ 260,575	\$ 26,996	\$ -	\$ 335,721
February	22.18	-	3.95	68.00	94.13	\$ 117	\$ 11,013	\$ 42,526	\$ 216,636	\$ 10,053	\$ 298	\$ 269,513
March	28.99	-	5.75	69.05	103.79	\$ 117	\$ 12,143	\$ 52,451	\$ 226,848	\$ 9,861	\$ -	\$ 289,160
April	19.48	-	11.02	37.24	67.74	\$ 117	\$ 7,926	\$ 54,318	\$ 197,266	\$ 12,923	\$ 1,604	\$ 266,111
May	26.27	-	6.69	49.28	82.24	\$ 117	\$ 9,622	\$ 54,895	\$ 202,033	\$ 14,166	\$ -	\$ 271,094
June	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YTD	180.44	-	69.96	749.88	1,000.28	\$ 117	\$ 117,033	\$ 575,348	\$ 2,196,406	\$ 123,871	\$ 15,744	\$ 2,911,369

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	2.85	-	5.34	57.49	65.68	\$ -	\$ 7,685	\$ 69	\$ (384,708)	\$ (9,758)	\$ (23,581)	\$ (417,977)
October	1.42	-	5.80	89.92	97.14	\$ -	\$ 11,365	\$ (7,965)	\$ (409,211)	\$ 22,448	\$ 4,163	\$ (390,566)
November	10.45	-	7.93	82.88	101.26	\$ -	\$ 11,847	\$ 1,363	\$ (320,670)	\$ (42,084)	\$ 252	\$ (361,140)
December	26.86	-	8.58	98.23	133.67	\$ -	\$ 15,639	\$ (782)	\$ (291,435)	\$ (8,048)	\$ -	\$ (300,265)
January	35.66	-	5.21	68.21	109.08	\$ -	\$ 12,762	\$ (7,473)	\$ (265,187)	\$ 10,145	\$ -	\$ (262,515)
February	22.18	-	3.95	68.00	94.13	\$ -	\$ 11,013	\$ (1,840)	\$ (212,840)	\$ (6,798)	\$ 298	\$ (221,181)
March	28.99	-	5.75	69.05	103.79	\$ -	\$ 12,143	\$ 2,788	\$ (247,940)	\$ (6,990)	\$ -	\$ (252,142)
April	19.48	-	11.02	37.24	67.74	\$ -	\$ 7,926	\$ (2,629)	\$ (339,824)	\$ (3,928)	\$ 1,604	\$ (344,777)
May	26.27	-	6.69	49.28	82.24	\$ -	\$ 9,622	\$ (4,701)	\$ (357,712)	\$ (2,685)	\$ -	\$ (365,098)
June	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YTD	180.44	-	69.96	749.88	1,000.28	\$ -	\$ 117,033	\$ (27,233)	\$ (3,507,682)	\$ (65,740)	\$ 15,744	\$ (3,584,911)



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

[Narrative](#)

Period Ending:

May 31, 2022

Budget FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	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
<b>YTD</b>	<b>7,280.00</b>	<b>\$ 22.78</b>	<b>165,838</b>	<b>7,371.00</b>	<b>\$ 37.49</b>	<b>276,339</b>	<b>6,734.00</b>	<b>\$ 23.82</b>	<b>160,404</b>	<b>\$ 602,581</b>

Actual FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	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	543.60	\$ 21.99	\$ 11,954	733.68	\$ 38.41	\$ 28,181	551.67	\$ 23.40	\$ 12,909	\$ 53,043
October	500.29	\$ 22.35	\$ 11,181	662.06	\$ 38.42	\$ 25,436	553.20	\$ 22.35	\$ 12,364	\$ 48,982
November	565.62	\$ 22.62	\$ 12,794	703.00	\$ 38.87	\$ 27,326	599.88	\$ 23.70	\$ 14,217	\$ 54,337
December	689.59	\$ 22.74	\$ 15,681	741.15	\$ 39.06	\$ 28,949	567.88	\$ 23.81	\$ 13,521	\$ 58,152
January	553.29	\$ 22.74	\$ 12,582	603.04	\$ 39.06	\$ 23,555	504.34	\$ 23.82	\$ 12,013	\$ 48,150
February	479.86	\$ 22.75	\$ 10,917	523.55	\$ 39.09	\$ 20,466	467.63	\$ 23.83	\$ 11,144	\$ 42,526
March	570.83	\$ 23.00	\$ 13,129	661.02	\$ 39.49	\$ 26,104	548.72	\$ 24.09	\$ 13,219	\$ 52,451
April	590.08	\$ 24.04	\$ 14,186	651.31	\$ 41.20	\$ 26,834	528.13	\$ 25.18	\$ 13,298	\$ 54,318
May	607.30	\$ 24.21	\$ 14,703	636.57	\$ 41.48	\$ 26,405	543.89	\$ 25.35	\$ 13,788	\$ 54,895
June			\$ -			\$ -			\$ -	\$ -
<b>YTD</b>	<b>6,269.06</b>	<b>\$ 22.84</b>	<b>143,186</b>	<b>7,413.37</b>	<b>\$ 39.21</b>	<b>290,685</b>	<b>5,935.72</b>	<b>\$ 23.83</b>	<b>141,477</b>	<b>\$ 575,348</b>

Variance FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	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	(96.40)	(0.79)	(2,625)	85.68	0.92	3,887	(40.33)	(0.42)	(1,192)	69
October	(187.71)	(0.43)	(4,491)	(34.54)	0.93	(679)	(83.20)	(1.47)	(2,795)	(7,965)
November	(74.38)	(0.16)	(1,785)	55.00	1.38	3,032	7.88	(0.12)	116	1,363
December	(22.41)	(0.04)	(538)	20.25	1.57	1,923	(90.72)	(0.01)	(2,167)	(782)
January	(118.71)	(0.04)	(2,726)	(77.36)	1.57	(1,953)	(117.26)	-	(2,793)	(7,473)
February	(56.14)	(0.03)	(1,293)	(19.15)	1.60	120	(28.17)	0.01	(666)	(1,840)
March	(29.17)	0.22	(539)	53.52	2.00	3,329	(6.28)	0.27	(1)	2,788
April	(97.92)	1.26	(1,487)	(45.29)	3.71	718	(108.27)	1.36	(1,861)	(2,629)
May	(112.70)	1.43	(1,699)	(92.43)	3.99	(925)	(122.11)	1.53	(2,077)	(4,701)
June										
<b>YTD</b>	<b>(1,010.94)</b>	<b>0.06</b>	<b>(22,653)</b>	<b>42.37</b>	<b>1.72</b>	<b>14,346</b>	<b>(798.28)</b>	<b>0.01</b>	<b>(18,927)</b>	<b>(27,233)</b>



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

[Narrative](#)

Period Ending:

May 31, 2022

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
<b>YTD</b>	<b>29,530</b>	<b>30.00</b>	<b>885,885</b>	<b>50,050</b>	<b>\$ 85.00</b>	<b>\$ 0.28</b>	<b>\$ 85.28</b>	<b>4,268,203</b>	<b>550,000</b>	<b>\$ 5,704,088</b>

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	4,116.4	\$ 85.00	\$ (63.16)	\$ 21.84	\$ 89,901	\$ 50,000	\$ 262,319
August	2,237.66	\$ 30.00	\$ 67,130	4,043.8	\$ 85.00	\$ (79.50)	\$ 5.50	\$ 22,241	\$ 50,000	\$ 139,371
September	2,147.28	\$ 30.00	\$ 64,418	4,020.7	\$ 85.00	\$ (84.01)	\$ 0.99	\$ 3,980	\$ 50,000	\$ 118,399
October	2,280.23	\$ 30.00	\$ 68,407	4,013.2	\$ 85.00	\$ (82.64)	\$ 2.36	\$ 9,471	\$ 50,000	\$ 127,878
November	2,357.92	\$ 30.00	\$ 70,738	4,252.14	\$ 85.00	\$ (70.49)	\$ 14.51	\$ 61,699	\$ 50,000	\$ 182,436
December	2,299.76	\$ 30.00	\$ 68,993	4,501.83	\$ 85.00	\$ (53.09)	\$ 31.91	\$ 143,653	\$ 50,000	\$ 262,646
January	2,286.11	\$ 30.00	\$ 68,583	3,940.93	\$ 85.00	\$ (48.97)	\$ 36.03	\$ 141,992	\$ 50,000	\$ 260,575
February	1,878.37	\$ 30.00	\$ 56,351	3,282.30	\$ 85.00	\$ (51.40)	\$ 33.60	\$ 110,285	\$ 50,000	\$ 216,636
March	2,313.80	\$ 30.00	\$ 69,414	4,089.59	\$ 85.00	\$ (58.73)	\$ 26.27	\$ 107,434	\$ 50,000	\$ 226,848
April	2,001.70	\$ 30.00	\$ 60,051	3,775.52	\$ 85.00	\$ (61.90)	\$ 23.10	\$ 87,215	\$ 50,000	\$ 197,266
May	2,180.08	\$ 30.00	\$ 65,402	3,979.35	\$ 85.00	\$ (63.23)	\$ 21.77	\$ 86,630	\$ 50,000	\$ 202,033
June			\$ -				\$ -	\$ -		\$ -
<b>YTD</b>	<b>26,064</b>	<b>\$ 30.00</b>	<b>781,905</b>	<b>44,016</b>	<b>\$ 85.00</b>	<b>\$ 65.36</b>	<b>\$ 19.64</b>	<b>864,501</b>	<b>550,000</b>	<b>\$ 2,196,406</b>

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	(778.6)	-	(63.44)	(63.44)	(327,538)	-	(291,762)
August	(488.14)	-	(14,644)	(576.2)	-	(79.78)	(79.78)	(371,747)	-	(386,391)
September	(448.72)	-	(13,462)	(379.3)	-	(84.29)	(84.29)	(371,246)	-	(384,708)
October	(510.47)	-	(15,314)	(716.8)	-	(82.92)	(82.92)	(393,897)	-	(409,211)
November	(238.08)	-	(7,142)	(147.9)	-	(70.77)	(70.77)	(313,528)	-	(320,670)
December	(588.29)	-	(17,649)	(393.17)	-	(53.37)	(53.37)	(273,786)	-	(291,435)
January	(439.69)	-	(13,191)	(679.07)	-	(49.25)	(49.25)	(251,996)	-	(265,187)
February	(295.78)	-	(8,873)	(402.70)	-	(51.68)	(51.68)	(203,967)	-	(212,840)
March	(119.95)	-	(3,599)	(35.41)	-	(59.01)	(59.01)	(244,341)	-	(247,940)
April	(789.00)	-	(23,670)	(954.48)	-	(62.18)	(62.18)	(316,154)	-	(339,824)
May	(740.42)	-	(22,213)	(970.65)	-	(63.51)	(63.51)	(335,500)	-	(357,712)
June										
<b>YTD</b>	<b>(3,466)</b>	<b>-</b>	<b>(103,980)</b>	<b>(6,034)</b>	<b>-</b>	<b>65.08</b>	<b>(65.64)</b>	<b>(3,403,702)</b>	<b>-</b>	<b>(3,507,682)</b>



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
<b>YTD</b>	<b>320.83</b>	<b>\$ 38.57</b>	<b>\$ -</b>	<b>\$ 38.57</b>	<b>12,375</b>	<b>458.33</b>	<b>\$ 110.00</b>	<b>\$ -</b>	<b>\$ 110.00</b>	<b>50,417</b>	<b>\$ 62,792</b>

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	97.14	\$ 110.00	\$ (7.00)	\$ 103.00	\$ 10,005	13.61	\$ 165.00	\$ 41.67	\$ 206.67	\$ 2,813	\$ 12,818
October	93.27	\$ 110.00	\$ (7.00)	\$ 103.00	\$ 9,607	15.07	\$ 165.00	\$ 42.00	\$ 207.00	\$ 3,119	\$ 12,726
November	109.73	\$ 110.00	\$ 31.50	\$ 141.50	\$ 15,527	9.16	\$ 165.00	\$ 67.50	\$ 232.50	\$ 2,130	\$ 17,656
December	79.91	\$ 110.00	\$ 38.50	\$ 148.50	\$ 11,867	26.86	\$ 165.00	\$ 67.50	\$ 232.50	\$ 6,244	\$ 18,111
January	103.53	\$ 110.00	\$ 7.00	\$ 117.00	\$ 12,113	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ 12,113
February	43.43	\$ 110.00	\$ 7.00	\$ 117.00	\$ 5,081	10.05	\$ 165.00	\$ 38.34	\$ 203.34	\$ 2,044	\$ 7,125
March	72.83	\$ 110.00	\$ 94.50	\$ 204.50	\$ 14,894	19.79	\$ 165.00	\$ 71.67	\$ 236.67	\$ 4,684	\$ 19,577
April	99.63	\$ 110.00	\$ 94.50	\$ 204.50	\$ 20,374	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ 20,374
May	52.55	\$ 110.00	\$ 42.00	\$ 152.00	\$ 7,988	26.59	\$ 165.00	\$ 56.67	\$ 221.67	\$ 5,894	\$ 13,882
June				\$ -	\$ -				\$ -	\$ -	\$ -
<b>YTD</b>	<b>936.85</b>	<b>\$ 110.00</b>	<b>\$ 30.16</b>	<b>\$ 140.16</b>	<b>131,305</b>	<b>179.31</b>	<b>\$ 165.00</b>	<b>\$ 57.01</b>	<b>\$ 222.01</b>	<b>39,807.76</b>	<b>\$ 171,113</b>

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	67.97	71.43	(7.00)	64.43	8,880.42	(28.06)	55.00	41.67	96.67	(1,770.55)	7,109.87
October	64.10	71.43	(7.00)	64.43	8,481.81	(26.60)	55.00	42.00	97.00	(1,463.84)	7,017.97
November	80.56	71.43	31.50	102.93	14,401.80	(32.51)	55.00	67.50	122.50	(2,453.63)	11,948.16
December	50.74	71.43	38.50	109.93	10,741.64	(14.81)	55.00	67.50	122.50	1,660.96	12,402.59
January	74.36	71.43	7.00	78.43	10,988.01	(41.67)	55.00	-	55.00	(4,583.33)	6,404.68
February	14.26	71.43	7.00	78.43	3,956.31	(31.62)	55.00	38.34	93.34	(2,539.77)	1,416.54
March	43.66	71.43	94.50	165.93	13,768.74	(21.88)	55.00	71.67	126.67	100.37	13,869.10
April	70.46	71.43	94.50	165.93	19,249.34	(41.67)	55.00	-	55.00	(4,583.33)	14,666.00
May	23.38	71.43	42.00	113.43	6,862.60	(15.08)	55.00	56.67	111.67	1,310.87	8,173.47
June											
<b>YTD</b>	<b>616.02</b>	<b>71.43</b>	<b>30.16</b>	<b>101.58</b>	<b>118,930.5</b>	<b>(279.03)</b>	<b>55.00</b>	<b>57.01</b>	<b>112.01</b>	<b>(10,608.91)</b>	<b>108,321.6</b>



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

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **May 31, 2022**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<b>Jets Electric:</b>								
Capacity Payments	\$ 687,671	\$ 711,754	\$ 24,083	3.5%	\$ 7,564,381	\$ 8,073,410	\$ 509,029	6.7%
VARs Payments	\$ 3,184	\$ 3,117	\$ (67)	-2.1%	\$ 35,024	\$ 33,843	\$ (1,181)	-3.4%
Reserve Credits	\$ 37,500	\$ 46,972	\$ 9,472	25.3%	\$ 412,500	\$ 663,862	\$ 251,362	60.9%
Real Time Energy	\$ 50,000	\$ 11,638	\$ (38,362)	-76.7%	\$ 550,000	\$ 543,904	\$ (6,096)	-1.1%
Total Jets Electric	\$ 778,355	\$ 773,481	\$ (4,874)	-0.6%	\$ 8,561,905	\$ 9,315,019	\$ 753,114	8.8%
<b>Lease Income:</b>								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ -	\$ (1,664)	n/a	\$ 18,301	\$ 16,640	\$ (1,661)	-9.1%
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ -	0.0%	\$ 418,869	\$ 418,869	\$ -	0.0%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,350	\$ 60,116	\$ 14,766	32.6%
Total Lease Income	\$ 39,743	\$ 38,079	\$ (1,664)	-4.2%	\$ 482,520	\$ 495,625	\$ 13,105	2.7%
<b>South Central Facility Capacity</b>								
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ -	\$ -	\$ -	n/a	\$ 187,500	\$ 14,202	\$ (173,298)	-92.4%
<b>TOTAL ACCRUED REVENUES</b>	<b>\$ 818,098</b>	<b>\$ 811,560</b>	<b>\$ (6,538)</b>	<b>-0.8%</b>	<b>\$ 9,231,925</b>	<b>\$ 9,824,846</b>	<b>\$ 592,921</b>	<b>6.4%</b>
<b>EXPENDITURES</b>								
MIRA Non-Personnel Services	\$ 16,771	\$ -	\$ 16,771	n/a	\$ 197,089	\$ 12,645	\$ 184,444	93.6%
MIRA Allocated Costs	\$ 64,295	\$ 62,350	\$ 1,945	3.0%	\$ 761,592	\$ 679,825	\$ 81,767	10.7%
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	\$ 800	\$ 1,469	64.7%	\$ 24,959	\$ 12,998	\$ 11,961	47.9%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 140,877	\$ 263,938	\$ (123,061)	-87.4%	\$ 1,583,647	\$ 1,366,020	\$ 217,627	13.7%
<b>TOTAL ACCRUED EXPENDITURES</b>	<b>\$ 224,212</b>	<b>\$ 327,088</b>	<b>\$ (102,876)</b>	<b>-45.9%</b>	<b>\$ 2,577,787</b>	<b>\$ 2,081,538</b>	<b>\$ 496,249</b>	<b>19.3%</b>
<b>OPERATING INCOME</b> (Before Reserves / Transfers)	<b>\$ 593,886</b>	<b>\$ 484,472</b>	<b>\$ (109,414)</b>	<b>-18.4%</b>	<b>\$ 6,654,138</b>	<b>\$ 7,743,308</b>	<b>\$ 1,089,170</b>	<b>16.4%</b>
<b>DISTRIBUTION OF PD OPERATING INCOME</b>								
General Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Major Maintenance	\$ -	\$ 484,472	\$ 484,472	n/a	\$ -	\$ -	\$ -	n/a
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<b>TOTAL DISTRIBUTIONS</b>	<b>\$ -</b>	<b>\$ 484,472</b>	<b>\$ 484,472</b>	<b>n/a</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>n/a</b>
<b>SURPLUS / (DEFICIT)</b>	<b>\$ 593,886</b>	<b>\$ -</b>	<b>\$ (593,886)</b>	<b>n/a</b>	<b>\$ 6,654,138</b>	<b>\$ 7,743,308</b>	<b>\$ 1,089,170</b>	<b>16.4%</b>



Property Division and CSWS Flow of Funds

Period Ending: **May 31, 2022**  
 Transfer Date: **June 9, 2022**  
 Funding: **July**

Property Division Receipts	Beginning Balance	Interest (+)	Receipts (+)	Adjustments (+/-)	Net Receipts to Distribution (-)	Ending Balance
Clearing Account	\$ 1,000.00		\$ 822,257.06		\$ 822,257.06	\$ 1,000.00
<b>Property Division Disbursements</b>						
Property Division Disbursements	Beginning Balance	Interest (+)	Expenditures (-)	Adjustments (+/-)	Distribution of Net Receipts (+/-)	Ending Balance
PD Operating Fund	\$ 2,233,510.73	\$ 2,161.05	\$ 347,148.84		\$ 185,098.95	\$ 2,073,621.89
PD General Fund	\$ 8,423,554.07	\$ 5,670.59			\$ 637,158.11	\$ 9,066,382.77
PD Improvement Fund	\$ 260,179.85			\$ 2,813.87		\$ 262,993.72
PD Jets Major Maintenance	\$ 796,000.00					\$ 796,000.00
Decommissioning Reserve	\$ 3,300,782.08	\$ 2,318.29				\$ 3,303,100.37
MIRA 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					Combined Below
<b>Total</b>	<b>\$ 15,014,026.73</b>	<b>\$ 10,149.93</b>	<b>\$ 347,148.84</b>	<b>\$ 2,813.87</b>	<b>\$ 822,257.06</b>	<b>\$ 15,502,098.75</b>
<b>CSWS Division Receipts</b>						
CSWS Division Receipts	Beginning Balance	Interest (+)	Receipts (+)	Adjustments (+/-)	Net Receipts to Distribution (-)	Ending Balance
Clearing Account	\$ 40,000.00		\$ 5,593,922.13		\$ 5,593,922.13	\$ 40,000.00
<b>CSWS Division Disbursements</b>						
CSWS Division Disbursements	Beginning Balance	Interest (+)	Expenditures (-)	Adjustments (+/-)	Distribution of Net Receipts (+/-)	Ending Balance
CSWS Operating STIF	\$ 18,347,224.82	\$ 11,573.90	\$ 4,315,221.61		\$ 5,158,033.10	\$ 19,201,610.21
CSWS Debt Service Fund	\$ 3,875.01					\$ 3,875.01
CSWS General Fund	\$ 1,101.96	\$ 0.80				\$ 1,102.76
CSWS Risk Fund	\$ 898,272.96	\$ 630.93				\$ 898,903.89
CSWS Legal Reserve	\$ 554,351.81	\$ 389.34				\$ 554,741.15
MIRA Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below				\$ 1,000,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (564,110.97)	Combined Below
<b>Total</b>	<b>\$ 19,804,826.56</b>	<b>\$ 12,594.97</b>	<b>\$ 4,315,221.61</b>	<b>\$ -</b>	<b>\$ 5,593,922.13</b>	<b>\$ 20,660,233.02</b>
<b>Combined</b>						
Severance Fund	\$ 2,544,459.25	\$ 1,787.09			\$ -	\$ 2,546,246.34
CSWS Improvement Fund	\$ 319,447.51				\$ -	\$ 319,447.51
CSWS Major Maintenance	\$ 3,741,617.57	\$ 2,836.89		\$ 799,542.14	\$ 1,000,000.00	\$ 5,543,996.60
CSWS Tip Fee Stabilization	\$ 5,560,580.50	\$ 4,249.72			\$ (564,110.97)	\$ 5,000,719.25
<b>Other Division Balances</b>						
Other Division Balances	Beginning Balance	Interest (+)	Receipts (+)	Expenditures (-)	Adjustments (+/-)	Ending Balance
General Fund Checking	\$ 1,142,348.29		\$ 317,836.37	\$ 200,929.00		\$ 1,259,255.66
Hartford Solar Reserve	\$ 335,373.24	\$ 235.55				\$ 335,608.79
Pollution Insurance Reserve	\$ -					\$ -
Landfill Operating Account	\$ 2,147,630.31		\$ 73,826.57	\$ 7,235.01		\$ 2,214,221.87

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.
- Decommissioning Reserve of \$3.3 million was established pursuant to Board resolution. Interest earnings are being retained in the reserve account.
- At the beginning of January 2022, the CSWS received a total of \$5,640,000.00 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 May 31, 2022, a total of \$427,887.91 remained available on customer accounts.
- After the distribution of May cash receipts, a total of \$62,930,324.77 remained due to the Tip Fee Stabilization Fund from the CSWS.
- A total of \$7,170,656.00 YTD has been contributed to the CSWS Tip Fee Stabilization reserve from the Property Division receipts.

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

Narrative

Period Ending:

05/31/22

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
<b>WASTE PROCESSING FACILITY</b>						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	100,000	\$ -	\$ 100,000
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
<b>POWER BLOCK FACILITY</b>						
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
IM Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TRANSFER STATIONS</b>						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watertown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL CSWS IMPROVEMENT FUND</b>	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

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

Narrative

Period Ending:

05/31/22

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
<b>WASTE PROCESSING FACILITY</b>						
Trommels	\$ -	\$ (1,871)	\$ 1,871	\$ -	\$ (1,871)	\$ 1,871
Conveyors	\$ -	\$ (145,854)	\$ 145,854	\$ 50,000	\$ (96,535)	\$ 146,535
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ (1,097)	\$ 1,097	\$ -	\$ (1,097)	\$ 1,097
Roof Repairs	\$ -	\$ (1,720)	\$ 1,720	\$ 65,000	\$ (1,720)	\$ 66,720
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ (1,394)	\$ 1,394	\$ -	\$ (1,394)	\$ 1,394
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ (151,936)	\$ 151,936	\$ 115,000	\$ (102,617)	\$ 217,617
<b>POWER BLOCK FACILITY</b>						
Boiler 11	\$ -	\$ (185,126)	\$ 185,126	\$ 2,045,000	\$ 1,149,550	\$ 895,450
Boiler 12	\$ -	\$ (181,550)	\$ 181,550	\$ 2,070,000	\$ 1,109,603	\$ 960,398
Boiler 13	\$ -	\$ (187,273)	\$ 187,273	\$ -	\$ (197,350)	\$ 197,350
Turbine 5	\$ -	\$ (4,913)	\$ 4,913	\$ -	\$ (4,913)	\$ 4,913
Turbine 6	\$ -	\$ (1,391)	\$ 1,391	\$ -	\$ (1,391)	\$ 1,391
Baghouse	\$ -	\$ (39,986)	\$ 39,986	\$ 675,000	\$ 402,228	\$ 272,772
Auxiliary Systems	\$ -	\$ (3,026)	\$ 3,026	\$ 225,000	\$ (287,498)	\$ 512,498
Building Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ 39,750	\$ 10,250
Roof Repairs	\$ -	\$ (6,944)	\$ 6,944	\$ 75,000	\$ (6,944)	\$ 81,944
Site Repairs	\$ -	\$ (333)	\$ 333	\$ 50,000	\$ 13,967	\$ 36,033
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ (28,080)	\$ 28,080	\$ -	\$ (28,080)	\$ 28,080
Ash System / Load Out	\$ -	\$ (8,985)	\$ 8,985	\$ -	\$ 48,003	\$ (48,003)
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ (647,607)	\$ 647,607	\$ 5,190,000	\$ 2,236,925	\$ 2,953,075
<b>TRANSFER STATIONS</b>						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL CSWS MAJOR MAINTENANCE FUND</b>	\$ -	\$ (799,542.14)	\$ 799,542	\$ 5,305,000	\$ 2,134,308	\$ 3,170,692

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

Segmented Income Statement

DRAFT  
Period Ending: May 31, 2022

**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.

	General Fund	Connecticut				Eliminations	Total	
		Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division			
<b>Operating Revenues</b>								
Service charges:								
Members	\$ -	\$ 35,543	\$ -	\$ -	\$ -	\$ 35,543		
Others	-	9,003	-	-	-	9,003		
Energy sales	-	19,354	-	9,315	103	28,772		
Other operating revenues	-	469	-	496	9	974		
<b>Total Operating Revenues</b>	-	64,369	-	9,811	112	74,292		
<b>Operating Expenses</b>								
Solid waste operations	-	43,213	-	4,849	101	48,174		
Maintenance and utilities	-	2,982	-	294	-	3,276		
Legal services - external	-	167	-	-	-	167		
Administrative and Operational services	-	3,080	-	664	52	3,796		
<b>Total Operating Expenses</b>	-	49,442	-	5,807	153	55,413		
<b>Operating Income (Loss) before Depreciation and Amortization</b>	-	14,927	-	4,004	(41)	18,879		
Depreciation and amortization	12	-	-	1,316	103	1,431		
<b>Operating Income (Loss)</b>	(12)	14,927	-	2,688	(144)	17,448		
<b>Non-Operating Revenues (Expenses)</b>								
Investment income	-	12	41	14	-	67		
Settlement income (expense)	-	-	-	(41)	-	(34)		
Other income (expense)	-	-	2	-	-	2		
Distribution to SCRRRA	-	-	-	-	-	-		
<b>Non-Operating Revenues (Expenses), net</b>	\$	12	43	(27)	-	33		
Income (Loss) before Transfers	(7)	14,939	43	2,661	(144)	17,481		
Transfers in (out)	-	(100)	-	100	11	11		
<b>Change in Net Position</b>	(7)	14,839	43	2,761	(144)	17,492		
<b>Total Net Position, beginning of period</b>	3,426	(10,967)	0	57,700	20,621	70,780		
<b>Total Net Position, end of period</b>	\$	3,419	\$	43	\$	20,477	\$	88,272

RECONCILIATION TO VARIANCE REPORT:

Add: Expenses paid from reserves	12	2,222	0	198	-	2,420
Add: Amortization	-	-	-	1,316	103	1,431
Less: GAAP Exp (Deferred for Budget)	-	(48)	-	(67)	-	(115)
add: Spare parts and fuel inventory adjustment	-	-	-	-	-	-
add: Capitalized expenses net of asset disposals	-	-	-	-	-	-
add: Settlement Income	-	(3,564)	-	3,635	-	-
<b>Other</b>	-	13,549	af/a	7,743	af/a	21,292

Note: Monthly variance report produced for General fund, Property Division and CSWS only.  
Note: Eliminations and depreciation are preliminary amounts.  
Other: Sept/20 - REC's were billed and in the GL for Sept/20 sh/b billed in October/20



**THE AUTHORITY - FINANCIAL RESULTS**

*For the Period Ending May 31, 2022*

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
<b>Authority Budget</b>								
Personnel Services (a)	\$ 195,983	\$ 160,933	\$ 35,050	17.88%	\$ 2,349,255	\$ 1,937,686	\$ 411,569	17.52%
Non-Personnel Services (b)	\$ 54,281	\$ 39,996	\$ 14,285	26.32%	\$ 609,203	\$ 619,447	\$ (10,244)	-1.68%
<b>Total Authority Budget</b>	<b>\$ 250,264</b>	<b>\$ 200,929</b>	<b>\$ 49,335</b>	<b>19.71%</b>	<b>\$ 2,958,458</b>	<b>\$ 2,557,133</b>	<b>\$ 401,325</b>	<b>13.57%</b>
LESS: STIF Interest Income	\$ -	\$ -	\$ -	100.00%	\$ -	\$ 2,237	\$ (2,237)	100.00%
<b>TOTAL AUTHORITY BUDGET ALLOCATED</b>	<b>\$ 250,264</b>	<b>\$ 200,929</b>	<b>\$ 49,335</b>	<b>19.71%</b>	<b>\$ 2,958,458</b>	<b>\$ 2,554,896</b>	<b>\$ 403,562</b>	<b>13.64%</b>
<b>Authority Budget Allocation</b>								
Landfill Division	\$ 6,033	\$ 4,844	\$ 1,189	19.70%	\$ 71,319	\$ 61,599	\$ 9,720	13.63%
Property Division	\$ 55,001	\$ 44,158	\$ 10,843	19.71%	\$ 650,189	\$ 561,489	\$ 88,700	13.64%
CSWS Division	\$ 189,230	\$ 151,926	\$ 37,304	19.71%	\$ 2,236,950	\$ 1,931,808	\$ 305,142	13.64%
<b>TOTAL AUTHORITY BUDGET ALLOCATED</b>	<b>\$ 250,264</b>	<b>\$ 200,929</b>	<b>\$ 49,335</b>	<b>19.71%</b>	<b>\$ 2,958,458</b>	<b>\$ 2,554,896</b>	<b>\$ 403,562</b>	<b>13.64%</b>
<b>MIRA Direct Personnel</b>								
Landfill Division	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/c
Property Division	\$ 9,293	\$ 18,191	\$ (8,898)	-95.75%	\$ 111,399	\$ 118,336	\$ (6,937)	-6.23%
CSWS Division	\$ 113,235	\$ 154,152	\$ (40,917)	-36.13%	\$ 1,357,347	\$ 1,355,230	\$ 2,117	0.16%
<b>TOTAL MIRA DIRECT</b>	<b>\$ 122,528</b>	<b>\$ 172,343</b>	<b>\$ (49,815)</b>	<b>-40.66%</b>	<b>\$ 1,468,746</b>	<b>\$ 1,473,566</b>	<b>\$ (4,820)</b>	<b>-0.33%</b>
<b>Total Allocation</b>								
Landfill Division	\$ 6,033	\$ 4,844	\$ 1,189	19.70%	\$ 71,319	\$ 61,599	\$ 9,720	13.63%
Property Division	\$ 64,294	\$ 62,350	\$ 1,944	3.02%	\$ 761,588	\$ 679,826	\$ 81,762	10.74%
CSWS Division	\$ 302,465	\$ 306,078	\$ (3,613)	-1.19%	\$ 3,594,297	\$ 3,287,038	\$ 307,259	8.55%
<b>TOTAL AUTHORITY &amp; MIRA DIRECT</b>	<b>\$ 372,792</b>	<b>\$ 373,272</b>	<b>\$ (480)</b>	<b>-0.13%</b>	<b>\$ 4,427,204</b>	<b>\$ 4,028,462</b>	<b>\$ 398,742</b>	<b>9.01%</b>

**YTD VARIANCE EXPLANATION**

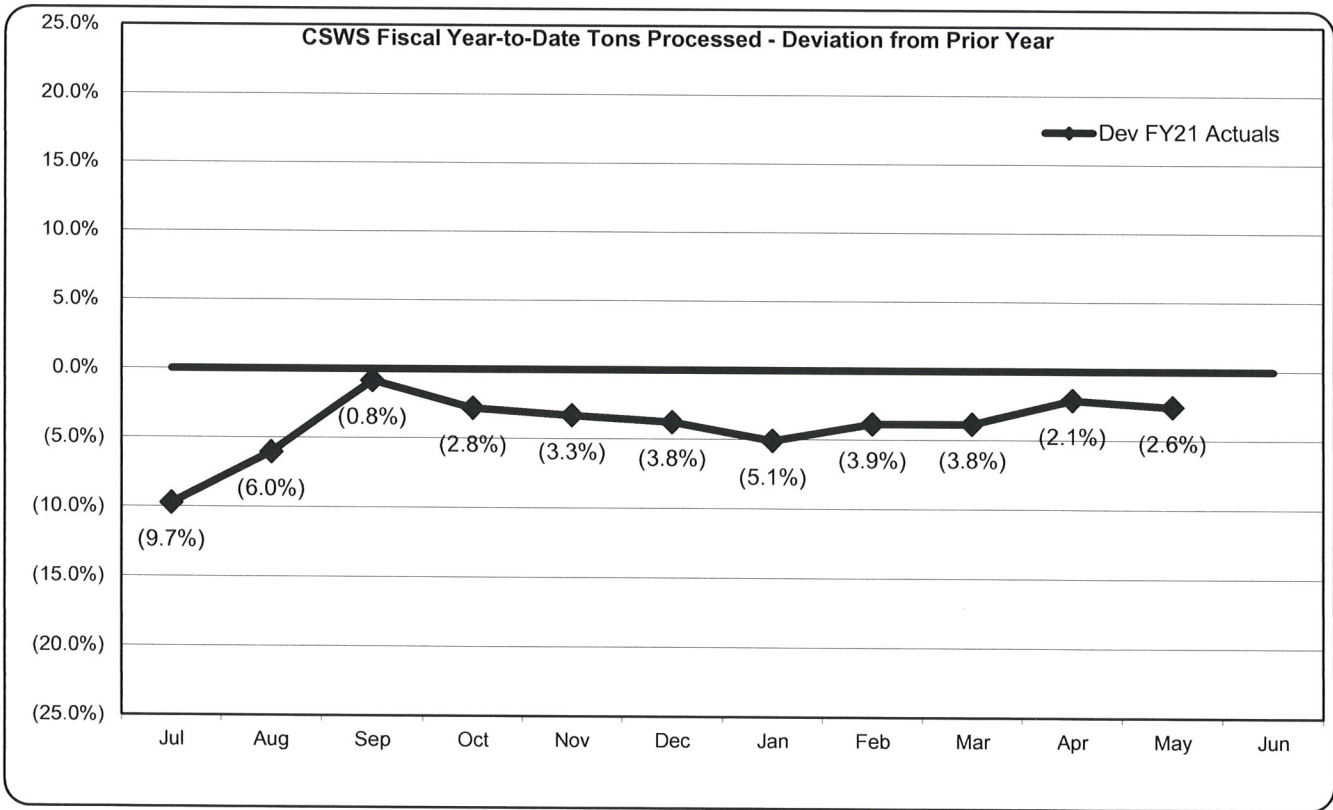
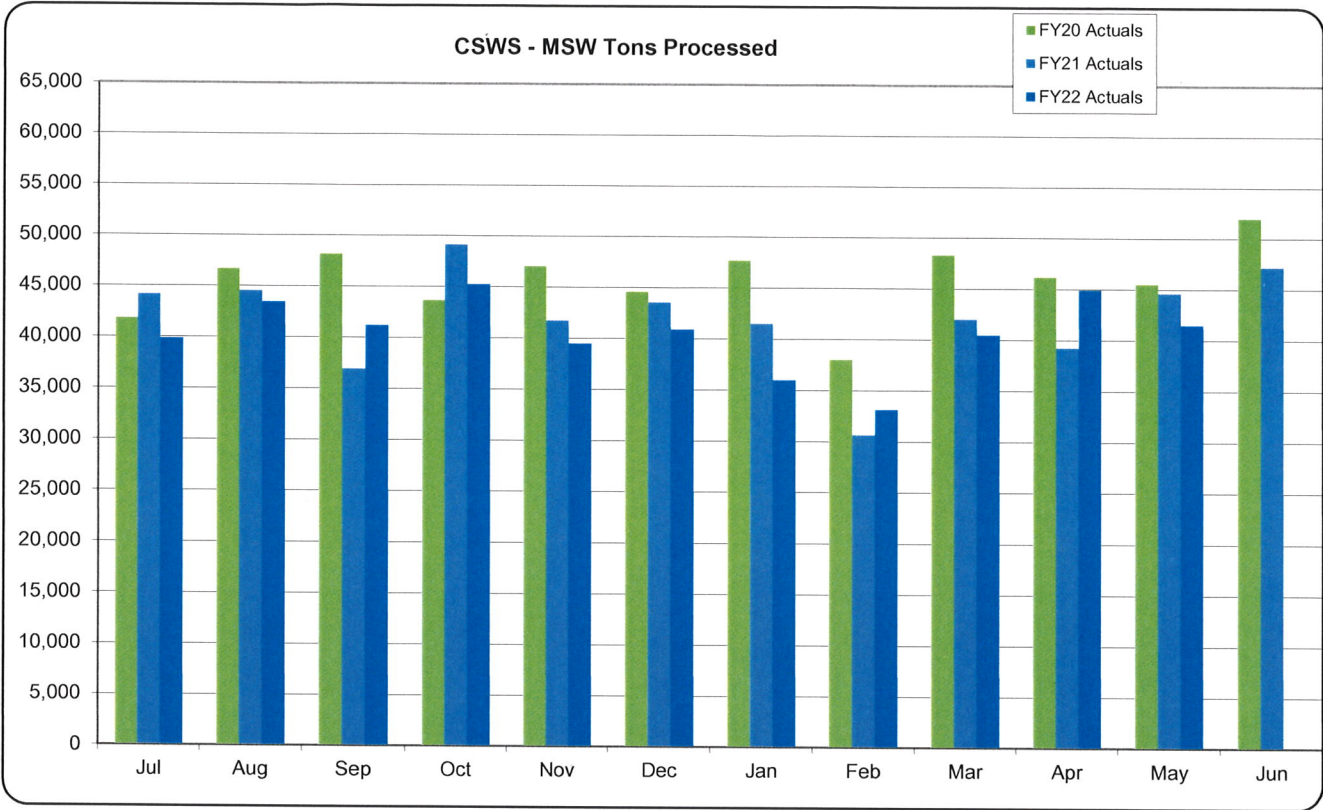
- (a) Favorable due to lower than budgeted direct and indirect labor & benefits allocation related to the following:
- reversal of accrued FY21 Payroll expenditure of approximately \$34k;
  - lower than budgeted salaries and benefits due to an employee who is on medical leave and receiving disability compensation and resignation of two employees at the end of July 2021;
  - lower than budgeted employee medical insurance premium;
  - offset by accrued leave payouts for two employees that resigned in Jul 2021 and two other employees that resigned in May 2022 for approximately \$47k and \$49k, respectively.
- (b) Unfavorable primarily due to higher than budgeted insurance premium.

# TAB B

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**  
**Monthly Operational Summary**  
**May-22**

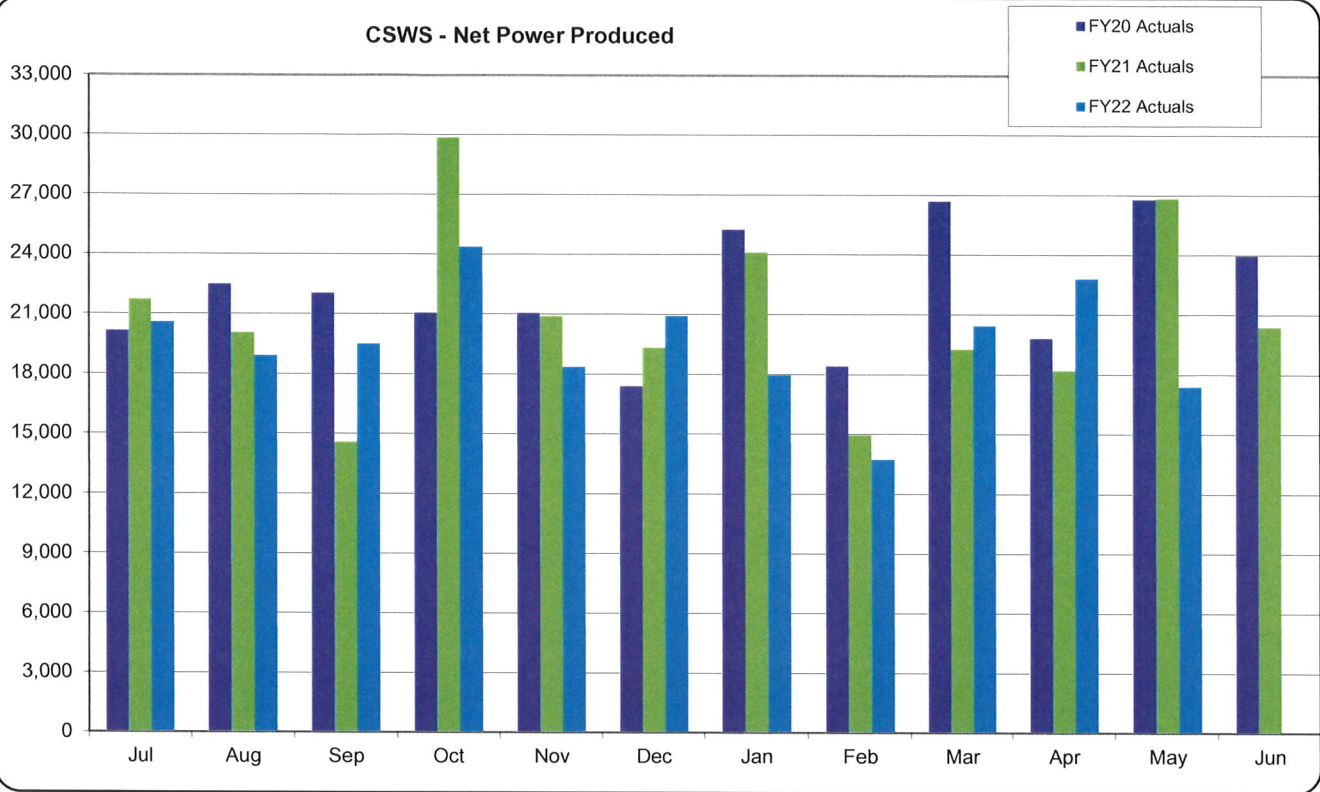
This report provides information on the operations of the CSWS waste-to energy plant along with the South Meadows Jets. The following table provides a summary of key operating parameters.

Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Change	2021	2022	Change	May 21	May 22	Change
<b>CSWS</b>									
Tons MSW Processed	549,717	505,335	(8.1%)	458,108	446,325	(2.6%)	42,001	41,505	(1.2%)
Steam (klbs)	3,264,837	3,096,441	(5.2%)	2,841,120	2,599,080	(8.5%)	238,300	212,962	(10.6%)
(% MCR)	53.8%	51.0%		63.3%	57.9%		46.2%	41.3%	(10.6%)
Power (Net MWh)	272,358	250,166	(8.1%)	229,780	214,958	(6.5%)	26,830	17,388	(35.2%)
<b>South Meadow Jets</b>									
Net MWh	1,616	1,694	4.8%	1,525	1,947	27.7%	0	113	100.0%

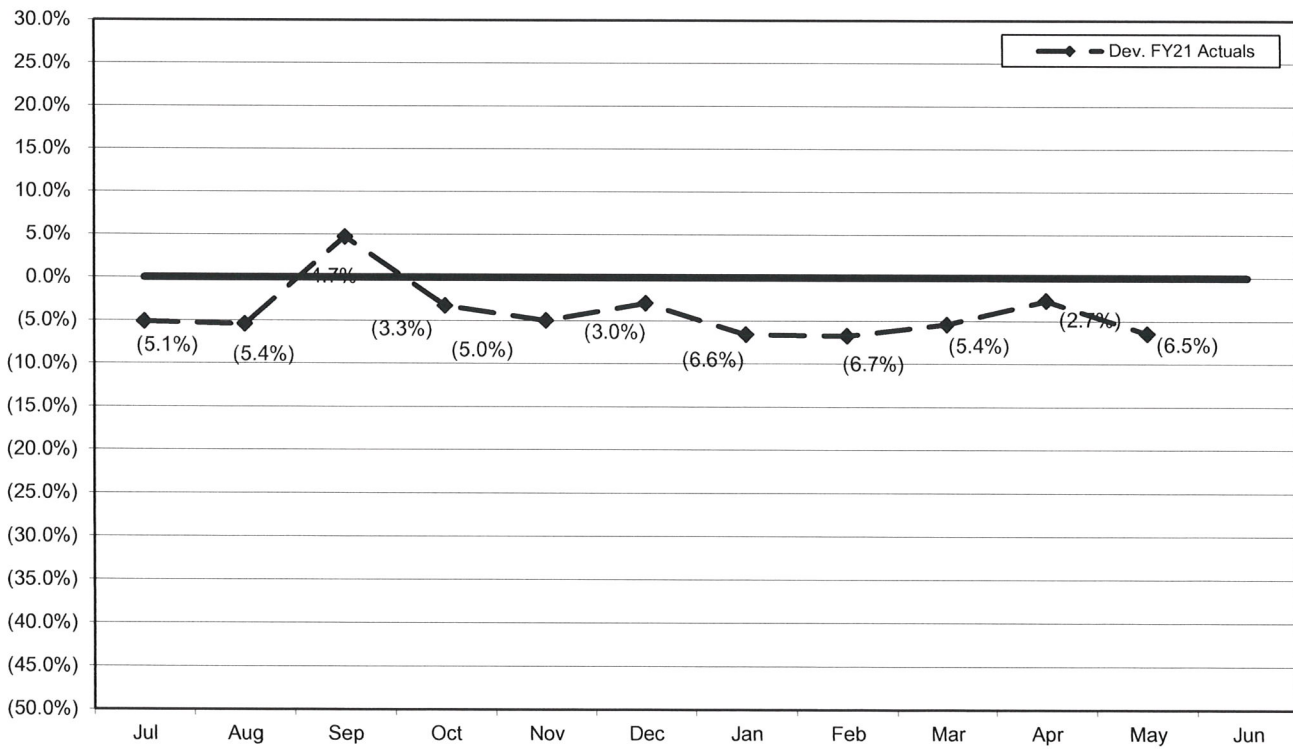




CSWS - Net Power Produced



CSWS Fiscal Year-to-Date Power Sold - Deviation from Prior Year



## CSWS Waste to Energy Plant Monthly Operational Summary

### Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
May 22	59%	0%	65%

### 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
09/01/21	09/06/21	11	137.20	Gen. Bank Tube Leaks
10/07/21	10/11/21	11	94.10	11 B Fly Ash Conveyor Repair
10/18/21	10/23/21	11	122.80	Low RDF Inventory
11/01/21	11/02/21	11	22.10	TG#5 Steam Stop Valves Repacked
11/06/21	11/06/21	11	1.80	High Water Drum Trip
12/06/21	12/07/21	11	38.90	Large Clinker on "A" Side Grate
01/03/22	01/07/22	11	114.80	Gen. Bank Tube Leaks
01/08/22	01/27/22	11	477.10	Low RDF Inventory
02/05/22	02/08/22	11	70.80	External Drum Level Tap Leak
02/12/22	02/15/22	11	53.00	PSH Tube Leak
03/04/22	03/10/22	11	160.90	Offline but Available
03/13/22	03/13/22	11	1.00	Daylight Savings Time- Clocks Roll Forward
03/20/22	03/27/22	11	176.10	Furnace Waterwall Tube Leaks/ Low RDF Inventory
04/17/22	04/17/22	11	0.20	PDA feed chute plug
04/19/22	04/21/22	11	42.20	Clinker on furnace grate
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
09/02/21	09/05/21	12	58.20	High Baghouse Delta P
10/13/21	10/18/21	12	113.90	Waterwall Furnace Tube Leaks
10/23/21	10/31/21	12	193.10	Tube Leak Repairs/Low RDF Inventory
11/01/21	11/29/21	12	672.20	Tube Leak Repairs/Low RDF Inventory
12/20/21	12/20/21	12	0.40	Problems with RDF Auger Screws
01/03/22	01/08/22	12	115.60	RDF Screw Drive Issues
01/23/22	01/31/22	12	201.00	Low RDF Inventory
02/01/22	02/05/22	12	105.00	Low RDF Inventory
02/08/22	02/12/22	12	107.90	Lower Furnac Waterwall Tube Leaks
03/13/22	03/13/22	12	1.00	Daylight Savings Time- Clocks Roll Forward
04/28/22	04/30/22	12	63.00	Tube Leak
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
09/29/21	09/30/21	13	14.00	Failed FD Fan Rotor Bearing
10/11/21	10/13/21	13	42.50	Repairs to 13 C Auger Drive
10/18/21	10/18/21	13	42.50	RDF Auger Problem
10/30/21	10/31/21	13	24.20	RDF Distribution Spout Repairs
11/01/21	11/05/21	13	117.00	RDF Distribution Spout Repairs
11/19/21	11/22/21	13	61.30	Cold Iron Outage to Repair Various Valves
12/02/21	12/04/21	13	39.70	Furnace Waterwall Tube Leaks
03/10/22	03/20/22	13	240.10	Boiler Penthouse Tube Leak
04/18/22	04/28/22	13	247.70	Low RDF Inventory
Data For May 2022 not populated into the spreadsheet				

## Scheduled Downtime

08/08/21	08/15/21	11	169.00	IRIS Testing on Gen. Bank Tube Leaks
09/07/21	09/28/21	11	514.10	Scheduled Major Outage
11/18/21	11/24/21	11	153.00	Scheduled Cleaning Outage
02/25/22	02/28/22	11	93.00	Scheduled Cleaning Outage
03/01/22	03/03/22	11	72.00	Scheduled Cleaning Outage
07/05/21	07/06/21	12	48.00	Scheduled Cleaning Outage
09/27/21	09/30/21	12	96.00	Scheduled Cleaning Outage
10/01/21	10/02/21	12	40.80	Scheduled Cleaning Outage
11/30/21	11/30/21	12	1.00	Scheduled Annual Major Outage
12/01/21	12/17/21	12	404.30	Scheduled Annual Major Outage
03/28/22	03/31/22	12	96.00	Offline Early Due to Tube Leaks/Moved up Cleaning
04/01/22	04/13/22	12	297.00	Offline Early Due to Tube Leaks/Moved up Cleaning
08/15/21	08/20/21	13	122.20	Scheduled Cleaning Outage
10/03/21	10/07/21	13	39.70	Scheduled Cleaning Outage
12/18/21	12/31/21	13	336.00	Scheduled Cleaning Outage/ Low RDF Inventory
01/01/22	01/03/22	13	72.00	Low RDF Inventory
01/30/22	01/31/22	13	25.00	Scheduled Cleaning Outage
02/01/22	02/25/22	13	580.20	Scheduled Annual Outage
Data For May 2022 not populated into the spreadsheet				

## 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
09/01/21	69.01	NERC Testing Unit 14
09/02/21	1.15	NERC Testing Units 12, 13
09/09/21	1.49	Testing of an Oil Pressure Problem- Unit 13
09/23/21	110.75	NERC Testing Units 12, 13
09/24/21	16.84	ISO-NE Dispatch Unit 11
10/01/21	5.83	High Vibration on the A Free Turbine- Unit 12
10/04/21	32.74	Troubleshoot High Oil Temp- Unit 11/ Replaced Transducer on A Free Turbine- Unit 12
01/21/22	60.06	Winter SCCA Test Attempt Units 11, 12
01/26/22	136.27	Winter SCCA Test Attempt Units 11, 13
01/27/22	141.00	Winter SCCA Test Attempt Units 12, 14
01/28/22	0.50	Tested Auto/ Manual Switch
02/28/22	73.27	SCCA Testing Unit 14
03/29/22	89.20	ISO-NE Dispatch Units 11, 12
04/19/22	184.93	Stack testing Unit 12B
04/28/22	41.53	ISO-NE Dispatch Units 13, 14
05/19/22	113.47	ISO-NE Dispatch Units 13, 14 Claim 10/30

# TAB C

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

May-22

### Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	May 21	May 22	Growth
<b>CSWS MSW</b>									
Tier 1	391,251	400,941	2%	363,072	326,243	(10%)	32,828	29,640	(10%) (1)
Tier 2	13,013	13,580	4%	12,356	11,989	(3%)	1,066	1,085	2% (1)
Non-Processible MSW	2,637	2,946	12%	2,332	1,300	(44%)	244	21	(92%) (1)
Hauler Contract	114,976	64,521	(44%)	59,868	80,510	34%	2,758	9,256	236%
Contract (FCR Residue)	11,723	7,736	(34%)	7,736	0	(100%)	28	0	(100%) (1)
Ferrous Residue	6,868	6,502	(5%)	5,818	4,340	(25%)	587	336	(43%)
In-State Spot	0	9,219	-	6,222	20,062	222%	0	1,171	-
Out-of-State Spot	0	27	-	27	1,049	3809%	0	2	-
<b>MSW TOTAL</b>	<b>540,468</b>	<b>505,471</b>	<b>(6%)</b>	<b>457,431</b>	<b>445,493</b>	<b>(3%)</b>	<b>37,511</b>	<b>41,510</b>	<b>10%</b>

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	May 21	May 22	Growth
<b>CSWS Recyclables</b>									
Tier 1	56,609	54,036	(5%)	49,090	43,336	(12%)	4,169	3,795	(9%) (2)
Hauler Contract	20,474	5,361	(74%)	5,280	1,005	(81%)	85	87	2% (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	-
<b>RECYC. TOTAL</b>	<b>77,083</b>	<b>59,397</b>	<b>(23%)</b>	<b>54,370</b>	<b>44,341</b>	<b>(18%)</b>	<b>4,254</b>	<b>3,881</b>	<b>(9%)</b>

### MSW CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	May 21	May 22	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	-
<b>TOTAL TONNAGE</b>	<b>4,509</b>	<b>0</b>	<b>(100%)</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>-</b>

### Recycling CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	May 21	May 22	Growth
CSWS Facility and/or TS	4,122	11,216	172%	11,216	44,155	294%			-
Re-Directed Material (2)	0	1,650	-	1,650	0	(100%)	0	0	-
<b>TOTAL TONNAGE</b>	<b>4,122</b>	<b>12,866</b>	<b>212%</b>	<b>12,866</b>	<b>44,155</b>	<b>243%</b>	<b>0</b>	<b>0</b>	<b>-</b>

(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

<b>CSWS Tier 1 Participating Municipality MSW</b>									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	May 21	May 22	Growth
Avon	12,112	12,660	5%	11,477	11,719	2%	1,066	1,052	(1%)
Bethlehem	1,710	1,811	6%	1,646	1,637	(1%)	141	172	22%
Bloomfield	15,811	13,870	(12%)	12,350	14,307	16%	1,223	1,273	4%
Canaan	474	496	5%	441	454	3%	38	37	(3%)
Canton	4,637	4,779	3%	4,344	4,380	1%	347	379	9%
Clinton	8,193	8,371	2%	7,556	6,954	(8%)	659	607	(8%)
Chester	1,139	1,392	22%	1,247	861	(31%)	85	23	(73%)
Colebrook	604	595	(1%)	543	575	6%	46	46	2%
Cornwall	530	599	13%	542	510	(6%)	44	39	(11%)
Deep River	3,359	3,087	(8%)	2,807	3,110	11%	245	358	46%
Durham/Middlefield	6,634	5,988	(10%)	5,508	3,316	(40%)	434	242	(44%)
East Granby	2,480	2,221	(10%)	2,017	2,059	2%	183	179	(2%)
East Hartford (2)	27,411	28,425	4%	25,736	0	(100%)	2,412	0	(100%)
East Hampton	6,691	7,017	5%	6,399	5,561	(13%)	547	519	(5%)
Ellington	5,228	5,271	1%	4,773	4,615	(3%)	418	379	(9%)
Essex	2,997	2,640	(12%)	2,352	2,532	8%	199	246	24%
Farmington	13,526	12,866	(5%)	11,675	10,808	(7%)	1,031	977	(5%)
Glastonbury	18,718	19,725	5%	17,881	16,635	(7%)	1,589	1,421	(11%)
Goshen	1,452	1,543	6%	1,390	1,287	(7%)	118	111	(6%)
Granby	4,271	4,416	3%	4,006	4,040	1%	344	373	8%
Haddam	3,346	3,495	4%	3,161	3,086	(2%)	269	272	1%
Hartford	80,122	84,363	5%	76,440	76,273	(0%)	7,152	6,921	(3%)
Harwinton	2,017	2,061	2%	1,884	1,922	2%	166	161	(3%)
Killingworth	2,061	1,647	(20%)	1,491	1,638	10%	139	179	29%
Litchfield	5,264	5,360	2%	4,826	4,909	2%	423	472	12%
Lyme	759	798	5%	723	711	(2%)	61	70	15%
Marlborough	2,401	2,759	15%	2,487	2,323	(7%)	219	210	(4%)
Middlebury	2,369	2,504	6%	2,309	1,995	(14%)	165	166	1%
Naugatuck	13,281	13,939	5%	12,689	10,479	(17%)	1,076	1,014	(6%)
Newington	19,499	20,347	4%	18,427	17,980	(2%)	1,657	1,665	0%
Norfolk	777	774	(0%)	703	667	(5%)	56	56	(0%)
North Canaan	2,005	2,054	2%	1,861	1,852	(0%)	168	164	(3%)
North Branford (4)	4,996	4,467	(11%)	4,016	0	(100%)	332	0	(100%)
Old Lyme	4,133	4,966	20%	4,388	3,842	(12%)	451	294	(35%)
Old Saybrook	8,742	8,715	(0%)	7,830	7,841	0%	690	667	(3%)
Portland	3,734	4,100	10%	3,723	3,692	(1%)	330	346	5%
Rocky Hill	12,171	12,510	3%	11,375	11,671	3%	1,059	1,183	12%
Roxbury (3)	671	722	8%	663	0	(100%)	51	0	(100%)
RRDD#1	11,082	11,319	2%	10,281	9,948	(3%)	916	869	(5%)
Salisbury/Sharon	3,152	3,508	11%	3,175	2,972	(6%)	282	271	(4%)
Simsbury	11,370	11,315	(0%)	10,290	10,361	1%	912	893	(2%)
Thomaston	4,299	4,425	3%	3,998	4,168	4%	357	386	8%
Torrington	22,954	23,611	3%	21,404	21,503	0%	1,910	1,938	1%
Watertown	11,157	12,005	8%	10,859	10,100	(7%)	980	997	2%
Westbrook (1)	2,856	3,010	5%	2,690	3,431	28%	301	424	41%
Wethersfield	14,357	14,380	0%	13,054	13,538	4%	1,232	1,225	(1%)
Woodbury	3,699	4,015	9%	3,634	3,981	10%	308	361	17%
<b>TOTAL TIER 1 PART.</b>	<b>391,251</b>	<b>400,941</b>	<b>2%</b>	<b>363,072</b>	<b>326,243</b>	<b>(10%)</b>	<b>32,828</b>	<b>29,640</b>	<b>(10%)</b>

(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

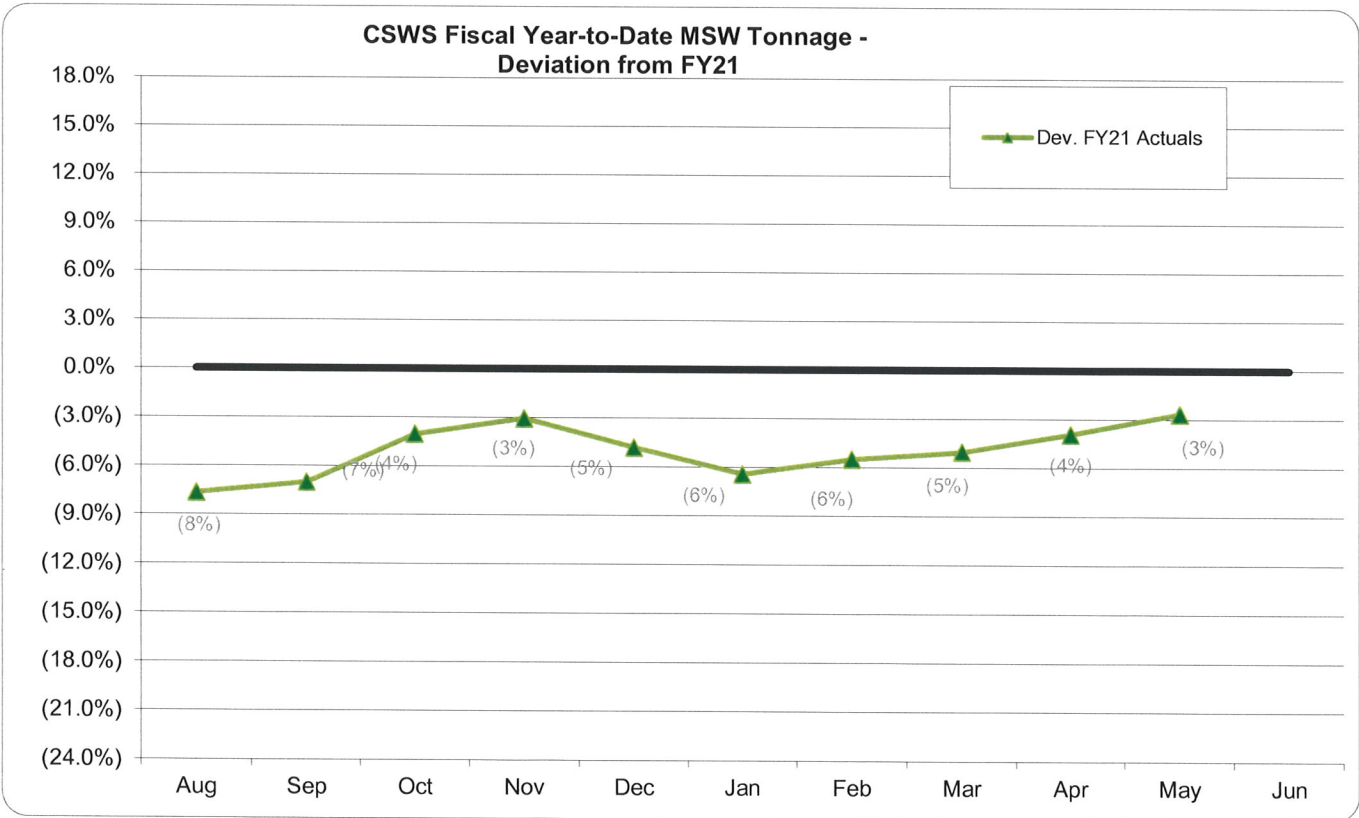
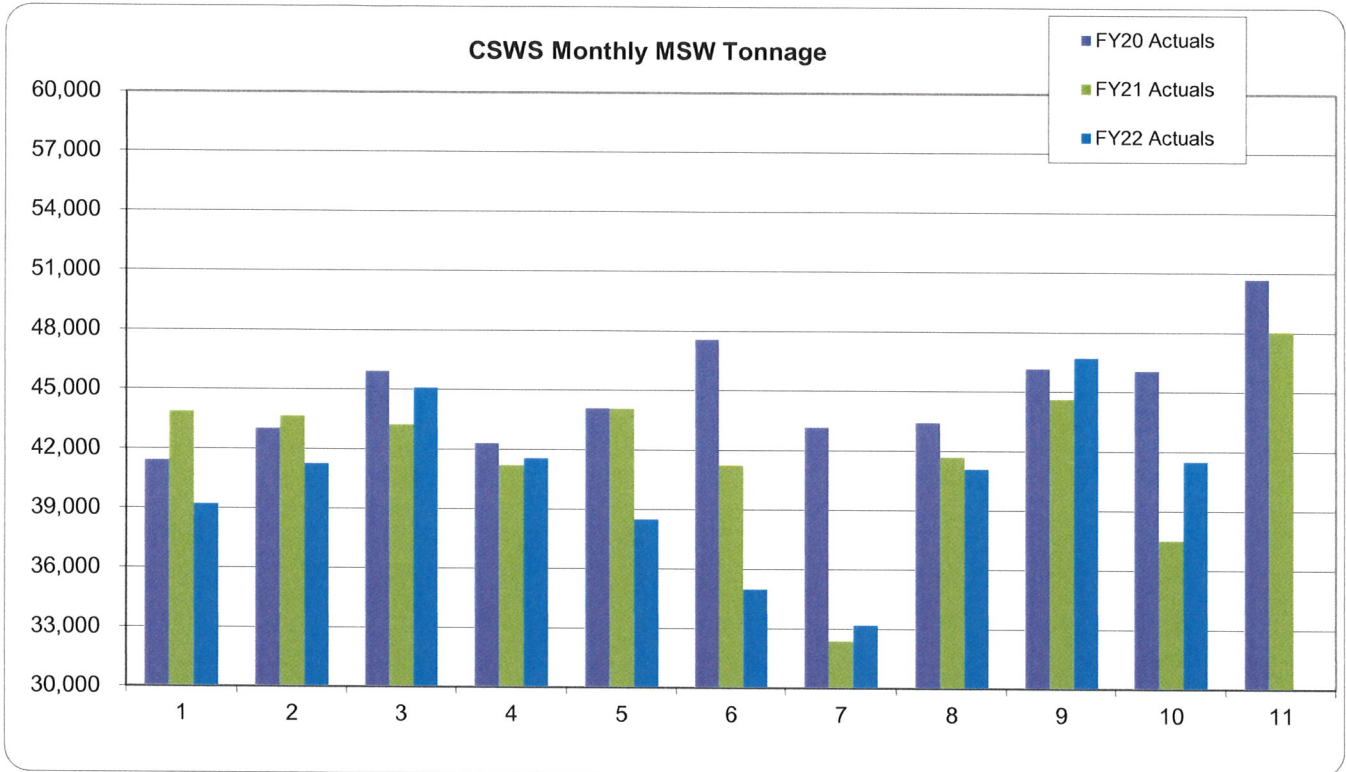
(4) North Branford- Not a Member starting 7/1/21

(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	May 21	May 22	Growth
Manchester	13,013	13,580	4%	12,356	11,989	(3%)	1,066	1,085	2%
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	13,013	13,580	4%	12,356	11,989	(3%)	1,066	1,085	2%

### 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	May 21	May 22	Growth
Avon	1,925	2,041	6%	1,879	1,735	(8%)	155	138	(11%) (a)
Bethlehem	367	369	1%	333	283	(15%)	28	31	10%
Bloomfield	1,582	1,568	(1%)	1,420	1,412	(1%)	129	125	(4%) (a)
Canaan	106	204	93%	183	143	(22%)	15	11	(31%)
Canton	891	920	3%	828	816	(1%)	74	60	(20%) (a)
Chester	328	405	23%	369	236	(36%)	26	4	(84%)
Clinton	1,215	1,029	(15%)	955	728	(24%)	54	85	58%
Colebrook	184	206	12%	189	188	(1%)	16	16	0%
Cornwall	174	190	9%	167	148	(12%)	13	13	1%
Deep River	400	292	(27%)	262	374	43%	19	41	114%
Durham/Middlefield	933	903	(3%)	830	634	(24%)	67	50	(25%) (a)
East Granby	439	478	9%	436	400	(8%)	35	41	18% (a)
East Hartford (2)	3,461	2,998	(13%)	2,670	0	(100%)	295	0	(100%) (a)
East Hampton	1,028	1,044	2%	937	927	(1%)	76	88	16% (a)
Ellington	1,263	1,290	2%	1,190	1,104	(7%)	103	87	(15%) (a)
Essex	828	748	(10%)	673	764	13%	53	86	63%
Farmington	2,221	2,086	(6%)	1,915	1,739	(9%)	162	151	(6%) (a)
Glastonbury	3,493	3,445	(1%)	3,152	2,835	(10%)	249	256	3% (a)
Goshen	371	383	3%	338	307	(9%)	27	31	14%
Granby	1,296	1,273	(2%)	1,148	1,091	(5%)	100	88	(12%) (a)
Haddam	649	672	3%	613	570	(7%)	55	53	(5%) (a)
Hartford	3,826	1,375	(64%)	1,167	1,991	71%	132	93	(30%) (a)
Harwinton	476	502	5%	461	435	(6%)	41	41	0%
Killingworth	494	462	(6%)	427	376	(12%)	36	39	7%
Litchfield	780	837	7%	756	731	(3%)	70	70	1%
Lyme	263	290	10%	276	254	(8%)	24	20	(17%)
Marlborough	523	533	2%	481	490	2%	52	47	(9%) (a)
Middlebury	898	922	3%	846	775	(8%)	68	69	1%
Naugatuck	2,216	2,249	1%	2,037	1,953	(4%)	170	173	2%
Newington	2,481	2,503	1%	2,274	2,138	(6%)	191	185	(3%) (a)
Norfolk	166	167	1%	154	149	(3%)	10	11	9%
North Branford (4)	1,210	1,159	(4%)	1,043	0	(100%)	85	0	(100%)
North Canaan	258	251	(3%)	233	240	3%	17	28	61%
Old Lyme	1,256	1,358	8%	1,219	1,141	(6%)	99	105	6%
Old Saybrook	1,276	1,414	11%	1,301	1,201	(8%)	94	105	11%
Portland	816	857	5%	789	747	(5%)	63	59	(6%) (a)
Rocky Hill	1,540	1,471	(4%)	1,334	1,267	(5%)	108	112	4% (a)
Roxbury (3)	232	268	16%	248	0	(100%)	19	0	(100%)
RRDD#1	1,666	1,671	0%	1,523	1,460	(4%)	122	130	7%
Salisbury-Sharon	1,179	1,229	4%	1,118	1,014	(9%)	91	96	5%
Simsbury	2,602	2,602	0%	2,381	2,245	(6%)	189	194	3% (a)
Thomaston	913	881	(3%)	808	813	1%	64	55	(14%)
Torrington	2,785	2,883	4%	2,615	2,531	(3%)	233	224	(4%)
Watertown	1,558	1,634	5%	1,496	1,427	(5%)	123	149	21%
Westbrook (1)	573	503	(12%)	454	547	20%	53	75	42%
Wethersfield	2,647	2,575	(3%)	2,340	2,250	(4%)	199	195	(2%) (a)
Woodbury	820	893	9%	818	729	(11%)	65	68	4%
<b>TOTAL TIER 1 PART.</b>	<b>56,609</b>	<b>54,036</b>	<b>(5%)</b>	<b>49,090</b>	<b>43,336</b>	<b>(12%)</b>	<b>4,169</b>	<b>3,795</b>	<b>(9%)</b>

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

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

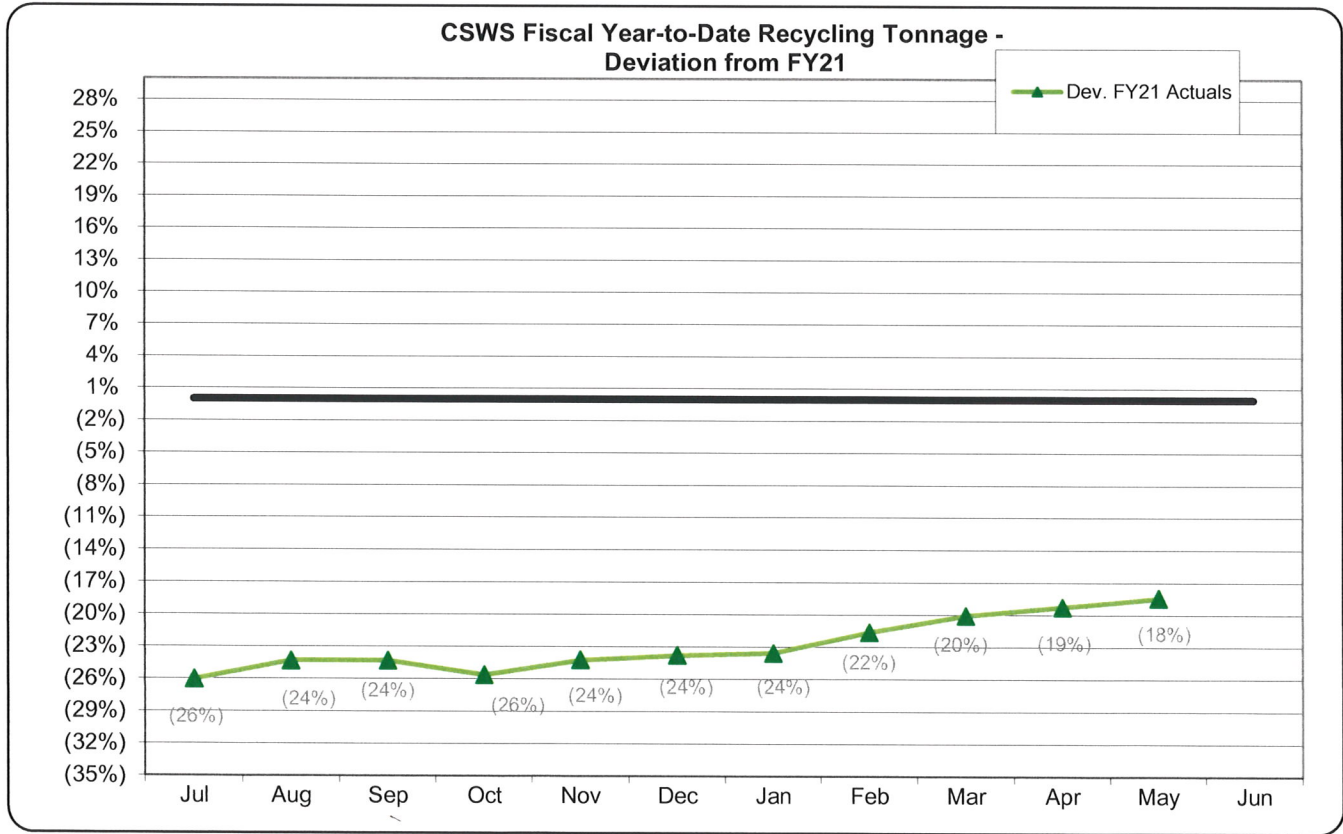
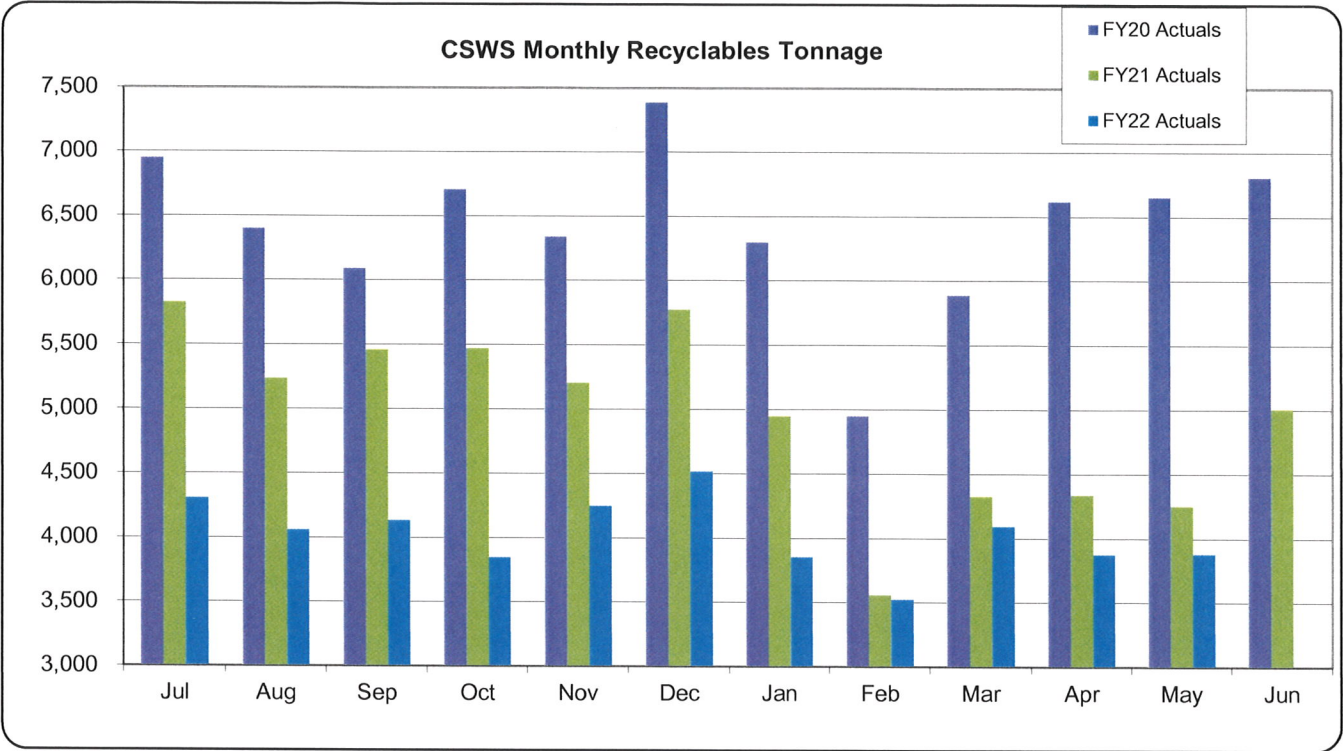
(2) East Hartford- Not a member starting 7/1/21

(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



FISCAL YEAR 2022 LEGAL REQUEST FOR SERVICES

FOR PERIOD ENDING 5/31/22

LEGAL FIRM	Matter	Board Approval	PO Number	PO Amount	FY22 expenses paid from FY22 PO	FY21 expenses paid from FY22 PO	FY22 accrued estimates	FY21 expenses Paid from FY21 PO (not accrued in FY21)	FY21 over/under accrual, Refunds received etc	Total per General ledger
Cohn Birnbaum & Shea	South Meadows Exit Strategy Ellington								\$ (2,000)	\$ (2,000)
<b>Total Cohn Birnbaum &amp; Shea</b>		\$10,000.00		\$	\$	\$	\$	\$	\$ (2,000)	\$ (2,000)
Day Pitney	NPDES Permitting Support	\$0.00		\$	\$	\$	\$	\$	\$	\$
<b>Total Day Pitney</b>				\$	\$	\$	\$	\$	\$	\$
Halloran & Sage	GC - Authority Budget		POH14568	\$ 25,000	\$ 25,000	\$	\$	\$	\$ (7,080)	\$ 17,921
			POH14826	\$ 25,000	\$ 25,000	\$	\$	\$	\$	\$ 25,000
			POH15050	\$ 25,000	\$ 25,000	\$	\$	\$	\$	\$ 23,957
			PO Pending	\$ 35,000	\$	\$	\$	\$	\$	\$
				\$ 5,000	\$	\$	\$	\$	\$	\$
	Property Division		POH14530	\$ 5,000	\$	\$	\$	\$	\$	\$
	CSWS		POH14532	\$ 25,000	\$ 25,000	\$	\$	\$	\$ (2,990)	\$ 22,010
			POH14825	\$75,000	\$75,000	\$	\$	\$	\$	\$ 56,485
			POH15051	\$25,000	\$25,000	\$	\$	\$	\$	\$
	NAES		POH14594	\$ 60,000	\$	\$	\$	\$	\$	\$
	NAES - from reserve account		POH14687	\$ 300,000	\$	\$	\$	\$	\$	\$ 88,191
				\$ 5,000	\$	\$	\$	\$	\$	\$
	Landfill Division		POH14529	\$ 5,000	\$	\$	\$	\$	\$	\$
	MidCT			\$	\$	\$	\$	\$	\$	\$
<b>Beginning Halloran &amp; Sage</b>		\$715,000.00		\$ 605,000	\$ 217,555	\$	\$ 26,078	\$	\$ (10,069)	\$ 233,564
Kainen, Escalera & McHale	Employment		POH14531	\$ 15,000	\$ 8,115	\$ 237	\$ 8,526	\$	\$ (237)	\$ 16,641
<b>Total Kainen, Escalera &amp; McHale</b>		\$25,000.00		\$ 15,000	\$ 8,115	\$ 237	\$ 8,526	\$	\$ (237)	\$ 16,641
Melick & Porter	Tremont			\$	\$	\$	\$	\$	\$	\$
<b>Total Melick &amp; Porter</b>		\$		\$	\$	\$	\$	\$	\$	\$
<b>TOTALS:</b>		\$750,000.00		\$ 620,000	\$ 225,670	\$ 237	\$ 34,604	\$	\$ (12,306)	\$ 245,204

Start new year: Board Resolution  
 Cohn Birnbaum Shea 10,000.00  
 Halloran & Sage 140,000.00  
 Kainen 25,000.00  
 \$ 175,000.00  
 400,000  
 175,000  
 \$ 750,000.00

9/22/21 BOD approved \$400,000 for Halloran & Sage  
 \$300,000 of which is to be used for NAES litigation and can be taken from CSWS Legal Reserve  
 2/23/22 BOD approved \$175,000 for Halloran & Sage

*Agrees with Gen Ledger*