



## MEMORANDUM

**TO:** MIRA Board of Directors  
**FROM:** Donald S. Stein, Chairman  
**DATE:** December 8, 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, December 14, 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: 847 4052 0551, and entering Passcode: 980712# 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 November 9, 2022 Regular Board Meeting (*Attachment 1*).
- IV. Finance Committee Report
  - a. Review and Approve Resolution Regarding Landfill Division Operating STIF (*Attachment 2*).
  - b. Review and Approve Resolution Regarding Authority General Fund STIF (*Attachment 3*).
  - c. Review of Draft FY2024 Authority, Property, and Landfill Division Operating Budget Proposals (*Attachment 4*).
- V. Chairman's and President's Report
  - a. Board Action will be sought for a Resolution Regarding the FY2023 Annual Plan of Operations (*Attachment 5*).
  - b. Attached Supplemental Information / Other Matters
- VI. Executive Session

Executive Session to consider action by the Authority to enforce legal rights regarding municipal flow control obligations under its MSAs.

# TAB 1

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**November 9, 2022**

A Regular meeting of the Board of Directors of the Materials Innovation and Recycling Authority Board of Directors was held via Zoom on Wednesday, November 9, 2022. Present via audio or video conferencing were:

**Appointed Directors:**

Chairman Stein  
Vice Chairman Jim Hayden  
Carl Fortuna, Jr. (at 9:44)  
Bert Hunter at (10:13)  
Susan Weisselberg  
Ed Mone  
Leonard Assard  
Dave Steuber  
Rich Soderman  
Luke Bronin, CSWS Project Ad Hoc (at 9:50)

**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  
Tom 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

**Others Present:**

Ann Catino, Halloran & Sage

Chairman Stein called the meeting officially to order at 9:31 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 OCTOBER 12, 2022 REGULAR BOARD MEETING**

Chairman Stein requested a motion to accept the minutes of the October 12, 2022 Board meeting. The motion to approve the minutes was made by Director Soderman and seconded by Director Mone.

The motion previously made and seconded was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Jim Hayden	X		
Carl Fortuna (not present)			
Bert Hunter (not present)			
Sue Weisselberg	X		
Ed Mone	X		
Leonard Assard	X		
Dave Steuber	X		
Rich Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin (not present)			

## **2. RESOLUTION REGARDING FUNDING OF OFFICE RELOCATION**

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

**WHEREAS**, The base term of the Materials Innovation and Recycling Authority (“Authority”) lease for its headquarters office at 200 Corporate Place Rocky Hill, CT expires April 30, 2023 with two, 3-year options to extend the lease incorporated thereafter; and

**WHEREAS**, At its July 13, 2022 meeting, the Authority directed management not to exercise such options to extend and instead move staff to existing office space owned by the Authority at 300 Maxim Road, Hartford CT (the “WPF Office”); and

**WHEREAS**, At its July 13, 2022 meeting, the Authority further directed management to refine the logistics and costs to move staff that will remain with the Authority after April 30, 2023 to the WPF Office and to request approval from the Board for such costs; and

**WHEREAS**, Management has proceeded to refine such logistics and costs and recommends that limited rehabilitation work be undertaken within the WPF Offices with the intent of mitigating odors associated with its prior use in support of the adjoining CSWS Resource Recovery Facility (“WPF Office Rehabilitation”); and

**WHEREAS**, Management has proceeded to refine such logistics and costs and further recommends that all staff remaining with the Authority after April 30, 2023 other than those assigned to the Torrington and Essex Transfer Stations be relocated to the WPF Offices effectively vacating facilities on Murphy Road in Hartford, CT (Staff Relocations); and

**WHEREAS**, Management has solicited bids for such WPF Office Rehabilitation and, concurrent with this resolution, is recommending Acore Builders, LLC undertake such work at a cost not to exceed \$82,500; and

**WHEREAS**, Management has solicited bids for such Staff Relocations and, concurrent with this resolution, is recommending William B. Meyer, Inc. undertake such relocations at a cost not to exceed \$30,000; and

**WHEREAS**, Management further recommends designation and use of the Property Division Improvement as appropriate funding of such WPF Office Rehabilitation and Staff Relocations

**NOW THEREFORE, be it**

**RESOLVED:** That this Board hereby approves the designation and use of the Property Division Improvement Fund in an amount not to exceed \$112,500 for such WPF Office Rehabilitation and Staff Relocations.

Mr. Daley said that this item funds our relocation to existing offices that MIRA owns at the Waste to Energy Facility in Hartford. We are relocating mainly because of the expiration of our lease for the headquarters in Rocky Hill, but also because of our substantial downsizing and need to have a presence at the Waste to Energy Facility for its decommissioning and the sale of surplus equipment that should be underway shortly. Mr. Daley said the decision to move to the facility was made by the Board in July and management was directed to refine the logistics and costs for the move. We have now done that and concluded we should do some limited refurbishment work intended to mitigate odors that remain from the office's prior use in support of the waste to Energy Facility. That is estimated at \$82,500 based on a quote from Acore Builders being recommended for award through the P&P Committee. We also concluded that all staff remaining with the Authority after April 30 other than those assigned to Torrington or Essex should consolidate in the Waste to Energy Facility office which essentially also vacates the recycling facility on Murphy Road no longer being used. This cost is \$30,000 based on a quote from William B Meyers also being recommended for award through P&P. Mr. Daley said the total cost to relocate and consolidate is \$112,500 and is an appropriate use of the Property Division Improvement Fund. He said this is relative to our current rent of \$206,000 per year. Mr. Daley further explained that the Improvement Fund has a current available balance of approximately \$170,000 which would reduce further to approximately \$58,000 after this project is approved. Upon inquiry from the directors, Mr. Daley confirmed there are no other projects authorized for the Property Division Improvement Fund other than the fire suppression system modifications authorized last month which is factored into the current available balance of \$170,000.

The motion previously made and seconded was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna (not present)			
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		

Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

### **3. RESOLUTION REGARDING USE OF CSWS DECOMMISSIONING RESERVE**

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

**WHEREAS**, At its February 23, 2022 meeting, the Materials Innovation and Recycling Authority Board of Directors (“Authority”) authorized management to establish a CSWS Decommissioning Reserve by transfer of \$3,300,000 from the Authority’s Property Division General Fund; and

**WHEREAS**, At its February 23, 2022 meeting, the Authority further directed that no funds be expended from the a CSWS Decommissioning Reserve until the Authority approves a decommissioning plan including a scope of work, final cost estimate, commencement and completion schedule; and

**WHEREAS**, In May, 2022 the Authority submitted its CSWS Resource Recovery Facility Closure Plan to the Department of Energy and Environmental Protection (“DEEP”) for its review (effectively the Decommissioning Plan) which plan was funded through the Authority’s Fiscal Year 2022 operating budgets; and

**WHEREAS**, On October 14, 2022, DEEP provided its comments on the Decommissioning Plan including requests for additional information and comments from the Greater Hartford Flood Commission which management is recommending TRC Environmental Corporation, having developed the Decommissioning Plan, respond to; and

**WHEREAS**, Management has reviewed the scope of DEEP comments with TRC Environmental Corporation, and TRC Environmental Corporation has estimated a cost of \$39,113 to respond; and

**WHEREAS**, Such response is an essential element of the Authority’s approval of a Decommissioning Plan that management recommends be funded through use of the CSWS Decommissioning Reserve.

**NOW THEREFORE, be it**



**RESOLVED:** That this Board hereby approves the designation and use of the CSWS Decommissioning Reserve in an amount not to exceed \$40,000 for TRC Environmental Corporation to respond to DEEP's comments and requests for additional information on the Decommissioning Plan.

Mr. Daley stated that this resolution addresses the need to have TRC Environmental Corporation respond to comments and requests for additional information that we have now received from DEEP on our Closure Plan for the CSWS Waste to Energy Facility. TRC originally prepared the plan and is best suited to respond to the comments. Mr. Daley also noted that when the CSWS Decommission Reserve was established it was expected that no funds would be expended from it until an approved plan was in place including the scope, cost and schedule for the work. He said since responding to these comments is essential to all of those items it was appropriate to use this reserve for it. He said we require Board approval to use this reserve and the cost of responding is not to exceed \$40,000. Mr. Daley explained the reserve was initially set up for \$3.3 million, and since interest remains with the fund, he estimated the fund would remain at \$3.3 million after completion of this work.

The motion previously made and seconded was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna (not present)			
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

#### **4. RESOLUTION REGARDING WPF OFFICE REHABILITATION**

Chairman Stein requested the foregoing resolution be tabled pending arrival of additional directors.

**5. RESOLUTION REGARDING STAFF RELOCATION**

Chairman Stein requested the foregoing resolution be tabled pending arrival of additional directors.

**6. RESOLUTION REGARDING AMENDMENT TO AUTHORITY BYLAWS**

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

**WHEREAS**, two sections of the Authority's Bylaws differ from the language of its enabling legislation; and

**WHEREAS**, to avoid potential uncertainty and difficulty in obtaining a quorum at board meetings, conformity with statute is deemed advisable;

Now, **THEREFORE**, it is hereby

**RESOLVED**: That paragraph (b) of Section 301 of the Authority's bylaws shall be amended by deletion of the second sentence thereof; and

Further **RESOLVED**: That the first sentence of paragraph (a) of Section 504 of the Authority's bylaws shall be amended to read as follows:

- (a) Six (6) Directors of the Authority shall constitute a quorum for the transaction of any business or the exercise of any power of the Authority, provided, two directors from municipal government shall be present in order for a quorum to be in attendance.

President Kirk stated that this resolution is needed to bring our Bylaws into conformance with MIRA's enabling statutes. This will also make it easier for the Board to achieve a quorum since several of our municipal appointments can't be made with our reduced municipal customer base.

The motion previously made and seconded was approved by roll call vote as follows:

Directors	Aye	Nay	Abstain
Chairman Stein	X		

Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna (not present)			
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

## **7. RESOLUTION REGARDING WPF OFFICE REHABILITATION**

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

WHEREAS, at its July 13, 2022 meeting, MIRA's Board of Directors passed a resolution to not execute the option to extend MIRA's lease at 200 Corporate Place in Rocky Hill and instead to move MIRA staff to existing WPF office space at 300 Maxim Road in Hartford; and at that meeting, the Board of Directors further directed 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; and

WHEREAS, staff evaluation of the WPF offices found that steps were necessary and appropriate to complete odor mitigation and related general-contractor rehabilitation work ("WPF Office Rehabilitation") in order to move staff remaining with MIRA after April 30, 2023, other than those assigned to the Torrington and Essex Transfer Stations into the WPF offices at 300 Maxim Road ("Staff Relocations"); and

WHEREAS, staff have reached out to general contractors who have been prequalified by the Connecticut Department of Administrative Services to provide price quotes and proposals to complete the WPF Office Rehabilitation and Staff Relocations;

NOW THEREFORE, be it

RESOLVED: that MIRA's Board of Directors directs Management to formally engage ACORE Builders, LLC as a general contractor to complete the WPF Office Rehabilitation substantially as discussed in this meeting.

President Kirk stated that this resolution approves selection of a contractor for the WPF Office Rehabilitation. Acore Builders is recommended. The outreach and competitive process undertaken by Roger Guzowski is described in the resolution and was done from DAS approved vendors.

The motion previously made and seconded was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna	X		
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

## **8. RESOLUTION REGARDING STAFF RELOCATION**

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

WHEREAS, at its July 13, 2022 meeting, MIRA's Board of Directors passed a resolution to not execute the option to extend MIRA's lease at 200 Corporate Place in Rocky Hill and instead to move MIRA staff to existing WPF office space at 300 Maxim Road in Hartford; and at that meeting, the Board of Directors further directed 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; and

WHEREAS, staff has determined that contracting with a moving services company is necessary and appropriate to move staff remaining with MIRA after April 30, 2023, other than those assigned to the Torrington and Essex Transfer Stations into the WPF offices at 300 Maxim Road ("Staff Relocations"); and

WHEREAS, staff has determined that contracting with the same moving services company will be necessary and appropriate for the removal of all furniture remaining at MIRA's offices at 200 Corporate Place after the Staff Relocations are complete (the "Leftover Furniture") and resulting movement, storage, and/or disposal of the Leftover Furniture (the "Leftover Furniture Decommissioning") if such Leftover Furniture cannot otherwise be sold; and

WHEREAS, staff has determined that some of the furniture required for the Staff Relocations and some of the Leftover Furniture is electrified modular panels that require the services of an electrician to safely move or install; and

WHEREAS, staff have reached out to moving companies who have been prequalified by the Connecticut Department of Administrative Services to provide price quotes and proposals to complete the Staff Relocations and Leftover Furniture Decommissioning; and

WHEREAS, staff have additionally reached out to electricians who have been prequalified by the Connecticut Department of Administrative Services to provide price quotes and proposals to complete the Staff Relocations and Leftover Furniture Decommissioning; and

NOW THEREFORE, be it

RESOLVED: that MIRA's Board of Directors directs Management to formally engage William B. Meyer, Inc. as a moving services company to complete the Staff Relocations and necessary Leftover Furniture Decommissioning tasks substantially as described herein at a cost not to exceed \$30,000.

President Kirk stated that this resolution approves selection of a contractor for our move to the WPF Office. William B Meyer is recommended. The outreach and competitive process undertaken by Roger Guzowski is described in the resolution and was done from DAS approved vendors.

The motion previously made and seconded was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna	X		
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

**9. RESOLUTION REGARDING AMENDMENT TO SECTION 9.1, VACATION, OF THE AUTHORITY'S EMPLOYEE HANDBOOK**

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

**WHEREAS**, the Authority has long-serving employees on whom it depends for institutional knowledge and expertise; and

**WHEREAS**, the Authority values its employees highly and deems it appropriate to acknowledge and reward long service;

**NOW, THEREFORE, it is**

**RESOLVED:** That beginning in 2023, any employee who has completed thirty (30) years of service with the Authority shall receive an additional five (5) days of vacation per calendar year; and

**Further RESOLVED:** That Section 9.1, Vacation, of the Employee Handbook shall be amended accordingly.

President Kirk stated that MIRA would like to acknowledge the value of long term employees with institutional knowledge by awarding an additional five days' vacation. The extent and method of accruing these additional days was discussed and clarified.

Chairman Stein requested a motion to modify the foregoing resolution to clarify that the subject employees would receive a maximum of 25 days of vacation per calendar year. The motion was made by Director Hayden and seconded by Director Weisselberg. The motion to amend was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna	X		
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		

Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

Chairman Stein then requested a motion to approve the foregoing resolution as amended. The motion previously made and seconded was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Vice Chairman Hayden	X		
Lenard Assard	X		
Carl Fortuna	X		
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

#### **10. RESOLUTION REGARDING AUTHORITY ORGANIZATION**

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

**WHEREAS**, The Materials Innovation and Recycling Authority (“Authority”) bylaws provide that the Directors shall establish from time to time such rules and regulations as may be necessary to provide an adequate and systematic procedure for handling the personnel affairs of the administrative staff of the Authority; and



**WHEREAS,** The Directors have established hiring, compensation, promotion and dismissal procedures (known as Policy and Procedure No BOD 012) which provide, among other things, that the creation of all positions and the duties and compensation therefore are subject to the prior approval of the Board of Directors; and

**WHEREAS,** The Authority has established an Internal Management Procedure known as the Authority's Employee Handbook which provides, among other things, that the organization of the Authority is established by the President and approved by the Board of Directors, and that from time to time the President may recommend to the Board revisions in the staffing structure to meet the changing needs of the administration; and

**WHEREAS,** The Authority has closed its CSWS Resource Recovery Facility in Hartford due to its age, serviceability and underlying economics, transitioned to waste transfer operations on behalf of a significantly reduced base of municipal customers, and commenced a consolidation of staff and duties in response to these circumstances; and

**WHEREAS,** Such consolidation of staff and duties involves a reduction in force from a total of 30 budgeted positions in the fiscal year 2022 adopted budget to a total of 15 positions substantially effective as of January 2023 as shown graphically in the Organizational Structure (Post January 2023) and Realignment of Duties included in Exhibit A attached hereto; and

**WHEREAS,** The Authority now desires to codify and approve such consolidation of staff and duties as required under its Bylaws, Policy and Procedure No BOD 012, and the Employee Handbook also as shown in the Position Summaries included in Exhibit A attached hereto; and

**WHEREAS,** At its September 21, 2022 meeting, the Authority resolved that the practice of requiring two signatures on Authority checks shall continue after Mark Daley assumes the position of President on January 6, 2023 by requiring signatures of Mark Daley as President and Cheryl Kaminsky as Manager of Accounting and Financial Reporting and now desires to further specify such payments and authorize employees to transfer funds electronically in accordance with its past practices and adopted resolutions.

**NOW THEREFORE, be it**

**RESOLVED:** That this Board hereby approves the Materials Innovation and Recycling Authority Organizational Structure (Post January 2023), Position Summaries and Realignment of Duties depicted in Exhibit A attached hereto.

**FURTHER RESOLVED:** That the funds of the Authority deposited or invested in any financial institution be subject to withdrawal at any time through checks, notes, bills of exchange, acceptance, or other instruments for payment of money when made, signed, accepted or endorsed on behalf of the Authority, by two of the following: Mark Daley and Cheryl Kaminsky.

**FURTHER RESOLVED:** That any funds that are transferred using methods of Automatic Clearing House (ACH), wire transfer, or electronic banking shall be endorsed on behalf of the Authority, by two of the following: Mark Daley, Cheryl Kaminsky, Todd Arcelaschi and Barbara Dillon provided however that Mark Daley must be one of the two signers.

Mr. Daley stated this resolution is intended to formally acknowledge the personnel changes that are occurring in response to the closure of the Waste to Energy Facility, reduced customer base and MIRA's consolidation and was reviewed in detail at the OS&HR Committee meeting. Board approval is anticipated under the Bylaws, personnel procedures and the Employee handbook as referenced in the resolution. He said the resolution expresses approval of the organization structure to be effective January 2023, the position summaries and realignment of duties documented in attachments to the resolution.

Mr. Daley added that the first attachment is the organizational chart effective January 2023. We are reducing staff by 50% from the number approved in the FY 2022 budget. There are 15 position retained. 6 of these are in operations including the director. 4 are in accounting and finance which includes the Comptroller. There are two engineers retained as well as a supply chain manager and IT manager. Mr. Daley said the mission for this consolidated MIRA is fairly strait forward. We will serve the remaining base of municipal customers at Torrington and Essex transfer stations, economize services and utilities at closed facilities, preserve existing waste management infrastructure pending policy decisions, and potentially restructure operating contracts to reduce subsidy requirements, dispose of unneeded surplus equipment and off course decommission the Waste to Energy Facility.

Mr. Daley added that the second attachment is the position summaries for all 15 retained positions. These summaries all reflect duties added to existing positions made to accommodate reduced staffing. He described 5 title changes being made with approval of the resolution.

Mr. Daley commended the employees leaving MIRA for their professionalism in preparing others to assume their duties that can't be discontinued.

The motion previously made and seconded was approved by roll call vote as follows:

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

Lenard Assard	X		
Carl Fortuna	X		
Bert Hunter (not present)			
Ed Mone	X		
Richard Soderman	X		
Dave Steuber	X		
Sue Weisselberg	X		
<b>Ad Hoc Members</b>			
Luke Bronin (CSWS) (not present)			

#### **11. DISCUSSION REGARDING HEALTH AND WELFARE BROKER OF RECORD SERVICES AGREEMENT**

Chairman Stein noted that this is a discussion item and requested President Kirk to review the reason for bringing it to the Board. President Kirk stated that MIRA has selected a broker for our medical insurance and the cost does not meet the threshold for Board approval. The OS&HR Committee reviewed and requested discussion at the Board for transparency purposes. The Broker is Assured partners. After brief discussion, it was the consensus that management should proceed with the contract.

#### **12. CHAIRMAN'S AND PRESIDENT'S REPORT**

Chairman Stein noted that he expected the legislative Working Group would start to become more active shortly.

President Kirk discussed the monthly and year to date financial and operation reports highlighting the Authority's efforts to stem diversion of waste deliveries away from the CSWS due to related financial penalties that are associated with the Authority not meeting delivery obligations to its contractors. President Kirk also advised the Board that the Hartford Court of Common Council has asked MIRA to attend its December 7<sup>th</sup> meeting to discuss and present the Closure Plan

Mr. Daley presented a proposed calendar of Board and Board Committee meetings for calendar year 2023. Ms. Hunt noted that the schedule needs to be provided to the Secretary of State by January 31 at the latest, but at least 30 days before any regular meeting can be scheduled, and therefore that she wants to provide it to the Secretary of State by the end of November so that the January meetings can be considered Regular Meetings. She further noted that the schedule can be changed at any time, but changes need to be made a minimum of 30 days ahead in order for that meeting to be maintained as a regular meeting. There were no objections to the proposed calendar and Mr. Daley stated that it would be posted.

### **13. EXECUTIVE SESSION**

Chairman Stein requested a motion to go into Executive Session to discuss pending litigation (1) in the matter of Zurich American Insurance Company et al. v. NAES Corporation, (including consideration of settlement), and (2) to consider action by the Authority to enforce legal rights regarding municipal flow control obligations under its MSAs, and under its waste delivery agreements with private waste hauling companies. Chairman Stein confirmed that in addition to the directors, President Kirk, Pete Egan, Laurie Hunt, Mark Daley, Tom Gaffey, Dave Bodendorf and Ann Catino should attend the Executive Session.

The motion was made by Director Assard and seconded by Director Hunter.

The motion previously made and seconded was approved by roll call vote as follows.

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

Dave Steuber	X		
Rich Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin			

Executive Session began at 10:25 and ended at 10:40. Chairman Stein noted that there were no motions made and no votes taken during Executive Session, and resumed the public meeting.

**14. RESOLUTION REGARDING THE ADDITION OF AN ITEM TO THE AGENDA: AN AGREEMENT WITH COUNTRY TRANSFER LLC TO DELIVER MUNICIPAL SOLID WASTE DIRECTLY TO THE COVANTA WASTE-TO-ENERGY FACILITY IN PRESTON, CT, UNDER MIRA'S ACCOUNT.**

Chairman Stein requested a motion to add the foregoing resolution to the agenda. The motion was made by Director Mone and seconded by Director Soderman, and was approved by roll call vote as follows.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Jim Hayden	X		
Carl Fortuna	X		
Bert Hunter	X		
Sue Weisselberg	X		
Ed Mone	X		

Leonard Assard	X		
Dave Steuber	X		
Rich Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin			X

**15. RESOLUTION REGARDING AN AGREEMENT WITH COUNTRY TRANSFER LLC TO DELIVER MUNICIPAL SOLID WASTE DIRECTLY TO THE COVANTA WASTE-TO-ENERGY FACILITY IN PRESTON, CT, UNDER MIRA'S ACCOUNT.**

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

Peter Egan noted that this resolution is necessary because it involves a contract for greater than \$50,000 per year. Mr. Egan stated that this agreement benefits MIRA in two ways. First, it avoids a potential dispute between MIRA and Country Transfer LLC (Country) regarding Country's failure to deliver its minimum commitment of MSW during FY2022 pursuant to the Interruptible Contract Waste agreement between Country and MIRA. Country will make up its FY2022 shortfall under this agreement by delivering MSW directly to the Covanta facility in Preston, CT under MIRA's account, for which Country will pay MIRA \$95.00 per ton. Second, it provides additional tons of MSW for which MIRA will receive credit under its delivery agreement with Covanta during FY 2023, which delivery agreement has a minimum tonnage commitment.

The motion previously made and seconded was approved by roll call vote as follows.

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein	X		
Jim Hayden	X		
Carl Fortuna	X		
Bert Hunter	X		

Sue Weisselberg	X		
Ed Mone	X		
Leonard Assard	X		
Dave Steuber	X		
Rich Soderman	X		
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin (Not Present)			

#### 16. **ADJOURNMENT**

Chairman Stein requested a Motion to Adjourn. The motion was made by Director Assard, seconded by Director Mone, and unanimously approved. The meeting adjourned at 10:46 a.m.

# TAB 2



**RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD**

**CONCERNING LA**

AF 2

**ATING STIF**

**WHEREAS,** The Materials Innovation and Recycling Authority (the Authority) has previously authorized establishment of a Landfill Division Operating Fund within the State Treasurer's Short Term Investment Fund ("STIF"); and

**WHEREAS,** The Authority desires to maximize its interest earnings on funds held with the State Treasurer's Short Term Investment Fund ("STIF").

**NOW THEREFORE, be it**

**RESOLVED:** That management is hereby authorized to establish a Landfill Division Operating Fund within the STIF.

**FURTHER RESOLVED:** That management is hereby authorized to transfer all monies held with the existing Landfill Account into such Landfill Division Operating STIF.

**FURTHER RESOLVED:** That management is hereby authorized to subsequently close the existing Landfill Account.

## **PROCEDURAL REQUIREMENTS (LANDFILL DIVISION OPERATING STIF)**

Author: Mark Daley, Chief Financial Officer

### Committee Requirements:

- Assigned MIRA Finance Committee
- Quorum – 50% of the Directors on the Committee (4 Director Committee – 2 Director quorum)
- Item carries with majority of Directors present

Director	Raised	Second	Aye	Nay	Abstain
Bert Hunter (Chair)			X		
Carl Fortuna		X	X		
Jim Hayden			X		
Sue Weisselberg	X		X		

### Board Requirements:

- Quorum – 6 Directors that include at least two (2) Directors that are Municipal Officials (Don Stein, Carl Fortuna, Dave Steuber and Ed Mone)
- X   Item carries with majority of Directors present unless otherwise specified
- Specified as requiring 2/3 of full Board (8 Directors)
  - Purchasing and Contracting Rules & Procedures (22a-266(c))
  - Contract Over 5 Years or Greater than \$50,000 Annual Consideration(22a-268)
  - Proposed Procedure (1-120)
  - Special Capability Exception Over \$10,000 (Procurement Policy Section 3.1.2.5)
  - Settlement Exception (Procurement Policy Section 3.1.2.7)
  - Acquisition or Sale of Real Property (Procurement Policy Section 5.1.3 & 5.2.3)
- Specified as requiring 2/3 of Directors present and eligible (Bylaws Section 504)
  - Expenditure of \$50,000 or more for outside consultant
  - Entering Executive Session
  - Addition of Agenda Item at a regular meeting

Director	Raised	Second	Aye	Nay	Abstain
Chairman Stein					
Vice Chairman Hayden					
Lenard Assard					
Carl Fortuna					
Bert Hunter					
Ed Mone					
Richard Soderman					
Dave Steuber					
Sue Weisselberg					
<b>Ad Hoc Members</b>					
Luke Bronin (CSWS)					

# TAB 3

**RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD  
OF DIRECTORS**

**CONCERNING AUTHORITY GENERAL FUND STIF**

**WHEREAS,** The Materials Innovation and Recycling Authority (Authority) has previously authorized establishment of an Authority General Fund Checking Account within the Bank of America ("Authority Account"); and

**WHEREAS,** The Authority desires to maximize its interest earnings on funds held with the State Treasurer's Short Term Investment Fund ("STIF").

**NOW THEREFORE, be it**

**RESOLVED:** That management is hereby authorized to establish an Authority General Fund within the STIF.

**FURTHER RESOLVED:** That management is hereby authorized to transfer such portion of the monies held with the existing Authority Account into such Authority General Fund STIF as is necessary to maintain an Authority Account balance of two hundred thousand dollars (\$200,000).

**FURTHER RESOLVED:** That management shall continue use of such Authority Account for payment of Authority expenses in accordance with procedures heretofore authorized by this Board.

A#3

## **PROCEDURAL REQUIREMENTS (AUTHORITY GENERAL FUND STIF)**

Author: Mark Daley, Chief Financial Officer

### Committee Requirements:

- Assigned MIRA Finance Committee
- Quorum – 50% of the Directors on the Committee (4 Director Committee – 2 Director quorum)
- Item carries with majority of Directors present

<b>Director</b>	<b>Raised</b>	<b>Second</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Bert Hunter (Chair)			X		
Carl Fortuna		X	X		
Jim Hayden	X		X		
Sue Weisselberg			X		

### Board Requirements:

- Quorum – 6 Directors that include at least two (2) Directors that are Municipal Officials (Don Stein, Carl Fortuna, Dave Steuber and Ed Mone)
- X   Item carries with majority of Directors present unless otherwise specified
- Specified as requiring 2/3 of full Board (8 Directors)
  - Purchasing and Contracting Rules & Procedures (22a-266(c))
  - Contract Over 5 Years or Greater than \$50,000 Annual Consideration(22a-268)
  - Proposed Procedure (1-120)
  - Special Capability Exception Over \$10,000 (Procurement Policy Section 3.1.2.5)
  - Settlement Exception (Procurement Policy Section 3.1.2.7)
  - Acquisition or Sale of Real Property (Procurement Policy Section 5.1.3 & 5.2.3)
- Specified as requiring 2/3 of Directors present and eligible (Bylaws Section 504)
  - Expenditure of \$50,000 or more for outside consultant
  - Entering Executive Session
  - Addition of Agenda Item at a regular meeting

<b>Director</b>	<b>Raised</b>	<b>Second</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Chairman Stein					
Vice Chairman Hayden					
Lenard Assard					
Carl Fortuna					
Bert Hunter					
Ed Mone					
Richard Soderman					
Dave Steuber					
Sue Weisselberg					
<b>Ad Hoc Members</b>					
Luke Bronin (CSWS)					

# TAB 4

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## FY 2024 BUDGET DEVELOPMENT SUMMARY



- ▶ Restructured Budgets Reflect:
  - ▶ MIRA's Consolidation
  - ▶ MIRA's Interim Mission
- ▶ Draft Authority Budget
- ▶ Draft Property Division Budget
- ▶ Draft Landfill Division Budget

# RESTRUCTURED BUDGETS REFLECT

## MIRA's Consolidation:

- ▶ Reduced Municipal Customer Base
- ▶ Closure of the Hartford Waste to Energy Facility
- ▶ Closure of Watertown Transfer Station
- ▶ Closure of Hartford Recycling Facility
- ▶ 50% Reduction in Authority Administrative Staff
  - ▶ Updated Org Chart, Job Descriptions and Training for Retained Personnel
  - ▶ RIF Planning and Implementation for Personnel Not Retained
- ▶ Retained Administrative Staff Consolidated to Hartford WTE
  - ▶ NAES Vacated, Facility Refurbishment Contracted, Movers Contracted
- ▶ Shutdown of Jets Facility



# MIRA'S INTERIM MISSION

- ▶ Evolve to a smaller workforce responsive to current demand for its operational services and facilities;
- ▶ Continue to serve 23 municipalities through contract operation of the Torrington and Essex transfer stations;
- ▶ Explore restructuring operating contracts to achieve operating efficiencies;
- ▶ Explore the best use of MIRA's reserves consistent with its statutory authority;
- ▶ Economize services and utilities at closed facilities;
- ▶ Secure and preserve waste management infrastructure pending development or other disposition;
- ▶ Sell, scrap or recycle unneeded equipment;
- ▶ Commence decommissioning of the CSWS Waste to Energy Facility upon DEEP's approval of a closure plan; and
- ▶ Coordinate with Special Act 22-11 Solid Waste Management Working Group.
- ▶ MIRA's New Interim Mission is Now Incorporated in Job Descriptions, Governor's Annual Report and Annual Plan of Operations.

# AUTHORITY BUDGET

(SEE EXHIBIT A FOR DETAILS)

- ▶ Personnel Services Reduced 35.1%: \$2,118,855
  - ▶ 7 Positions Directly Allocated to CSWS
  - ▶ 1 Positions Directly Allocated to Property Division
  - ▶ 7 Positions Funded Through Authority Budget
  - ▶ A Total of 15 Authority Positions
- ▶ Non-Personnel Services Reduced 34.3%: \$ 578,847
  - ▶ Office Services (\$28,350)
  - ▶ Insurance (\$223,535)
  - ▶ Professional Services (\$112,000)
  - ▶ IT / Telecommunications (\$146,482)
  - ▶ Other (\$68,480)
- ▶ Combined Personnel & Non Personnel Services: \$2,697,702

(Overall 33.7% Reduction in Addition to FY 2023 Reduction of 16.5%)

# AUTHORITY BUDGET

(SEE EXHIBIT A FOR DETAILS)

▶ Direct Personnel Services Allocations:	\$1,039,013
▶ Property Division (\$200,012)	
▶ Landfill Division (\$0)	
▶ CSWS (\$839,001)	
▶ Authority Budget Allocations:	\$1,658,689
▶ Property Division (\$452,766)	
▶ Landfill Division (\$38,679)	
▶ CSWS (\$1,167,245)	
▶ Combined Personnel & Non Personnel Services: (Allocated)	\$2,697,702
▶ Exceeds Reductions Targeted in MSA Amendment Projection of Tier I Short Term Disposal Fees.	

# PROPERTY DIVISION BUDGET

(SEE EXHIBIT B FOR DETAILS)

- ▶ **Structural Changes:**
  - ▶ Jets Operations Cease at Close of FY 2023
    - ▶ May 31, 2023 ISO New England Delist
    - ▶ NAES Contract Terminates June 30, 2023
    - ▶ Jets Shut Down Expenses are Budgeted for Fiscal Year 2024
    - ▶ Non Budgeted Jets Decommission Executed by Sale and/or Scrap RFP
      - ▶ Net Revenue to General Fund
  - ▶ Closed Facilities Assigned to Property Division for Preservation Budgeting
    - ▶ 211 Murphy Road
    - ▶ Watertown Transfer Station
    - ▶ Ellington Transfer Station
    - ▶ South Meadows Waste to Energy Facility
  - ▶ Contingent and Temporary Costs Inflate FY 2024 Draft Budget
    - ▶ Proposed Funding Through Property Division General Fund

# PROPERTY DIVISION BUDGET

(SEE EXHIBIT B FOR DETAILS)

▶ Operating and Non Operating Revenue -	\$1,386,905
▶ Lease Income (\$536,905)	
▶ Interest on Property Division Accounts (\$850,000) (Excludes Decommission Reserve)	
▶ Sale & Scrap of Surplus Property (\$TBD)	
▶ Net Revenue to General Fund	
▶ Use of Property Division General Fund -	\$1,393,760
▶ <u>Contingent</u> South Meadows Electricity (\$736,000)	
▶ <u>Temporary</u> Coal Pond Discharges (\$486,180)	
▶ <u>Temporary</u> Jets Shut Down Expense (\$126,850)	
▶ Operating / Non Operating Loss (\$44,730)	
▶ Total Revenue and Use of Reserve -	\$2,780,665

# PROPERTY DIVISION BUDGET

(SEE EXHIBIT B FOR DETAILS)

▶ Operating and Non Operating Expenses - (Excluding Contingent / Temporary Expenses)	\$1,431,635
▶ Authority Budget Allocation	\$452,766
▶ Direct Personnel Services	\$200,012
▶ Non Personnel Services	\$129,912
▶ Railroad Maintenance	\$11,500
▶ 171 Murphy Road	\$29,195
▶ 211 Murphy Road	\$94,915
▶ Ellington Transfer Station	\$17,570
▶ Watertown Transfer Station	\$36,835
▶ South Meadows	\$458,930
▶ Operating / Non Operating Loss - (Excluding Contingent / Temporary Expenses)	\$ 44,730

# LANDFILL DIVISION BUDGET

(SEE EXHIBIT C FOR DETAILS)

▶ Operating and Non Operating Revenue -	\$372,280
▶ Hartford Solar Project (\$234,304)	
▶ Shelton Lease (\$9,000)	
▶ Wallingford Solar Project (\$46,476)	
▶ Interest Income (\$82,500)	
▶ Operating and Non Operating Expenses -	\$253,027
▶ Authority Budget Allocation (\$38,679)	
▶ Non Personnel Services (\$36,293)	
▶ Hartford Solar Revenue Share (\$58,055)	
▶ Pollution Insurance (\$120,000)	
▶ Operating and Non Operating Income -	\$119,253

# **EXHIBIT A**





**EXHIBIT A - Draft Authority Budget**  
**December 7, 2022 Finance Committee Meeting**  
**Total Personnel Services Budget**  
**Total Authority Budget**

	FY 2022 Actual	FY 2023 Adopted	FY 2024 Proposed	FY 2024 Proposed Increase or (Decrease) From			
				FY 2022 Actual		FY 2023 Adopted	
				\$	%	\$	%
<b>Personnel Services</b>							
Charged Direct to Projects	\$ 1,577,178	\$ 1,545,845	\$ 1,039,013	\$ (538,165)	-34.1%	\$ (506,832)	-32.8%
Indirect via Authority Budget	\$ 2,119,933	\$ 1,718,325	\$ 1,079,843	\$ (1,040,090)	-49.1%	\$ (638,482)	-37.2%
<b>Total</b>	<b>\$ 3,697,111</b>	<b>\$ 3,264,170</b>	<b>\$ 2,118,855</b>	<b>\$ (1,578,256)</b>	<b>-42.7%</b>	<b>\$ (1,145,314)</b>	<b>-35.1%</b>
<b>Authority Budget</b>							
Indirect Personnel Services	\$ 2,119,933	\$ 1,718,325	\$ 1,079,843	\$ (1,040,090)	-49.1%	\$ (638,482)	-37.2%
Non Personnel Services	\$ 769,011	\$ 807,118	\$ 578,847	\$ (190,165)	-24.7%	\$ (228,271)	-28.3%
<b>Total</b>	<b>\$ 2,888,944</b>	<b>\$ 2,525,443</b>	<b>\$ 1,658,689</b>	<b>\$ (1,230,255)</b>	<b>-42.6%</b>	<b>\$ (866,753)</b>	<b>-34.3%</b>
<b>Combined Personnel and Non Personnel Services</b>	<b>\$ 4,466,122</b>	<b>\$ 4,071,288</b>	<b>\$ 2,697,702</b>	<b>\$ (1,768,420)</b>	<b>-39.6%</b>	<b>\$ (1,373,585)</b>	<b>-33.7%</b>

**Personnel Services**

The FY 2024 total draft proposed Personnel Services budget of \$2,118,855 reflects the completed transition from Waste to Energy to transfer operations. The draft Personnel Services budget funds a total of 15 Authority positions which is a reduction of 11 positions from the FY 2023 adopted budget. The proposed budget reflects a 42.7% decrease in comparison to FY 2022 actual audited Personnel Services and a 35.1% decrease from the FY 2023 adopted budget for Personnel Services. The budget funds all salary, salary related and benefits for all budgeted MIRA positions as shown on Exhibit A-1.

Medical benefit costs are budgeted based on current actual premiums effective through June 30, 2023 plus escalation of 6.5% applied for FY 2024. Dental, vision and life / ADD are also based on current premiums plus escalation of 6.5%. There is no proposed increase in current employee cost shares for medical and dental. Employee cost shares are subject to review during open enrollment.

The Personnel Services budget is segregated between positions allocated direct to projects and divisions and indirect positions allocated through the Authority Budget. Direct allocation is used when positions are dedicated solely to a specific project / function (CSWS scale operator positions being a good example). Indirect allocations are used when positions serve all projects and divisions (finance and accounting positions being a good example). There are 7 FTEs allocated direct to the CSWS, 1 FTE allocated direct to the Property Division and 7 indirect positions allocated through the Authority Budget.

**Authority Budget**

The Authority Budget comprises the indirect portion of the Personnel Services budget described above and all Non Personnel Services not directly associated with a specific project or division. Non Personnel Services include such expenses as WTE office services in lieu of rent, office supplies, postage and printing, insurance, brokerage, legal, information technology and consulting. The proposed Non Personnel Services budget of \$578,847 reflects a 24.7% decrease from FY 2022 actual audited expenses and a 28.3% decrease from the adopted FY 2023. See Exhibit A-2 for the breakdown of Non Personnel Services which has been developed to reflect FY 2024 requested spending recognizing position reductions and the office relocation. The total proposed Authority Budget for FY 2023 is \$1,658,689 which represents a 42.6% reduction from FY 2022 actual expenses and a 34.3% decrease from the FY 2023 budget. See Exhibits A-3 and A-4 for the allocation of the Authority Budget and direct Personnel Services to the CSWS, Property and Landfill divisions. The reduction to CSWS allocated cost is consistent with the tip fee forecasts recently developed to reflect alternate transfer operation scenarios.

**The FY 2024 draft combined personnel and non-personnel services of \$2,697,702 reflects a 39.6% decrease in comparison to FY 2022 actual expenses and reflects a 33.7% reduction in comparison to the adopted FY 2023 budget.**

**The FY 2024 draft combined personnel and non-personnel services of \$2,006,245 allocated to the CSWS (as shown on Exhibit A-4) is 12% lower than the projected allocation incorporated in "Attachment B - Projected Tier 1 Short Term Disposal Fees" to the Second Amendment to Tier 1 Long Term Municipal Solid Waste Management Services Agreement.**

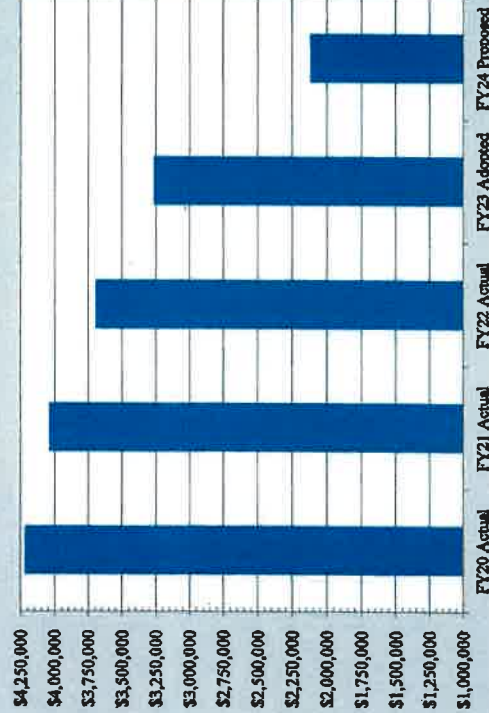
**EXHIBIT A-1**  
**MATERIALS INNOVATION AND RECYCLING AUTHORITY**  
**DRAFT AUTHORITY BUDGET FY 2024**  
**TOTAL PERSONNEL SERVICE BUDGET**

Total Personnel Services	FY23 Adopted	FY24 Proposed	Difference	% Inc/Dec
<b>Labor Related Payroll</b>				
Regular Payroll	\$ 2,323,568	\$ 1,473,899	\$ (849,669)	-36.57%
Merit / General Pool Increases	\$ -	\$ -	\$ -	100.00%
Unassigned MPA Adjustments	\$ -	\$ -	\$ -	100.00%
Overtime Payroll (Based upon prior year)	\$ 30,000	\$ 30,000	\$ -	0.00%
<b>Total Labor</b>	<b>\$ 2,353,568</b>	<b>\$ 1,503,899</b>	<b>\$ (849,669)</b>	<b>-36.10%</b>
<b>Labor Related Payroll Taxes</b>				
Medicare Tax	\$ 33,043	\$ 21,372	\$ (11,672)	-35.32%
Social Security	\$ 139,371	\$ 91,161	\$ (48,209)	-34.59%
CT Unemployment Compensation	\$ 7,410	\$ 4,275	\$ (3,135)	-42.31%
<b>Total Payroll Tax</b>	<b>\$ 179,824</b>	<b>\$ 116,808</b>	<b>\$ (63,016)</b>	<b>-35.04%</b>
<b>Subtotal Labor Costs</b>	<b>\$ 2,533,392</b>	<b>\$ 1,620,707</b>	<b>\$ (912,685)</b>	<b>-36.03%</b>
<b>Employee Benefits</b>				
Medical & Dental*	\$ 452,252	\$ 305,262	\$ (146,991)	-32.50%
Life and Disability*	\$ 27,637	\$ 17,969	\$ (9,668)	-34.98%
Vision*	\$ 6,148	\$ 4,084	\$ (2,064)	-33.57%
Medical Opt-out	\$ 15,531	\$ 7,936	\$ (7,595)	-48.90%
Total Health Benefits Costs	\$ 501,568	\$ 335,251	\$ (166,317)	-33.16%
Employee Medical & Dental Contributions*	\$ (48,426)	\$ (30,117)	\$ 18,308	-37.81%
Net Health Benefits Costs	\$ 453,142	\$ 305,133	\$ (148,009)	-32.66%
401-K Contribution (Regular Salary)	\$ 227,885	\$ 147,390	\$ (80,495)	-35.32%
<b>Subtotal Employee Benefits Costs</b>	<b>\$ 681,027</b>	<b>\$ 452,523</b>	<b>\$ (228,504)</b>	<b>-33.55%</b>
<b>Wellness</b>				
	\$ 9,750	\$ 5,625	\$ (4,125)	-42.31%
<b>Other Benefit-Related Costs</b>				
Other Benefits	\$ 2,000	\$ 2,000	\$ -	0.00%
401(k) Consultant	\$ 14,000	\$ 14,000	\$ -	0.00%
Benefits Administration/Brokerage	\$ 24,000	\$ 24,000	\$ -	0.00%
<b>Subtotal Other Benefit-Related Costs</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>0.00%</b>
<b>TOTAL PERSONNEL SERVICES</b>	<b>\$ 3,264,170</b>	<b>\$ 2,118,855</b>	<b>\$ (1,145,314)</b>	<b>-35.09%</b>

**HISTORICAL COMPARISON - BUDGET VERSUS ACTUAL**

Fiscal Year	Adopted	Budget Inc/Dec	Actual Amount	Difference Amount
FY17	\$ 4,746,502		\$ 4,277,053	\$ (469,449)
FY18	\$ 4,604,275	-3.00%	\$ 4,382,246	\$ (222,029)
FY19	\$ 4,500,781	-2.25%	\$ 4,243,799	\$ (256,982)
FY20	\$ 4,398,267	-2.28%	\$ 4,220,058	\$ (178,209)
FY21	\$ 4,296,850	-2.31%	\$ 4,041,526	\$ (255,324)
FY22	\$ 4,136,510	-3.73%	\$ 3,697,111	\$ (439,399)
<b>Total</b>	<b>\$ 26,683,185</b>		<b>\$ 24,861,793</b>	<b>\$ (1,821,392)</b>

**MIRA FY20 - FY24 Personnel Services Expenses**



**EXHIBIT A-2****MATERIALS INNOVATION AND RECYCLING AUTHORITY****DRAFT AUTHORITY BUDGET FY 2024****TOTAL NON PERSONNEL SERVICES BUDGET**

Description	ACTUAL FY22	ADOPTED FY23	PROPOSED FY24	Increase or (Decrease) From			
				FY 2022 Actual		FY 2023 Adopted	
				\$	%	\$	%
Postage and Delivery Fees	\$ 6,781	\$ 7,600	\$ 7,600	\$ 819	12.1%	\$ -	0.0%
Telecommunications	\$ 49,316	\$ 53,800	\$ 41,900	\$ (7,416)	-15.0%	\$ (11,900)	-22.1%
Copier	\$ 3,074	\$ 4,300	\$ 3,000	\$ (74)	-2.4%	\$ (1,300)	-30.2%
Printing Services	\$ 609	\$ 1,250	\$ 1,450	\$ 841	138.2%	\$ 200	16.0%
Advertising - Legal Notices/Recruitment	\$ 915	\$ 4,000	\$ 3,250	\$ 2,335	255.2%	\$ (750)	-18.8%
Office Supplies	\$ 3,342	\$ 3,500	\$ 3,425	\$ 83	2.5%	\$ (75)	-2.1%
Protect Clothing/Safety Equipment	\$ -	\$ -	\$ 500	\$ 500	100.0%	\$ 500	100.0%
Miscellaneous Services	\$ 300	\$ 1,500	\$ 1,200	\$ 900	300.0%	\$ (300)	-20.0%
Subscript/Publ/Ref. Material	\$ 3,325	\$ 4,500	\$ 2,600	\$ (725)	-21.8%	\$ (1,900)	-42.2%
Dues-Professional Organizations	\$ 3,353	\$ 3,620	\$ 2,855	\$ (498)	-14.9%	\$ (765)	-21.1%
Business Meetings and Travel	\$ -	\$ 1,850	\$ 2,125	\$ 2,125	100.0%	\$ 275	14.9%
Training	\$ -	\$ 2,000	\$ 775	\$ 775	100.0%	\$ (1,225)	-61.3%
Payroll Software Services	\$ 12,630	\$ 15,000	\$ 12,000	\$ (630)	-5.0%	\$ (3,000)	-20.0%
Record Retention Services	\$ 6,755	\$ 7,400	\$ 10,000	\$ 3,245	48.0%	\$ 2,600	35.1%
Mileage Reimbursement	\$ 31	\$ 300	\$ 2,200	\$ 2,169	7089.5%	\$ 1,900	633.3%
Vehicle Repair/Maintenance	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Office Equipment Service	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Building Operations	\$ -	\$ 1,000	\$ 28,350	\$ 28,350	100.0%	\$ 27,350	2735.0%
Insurance Claims/Losses	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Bad Debt Expense	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Rent	\$ 202,576	\$ 205,898	\$ -	\$ (202,576)	-100.0%	\$ (205,898)	-100.0%
Fuel for Vehicles	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Temporary Agency Services	\$ 38,050	\$ 2,500	\$ 500	\$ (37,550)	-98.7%	\$ (2,000)	-80.0%
Insurance Premiums	\$ 186,091	\$ 224,500	\$ 202,217	\$ 16,126	8.7%	\$ (22,283)	-9.9%
Information Technology Consultant	\$ 806	\$ 5,600	\$ 8,300	\$ 7,494	929.5%	\$ 2,700	48.2%
Information Technology Maintenance	\$ 47,688	\$ 65,000	\$ 83,282	\$ 35,594	74.6%	\$ 18,282	28.1%
Legal Fees	\$ 117,711	\$ 65,000	\$ 65,000	\$ (52,711)	-44.8%	\$ -	0.0%
Auditor	\$ 40,000	\$ 41,000	\$ 42,000	\$ 2,000	5.0%	\$ 1,000	2.4%
Insurance Consulting/Brokerage	\$ 4,779	\$ 30,000	\$ 21,318	\$ 16,540	346.1%	\$ (8,682)	-28.9%
Engineering, Technology & Consulting	\$ 9,570	\$ 15,000	\$ 5,000	\$ (4,570)	-47.8%	\$ (10,000)	-66.7%
Vehicles	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Office Furniture	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Computer Hardware	\$ 17,538	\$ 20,000	\$ 10,000	\$ (7,538)	-43.0%	\$ (10,000)	-50.0%
Computer Software	\$ 1,850	\$ 11,000	\$ 3,000	\$ 1,150	62.2%	\$ (8,000)	-72.7%
Debt Service - Principal	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Other Equipment	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Trustee / Bank Fees	\$ 11,921	\$ 10,000	\$ 15,000	\$ 3,079	25.8%	\$ 5,000	50.0%
Resource Rediscovery	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Operational Contingency	\$ -	\$ -	\$ -	\$ -	100.0%	\$ -	100.0%
Subtotal Non-Personnel Services	\$ 769,011	\$ 807,118	\$ 578,847	\$ (190,165)	-24.7%	\$ (228,271)	-28.3%

EXHIBIT A-3

MATERIALS INNOVATION AND RECYCLING AUTHORITY  
MIRA PRIMARY INDIRECT EXPENSE ALLOCATION METHODOLOGY BY PROJECT / DIVISION

FY2024 BUDGET  
(000 omitted on \$ Amounts)

	CSWS	Property Division	Landfill Division	Southeast	Mid-Con Project	Total
MSW Tons FY24 Est.	65,000	-	-	-	-	65,000
Percentage	100.0%	0.0%	0.0%	0.0%	0.0%	100%
Weighting	10.0%	10.0%	10.0%	10.0%	10.0%	10%
Adjusted Weighting	10.0%	0.0%	0.0%	0.0%	0.0%	10%
Recycling Deliveries FY24 Est.	12,000	-	-	-	-	12,000
Percentage	100.0%	0.0%	0.0%	0.0%	0.0%	100%
Weighting	10.0%	10.0%	10.0%	10.0%	10.0%	10%
Adjusted Weighting	10.0%	0.0%	0.0%	0.0%	0.0%	10%
Total Revenues FY24 Est. (\$000)	\$ 9,100	\$ 1,081	\$ 372	-	-	10,553
Percentage	86.2%	10.2%	3.5%	0.0%	0.0%	100%
Weighting	15.0%	15.0%	15.0%	15.0%	15.0%	15%
Adjusted Weighting	12.9%	1.5%	0.5%	0.0%	0.0%	15%
Total Current Assets FY22 Audit (\$000)	\$ 42,026	\$ 58,780	\$ 4,258	-	-	105,064
Percentage	40.0%	55.9%	4.1%	0.0%	0.0%	100%
Weighting	15.0%	15.0%	15.0%	15.0%	15.0%	15%
Adjusted Weighting	6.0%	8.4%	0.6%	0.0%	0.0%	15%
Transactions FY 24 Est.	864	1,287	108	-	-	2,259
Percentage	38.2%	57.0%	4.8%	0.0%	0.0%	100%
Weighting	25.0%	25.0%	25.0%	25.0%	25.0%	25%
Adjusted Weighting	9.6%	14.2%	1.2%	0.0%	0.0%	25%
Full Time Equivalents FY 24 Budget	7.00	1.00	-	-	-	8
Percentage	87.5%	12.5%	0.0%	0.0%	0.0%	100%
Weighting	25.0%	25.0%	25.0%	25.0%	25.0%	25%
Adjusted Weighting	21.9%	3.1%	0.0%	0.0%	0.0%	25%
Cumulative Weighting	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Adjusted Weighting	70.372%	27.297%	2.332%	0.000%	0.000%	100.000%

**EXHIBIT A-4****MATERIALS INNOVATION AND RECYCLING AUTHORITY****DRAFT AUTHORITY BUDGET FY 2024****ALLOCATION OF AUTHORITY BUDGET & DIRECT PERSONNEL SERVICES**

Total Authority Budget \$ 1,658,689

Project / Division	Indirect Allocation Benchmarked Percent	Authority Budget Allocation
Mid-Connecticut	0.000%	\$ -
Southeast Project	0.000%	\$ -
Landfill Division	2.332%	\$ 38,679
Property Division	27.297%	\$ 452,766
CSWS	70.372%	\$ 1,167,245
Total Authority Budget	100.000%	\$ 1,658,689

Total Direct Personnel Services \$ 1,039,013

Project / Division	Direct Personnel Service Allocation	
	Function	FY 2022 Budget
Mid-Connecticut		\$ -
Southeast Project		\$ -
Landfill Division		\$ -
Property Division	Operations Staff - Jets	\$ 200,012
CSWS	Operations Staff - CSWS	\$ 839,001
Total Direct Personnel Services		\$ 1,039,013

Combined Authority Budget and Direct Personnel Services \$ 2,697,702

Project / Division	Overall Allocation Percent	Total Allocated Cost
Mid-Connecticut	0.00%	\$ -
Southeast Project	0.00%	\$ -
Landfill Division	1.43%	\$ 38,679
Property Division	24.20%	\$ 652,778
CSWS	74.37%	\$ 2,006,245
Total Combined Authority Budget & Direct Personnel Services	100.00%	\$ 2,697,702

# **EXHIBIT B**



**EXHIBIT B - PROPERTY DIVISION DETAIL****REVENUES**

ACCOUNT	DESCRIPTION	ACTUAL FY22	ADOPTED FY23	PROPOSED FY24
35-001-000-43105	Jets Energy	\$ 10,374,507	\$ 7,584,881	\$ -
35-001-000-45101	<i>Golf Center</i>		\$ 16,638	\$ 24,956
35-001-000-45101	<i>Wheelabrator Lease</i>		\$ 456,949	\$ 456,949
35-001-000-45101	<i>Jets Billboard (minimum MAG)</i>		\$ 45,000	\$ 45,000
35-001-000-45101	<i>Jets Billboard (additional revenue share)</i>		\$ -	\$ 10,000
35-001-000-xxxxx	Lease Income	\$ 201,436	\$ 518,587	\$ 536,905
35-001-000-46101	Interest Income	\$ 56,039	\$ 10,000	\$ 850,000
35-001-000-49101	GAAP Interest income custodian AC	\$ (41,389)	n/a	n/a
35-001-000-46109	Interest Income leases	\$ 124,582	n/a	n/a
35-001-000-xxxxx	Interest Income	\$ 139,232	\$ 10,000	\$ 850,000
35-001-000-xxxxx	Use of Property Division General Fund Reserve	\$ -	\$ 3,300,000	\$ 1,393,760
<b>TOTAL OPERATING REVENUES</b>		<b>\$ 10,715,175</b>	<b>\$ 11,413,468</b>	<b>\$ 2,780,665</b>

**EXPENDITURE SUMMARY**

	DESCRIPTION	ACTUAL FY22	ADOPTED FY23	PROPOSED FY24
35-001-xxx-xxxxx	MIRA Personnel Services - Other Property O&M		\$ 637,736	\$ 652,778
35-001-501-xxxxx	MIRA Decommissioning Costs		\$ 3,300,000	\$ -
35-001-501-xxxxx	MIRA Non-Personnel Services		\$ 41,300	\$ 129,912
35-001-501-52408	Railroad Maintenance	\$ 10,050	\$ 11,025	\$ 11,500
	Resource Recovery/South Meadows Facility		NA	\$ 1,681,110
35-001-620-xxxxx	171 Murphy Road	\$ 14,045	\$ 27,815	\$ 29,195
	211 Murphy Road	\$ -	NA	\$ 94,915
	Ellington Transfer Station	\$ -	NA	\$ 17,570
	Watertown Transfer Station	\$ -	NA	\$ 36,835
35-001-951-xxxxx	Jets Operating/Shut Down Charges	\$ 1,515,274	\$ 1,597,811	\$ 126,850
<b>TOTAL OPERATING EXPENDITURES</b>		<b>\$ 1,539,369</b>	<b>\$ 5,615,687</b>	<b>\$ 2,780,665</b>

**OPERATING INCOME**

INCOME BEFORE DISBURSEMENT \$ 5,797,781 \$ (0)

**DISBURSEMENT OF PROPERTY DIVISION NET INCOME**

ACCOUNT	DESCRIPTION	ACTUAL FY22	ADOPTED FY23	PROPOSED FY24
35-001-501-52686	Contribution to Property Division General Fund		\$ 1,986,783	
35-001-501-52649	Contribution to CSWS Tip Fee Stabilization Fund		\$ 3,811,000	
<b>TOTAL DISBURSEMENT OF PD NET INCOME</b>			<b>\$ 5,797,783</b>	<b>\$ -</b>
<b>BALANCE</b>			<b>\$ (2)</b>	<b>\$ -</b>

# EXHIBIT B - PROPERTY DIVISION DETAIL

## EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY22	ADOPTED FY23	PROPOSED FY24
35-001-501-57871	Indirect Labor & Overhead - Administration	\$ 960,724	\$ 511,149	\$ 452,766
35-001-xxx-57874	Direct Salaries/Labor & Benefits - Operational	\$ 107,365	\$ 126,587	\$ 200,012
35-001-xxx-xxxxx	MIRA Personnel Services - Other Property O&M	\$ 1,068,089	\$ 637,736	\$ 652,778
	Decommissioning - Direct Salaries/Labor & Benefits		\$ 300,000	
	Decommissioning - Operating Expenses		\$ 3,000,000	
35-001-xxx-xxxxx	MIRA Decommissioning Costs		\$ 3,300,000	\$ -
35-001-501-52115	Advertising - Legal Notices	\$ 203	\$ 1,500	\$ 6,500
35-001-501-52305	Business Meeting & Travel	\$ -	\$ 100	\$ 100
35-001-501-52355	Mileage Reimbursement	\$ 20	\$ 100	\$ -
35-001-501-52856	Legal		\$ 10,000	\$ 10,000
35-001-501-52640	Insurance Premium	\$ 2,020	\$ 25,200	\$ 101,601
35-001-501-52875	Insurance Consulting/Brokerage Service	\$ 10,403	\$ 3,400	\$ 10,711
35-001-501-52899	Other Consulting Services		\$ 1,000	\$ 1,000
35-001-501-xxxxx	MIRA Non-Personnel Services	\$ 12,645	\$ 41,300	\$ 129,912
35-001-501-52408	Railroad Maintenance	\$ 10,050	\$ 11,025	\$ 11,500
<b>Resource Recovery/South Meadows Facility (incl WPF/PBF/Jets shop &amp; Grounds)</b>				
	Webcam internet		\$ -	
	Routine Telecomm			
	Transition cost to rewire licenes in elevators to outside not control room			
	Phone lines for elevators - after rewiring		\$ 1,800	
49-001-601-52104	Telecommunications	NA	\$ 1,800	
Air Temp	HVAC maintenance		\$ 20,000	
Braman	Pest control		\$ 6,000	
	Custodial Cleaning		\$ -	
Sontrol	Security/Access Control		\$ 5,000	
	Maintenance of security alarm system		\$ -	
American/Mass Fire	Maintenance of fire alarm system		\$ 20,000	
Hartford Sprinkler	mance of fire control system (sprinklers, extinguishers, etc.)		\$ 12,200	
	Lighting/Emergency lighting		\$ 1,000	
	Elevator maintenance and repair		\$ 15,000	
	Building signage, lockout-tagout, and other building-specific safety		\$ -	
	Roof inspection &/or repairs		\$ 3,000	
	Door/window repair		\$ -	
	Flooring repair		\$ -	
	Catch basin cleaning		\$ -	
	Misc trade repairs (plumbine, electrical, etc.)		\$ 10,000	
	Air compressor maintenance for fire suppression system		\$ 4,000	
	Universal waste disposal (lighting, batteries, etc.)		\$ 1,500	
	Backflow preventer maintenance		\$ 18,000	
	First Aid kits		\$ 1,000	
	Misc Hardware (locks, supplies, etc.)		\$ 5,000	
49-001-601-52404	Building Operations	NA	\$ 121,700	
	Mowing, trimming, etc.		\$ 23,000	
	Snow Removal		\$ 15,000	
	Paving repair & maintenance		\$ -	
	Perimeter Fence Repair		\$ 5,000	
	Perimeter/Grounds Signage		\$ -	
	Grounds Maintenance	\$ -	\$ -	\$ 43,000
	Scale Calibration and Maintenance		\$ 8,100	
	Radiation Detection Inspection and Maintenance		\$ -	
	Fire Tank Inspection Test		\$ -	
	Video Camera repairs		\$ -	
	Other		\$ -	
49-001-601-52407	Project Equipment Maintenance	\$ -	\$ -	\$ 8,100



# **EXHIBIT B - PROPERTY DIVISION DETAIL**

	Scale registration with State of CT			\$	1,000
	Solid Waste Permit Fees			\$	4,375
	Stormwater Permit Fees			\$	500
	Cooling Water intake/discharge, discharge of process wastewater			\$	28,400
	Title V permit fee			\$	-
	Ionizing radiation source registration			\$	-
	Elevator License			\$	720
	City Alarm Fee			\$	15
49-001-601-52502	Fees/Licenses/Permits	\$	-	\$	-
O&M of Coal Pond Di	O&M of Coal Pond Discharge			\$	36,800
United Security	Security Patrol			\$	165,000
49-001-601-52709	Other Operating Charges	\$	-	\$	-
49-001-601-52858	Engineering Consultants			\$	3,000
	Stormwater Monitoring			\$	3,000
	Coal Pond Discharge sampling analysis			\$	2,400
	Contingency			\$	1,000
49-001-601-52901	Environmental Testing	\$	-	\$	-
49-001-601-53304	Electricity			\$	736,000
MDC	Water and Sewer			\$	25,720
	Coal Pond Discharge			\$	449,380
	Gas			\$	49,200
	Other Utilities	\$	-	\$	-
	Subtotal MIRA RRF/South Meadows Operating Expenses	\$	-	\$	-
				\$	1,681,110

## **171 MURPHY ROAD (Collings Bldg)**

	Webcam internet			\$	1,440
	Routine Telecomm			\$	1,200
	Phone lines for elevators - after rewiring			\$	-
35-001-620-52104	Telecommunications	\$	1,421	\$	1,300
BG Mechanical	HVAC maintenance			\$	1,000
Graduate Pest/Accura	Pest control	\$	610	\$	700
	Custodial Cleaning			\$	-
Sontrol	Security/Access Control	\$	1,198	\$	1,500
	Maintenance of security alarm system			\$	-
	Maintenance of fire alarm system			\$	-
	Maintenance of fire control system (sprinklers, extinguishers, etc.)			\$	2,500
	Lighting/Emergency lighting			\$	1,000
	Elevator maintenance and repair			\$	-
	Building signage, lockout-tagout, and other building-specific safety			\$	-
New England	Roof inspection &/or repairs			\$	-
Overhead Door	Door/window repair			\$	500
	Flooring repair			\$	-
	Catch basin cleaning			\$	-
Misc	Other misc	\$	25	\$	4,615
35-001-620-52404	Building Operations	\$	1,833	\$	10,815
	Mowing, trimming, etc.	\$	488		\$
	Snow Removal				\$
	Paving repair & maintenance				\$
	Perimeter Fence Repair				\$
	Perimeter Signage				\$
35-001-620-52415	Grounds Maintenance	\$	488	\$	1,500
	Project Equipment Maintenance			\$	-
	Scale registration with State of CT			\$	-
	Solid Waste Permit Fees			\$	-
	Stormwater Permit Fees			\$	-
	Elevator License			\$	-
	City Alarm Fee			\$	15
35-001-620-53301	Fees/Licenses/Permits			\$	-
	Other Contract Operating Charges			\$	-
	Engineering/Environmental Consultants			\$	-
	Environmental Testing			\$	-
35-001-620-53304	Electricity	\$	3,148	\$	6,500
	Gas	\$	5,219	\$	6,500
MDC	Water	\$	1,937	\$	1,200
35-001-620-53309	Other Utilities	\$	7,156	\$	7,700
	Subtotal 171 Murphy Road Operating Expenses	\$	14,045	\$	27,815
				\$	29,195

# **EXHIBIT B - PROPERTY DIVISION DETAIL**

## **211 MURPHY ROAD**

	Webcam internet		\$	1,440
	Routine Telecomm		\$	2,280
	Phone lines for elevators - after rewiring		\$	-
49-001-506-52104	Telecommunications		\$	3,720
BG Mechanical	HVAC maintenance		\$	10,000
Graduate Pest/Accura	Pest control		\$	2,500
	Custodial Cleaning		\$	-
Sonitrol	Security/Access Control		\$	3,930
	Maintenance of security alarm system		\$	-
Simplex	Maintenance of fire alarm system		\$	2,500
Hartford Sprinkler	Maintenance of fire control system (sprinklers, extinguishers, etc.)		\$	7,500
	Lighting/Emergency lighting		\$	1,000
Kone	Elevator maintenance and repair		\$	-
	Building signage, lockout-tagout, and other building-specific safety		\$	-
New England	Roof inspection &/or repairs		\$	3,000
	Door/window repair		\$	-
	Flooring repair		\$	-
	Catch basin cleaning		\$	-
Misc	Other misc Const/Repair	\$ -	\$	4,000
49-001-506-52404	Building Operations		\$	34,430
	Mowing, trimming, etc.		\$	4,000
	Snow Removal		\$	10,000
	Paving repair & maintenance		\$	-
	Perimeter Fence Repair		\$	1,500
	Perimeter Signage			
49-001-506-52415	Grounds Maintenance		\$	15,500
	Project Equipment Maintenance		\$	-
	Scale registration with State of CT		\$	500
	Solid Waste Permit Fees		\$	3,250
	Stormwater Permit Fees		\$	500
	Elevator License		\$	-
	City Alarm Fee		\$	15
49-001-506-53301	Fees/Licenses/Permits		\$	4,265
	Other Contract Operating Charges		\$	-
	Engineering/Environmental Consultants		\$	-
	Stormwater Monitoring		\$	4,100
	Environmental Testing		\$	4,100
49-001-506-53304	Electricity		\$	18,800
	Gas		\$	7,600
MDC	Water		\$	6,500
49-001-506-53309	Other Utilities		\$	14,100
Subtotal 211 Murphy Road Operating Expenses		\$ -	\$ -	\$ 94,915

## **TRANSFER STATION - ELLINGTON (b)**

	Webcam internet		\$	1,440
	Routine Telecomm		\$	1,200
	Phone lines for elevators - after rewiring		\$	-
49-001-610-52104	Telecommunications	NA	NA	\$ 2,640
	HVAC Maintenance		\$	-
	Pest Control		\$	-
	Custodial/Cleaning		\$	-
Sonitrol	Secure/Access Control		\$	3,930
	Maintenance of security alarm system		\$	-
Simplex Grinnel	Maintenance of fire alarm system		\$	2,000
	Maintenance of fire control system (sprinklers, extinguishers, etc.)		\$	500
	Lighting/Emergency lighting		\$	-
	Elevator maintenance and repair		\$	-
	Building signage, lockout-tagout, and other building-specific safety		\$	-
	Roof inspection &/or repairs		\$	-
	Door/window repair		\$	-
	Flooring repair		\$	-
	Catch basin cleaning (if applicable)		\$	-
	Misc. trade repairs (plumbing, carpentry, electrical, etc.)		\$	-
Any Vendor	Fire Tank inspection, Misc. Repairs, Etc.		\$	-
49-001-610-52404	Building Operations	\$ -	\$ -	\$ 6,430
	Mowing, trimming, etc.		\$	-

# **EXHIBIT B - PROPERTY DIVISION DETAIL**

		Snow plowing	\$	-	
		Roadway/Parking/paving repair or maintenance	\$	-	
		Perimeter Fence Repair	\$	-	
		Grounds signage	\$	-	
49-001-610-52415	Grounds Maintenance		\$	-	\$ -
		Scale calibration/maintenance	\$	-	
		Radiation detection inspection and maint.	\$	-	
		Fire Tank Inspection Test	\$	500	
49-001-610-52407	Project Equipment Maintenance		\$	500	
		Scale registration with State of CT	\$	-	
		Solid Waste Permit Fees	\$	2,500	
		Stormwater Permit Fees	\$	-	
49-001-610-52502	Fees/Licenses/Permits		\$	2,500	
49-001-610-52701	Other Contract Operating Charges		\$	-	
49-001-610-52858	Engineering Consultants		\$	2,500	
	Environmental Testing		\$	-	
49-001-610-53304	Electricity		\$	3,000	
		Water - Private Well -offline	\$	-	
		Gas	\$	-	
	Other Utiliteis		\$	-	
		<b>Subtotal Ellington TS</b>	\$		<b>17,570</b>

## **WATERTOWN TRANSFER STATION**

		Webcam internet	\$	1,440	
		Routine Telecomm	\$	1,440	
		Phone lines for elevators	\$	-	
49-001-613-52104	Telecommunications		\$	2,880	
		HVAC maintenance	\$	-	
		Pest control	\$	-	
		Custodial/cleaning	\$	-	
Sonitrol/ADT		Secure/Access Control	\$	3,930	
		Maintenance of security alarm system	\$	-	
		Maintenance of fire alarm system	\$	2,500	
		Maintenance of fire control system (sprinklers, extinguishers, etc.)	\$	500	
		Lighting/Emergency lighting	\$	1,000	
		Elevator maintenance and repair	\$	-	
		Building signage, lockout-tagout, and other building-specific safety	\$	-	
		Roof inspection &/or repairs	\$	-	
		Door/window repair	\$	-	
Any Vendor		Catch Basin Cleaning	\$	-	
Any Vendor		Misc. Repairs, Etc.	\$	-	
49-001-613-52404	Building Operations		\$	-	\$ -
		Mowing, trimming, etc.	\$	6,500	
Cochiola		Snow plowing	\$	3,525	
		Roadway/Parking/paving repair or maintenance	\$	-	
		Perimeter Fence Repair	\$	1,500	
		Grounds signage	\$	-	
	Grounds Maintenance				
Mettler Toledo		Scale Repair Calibration	\$	8,100	
Atlantic Nuclear		Radiation Detection	\$	-	
Hartford Sprinkler		Fire Tank Inspection Test	\$	500	
49-001-613-52407	Project Equipment Maintenance		\$	-	\$ -
CT DEEP		Solid Waste Permit Annual Fee	\$	800	
CT DEEP		Storm water Permit Registration	\$	500	
CT DEEP		Scale Registration	\$	500	
49-001-613-52502	Fees/Licenses/Permits		\$	-	\$ -
49-001-613-52701	Contract Operating Charges		\$	-	
49-001-613-52858	Engineering/Env Consultants		\$	-	
Analytical Consulting		Storm water inspections & monitoring	\$	1,100	
49-001-613-52901	Environmental Testing		\$	-	\$ -
	Electricity		\$	3,000	
		Water - Private Well -offline	\$	-	
		Gas	\$	-	
	Other Utiliteis		\$	-	\$ -
		<b>Subtotal Watertown TS</b>	\$		<b>36,835</b>

**EXHIBIT B - PROPERTY DIVISION DETAIL****JETS SHUT DOWN EXPENSES (fmr operating expenses)**

35-001-951-52194	Telecommunications	\$	7,981				
35-001-951-52502	Permits, Licences & Fees	\$	4,201				
35-001-951-52612	Fuel	\$	456,932	\$	787,254	\$	-
35-001-951-xxxxx	MIRA Operating Costs	\$	152,371	\$	279,850	\$	-
35-001-951-xxxxx	Operator Operating & Maintenance Costs	\$	865,589	\$	530,707	\$	-
35-0010951-52622	RGGI Carbon Credits	\$	28,200			\$	14,000
	Empty and clean jet fuel tank	NA	NA	NA		\$	63,600
	Title V emissions fee	NA	NA	NA		\$	5,000
	Engineering consultants	NA	NA	NA		\$	10,000
	Power products management fee	NA	NA	NA		\$	21,500
	Engineering consultants	NA	NA	NA		\$	10,000
	Environmental Testing	NA	NA	NA		\$	2,750
35-001-951-xxxxx	Jets shut down Charges					\$	112,830
<b>TOTAL JETS OPERATING/SHUT DOWN EXPENDITURES</b>		<b>\$</b>	<b>1,515,274</b>	<b>\$</b>	<b>1,597,811</b>	<b>\$</b>	<b>126,850</b>

# **EXHIBIT C**



# EXHIBIT C - LANDFILL DIVISION

## REVENUES

ACCOUNT	DESCRIPTION	ACTUAL FY22	ADOPTED FY23	REQUESTED FY24
51-001-000-43101	Electricity Sales to the City of Hartford	\$ 69,885	\$ 66,340	\$ 68,024
51-001-000-43106	ZREC/Energy Payments from Eversource	\$ 122,102	\$ 162,164	\$ 166,280
51-001-000-45150	Settlement - ETL/Tecta		\$ -	\$ -
51-001-000-45150	Settlement - Hartford City Lighting Strike (accrual)		\$ -	\$ -
	Hartford Solar	\$191,986.70	\$228,504.00	\$234,303.51
51-001-000-45101	Shelton TS Lease Agreement	\$ 6,215	\$ 9,000	\$ 9,000
51-001-000-45150	Shelton Landfill - Opting		\$ -	\$ -
51-001-000-45150	Shelton Landfill - Lease Extension		\$ -	\$ -
	Shelton Lease	\$6,215.25	\$9,000.00	\$9,000.00
51-001-000-45150	Wallingford Landfill - Lend Lease		\$ -	\$ -
51-001-000-45150	Wallingford Landfill - NextEra Lease Agree	\$ 45,276	\$ 45,342	\$ 46,476
	Wallingford Solar	\$45,275.97	\$45,342.00	\$46,475.55
51-001-000-46101	Interest Income	\$ 979	\$ -	\$ 82,500
51-001-000-46109	Interest Income - Leases	\$ 32,106		
51-001-000-xxxxx	Interest Income	\$ 33,085	\$ -	\$ 82,500
Total Operating and Non-Operating Revenues		\$ 276,563	\$ 282,846	\$ 372,279

## EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY22	ADOPTED FY23	REQUESTED FY24
51-001-501-57871	Authority Budget Allocation BOD	\$ 88,306	\$ 54,027	\$ 38,679
51-001-501-52104	Telecommunications	\$ -	\$ 650	\$ 600
51-001-501-52115	Advertising - Legal Notices		\$ -	\$ -
51-001-501-52302	Expense Reimbursements from DEEP		\$ -	\$ -
51-001-501-52305	Business Meetings and Travel		\$ -	\$ -
51-001-501-52306	Training		\$ -	\$ -
51-001-501-52355	Mileage Reimbursement	\$ 15	\$ 500	\$ 783
51-001-501-xxxxx	MIRA Operating Expenses	\$ 15	\$ 1,150	\$ 1,383
51-001-501-52856	Legal		\$ 5,000	\$ 5,000

# EXHIBIT C - LANDFILL DIVISION

	Routine Monitoring of AlsoEnergy online dashboard	\$	1,800	\$	1,938
	Annual Routine Inspection	\$	5,200	\$	6,834
	Vegetation control	\$	960	\$	1,425
	Emergency Response - Technician	\$	760	\$	984
	Emergency Response - Licensed Electrician	\$	690	\$	738
	Scheduled, non-routine service - technician	\$	1,140	\$	1,476
	Scheduled, non-routine service - licences electrician	\$	690	\$	738
	Scheduled, non-routine service - laborer	\$	520	\$	1,776
	Materials Allowance (12.5% allowable overhead/profit)	\$	1,125	\$	1,350
51-001-501-52701	Contract Operating Charges	\$	2,121	\$	12,885
					\$ 17,259
	Ellington Landfill	\$	-	\$	6,325
	Shelton Landfill	\$	-	\$	949
	Wallingford Landfill	\$	-	\$	1,687
	Waterbury Landfill	\$	-	\$	633
	Hartford Landfill	\$	-	\$	3,057
51-001-501-52875	Insurance Consulting & Brokerage	\$	3,315	\$	-
					\$ 12,651
51-001-501-52611	ZREC Income Share with City of Hartford	\$	47,983	\$	74,064
					\$ 58,055
	Ellington Landfill	\$	-	\$	9,000
	Shelton Landfill	\$	-	\$	29,000
	Wallingford Landfill	\$	-	\$	16,000
	Waterbury Landfill	\$	-	\$	6,000
	Hartford Landfill	\$	-	\$	60,000.00
	Hartford Landfill Solar Panels	\$	-	\$	-
	Prepaid Insurance	\$	-	\$	-
51-001-501-52640	Insurance Premium	\$	89,548	\$	-
					\$ 120,000
51-001-501-54491	Reserve for Replacement	\$	24,000		
	<b>Total Operating and Non-Operating Expenses</b>	\$	<b>255,288</b>	\$	<b>147,127</b>
					\$ 253,027
	<b>NET OPERAITNG &amp; NON OPERATING INCOME/(LOSS)</b>	\$	<b>21,275</b>	\$	<b>135,720</b>
					\$ 119,252

# TAB 5



**RESOLUTION REGARDING SUBMITTAL OF AN  
ANNUAL PLAN OF OPERATIONS TO THE CONNECTICUT  
DEPARTMENT OF ENERGY AND ENVIRONMENTAL  
PROTECTION**

**RESOLVED:** That the Board of Directors hereby authorizes MIRA management to submit the Annual Plan of Operations for FY2023 to the Connecticut Department of Energy and Environmental Protection, substantially as discussed and presented at this meeting.

# **Materials Innovation and Recycling Authority**

## **Authorization to Submit Annual Plan of Operations to the Connecticut Department of Energy and Environmental Protection Pursuant to CGS 22a-264**

*December 14, 2022*

### **Discussion**

Section 22a-264 of the Connecticut General Statutes (“CGS”) requires that MIRA submit to the Connecticut Department of Energy and Environmental Protection (“DEEP”), on an annual basis, an Annual Plan of Operations. The Annual Plan of Operations is to be reviewed by the Commissioner of DEEP for consistency with the state-wide Solid Waste Management Plan (now referred to as the Comprehensive Materials Management Strategy, “CMMS”). A copy of CGS Section 22a-264 is attached for your convenience.

MIRA Board of Directors Procedure No. 011 governs the internal review process associated with this obligation. The policy requires that the Annual Plan of Operations be forwarded to the Executive Committee of the Board for comment, review and recommendation prior to submission to the full Board of Directors. The full Board of Directors is then to authorize MIRA management to submit the Annual Plan of Operations to DEEP so that it may be reviewed by DEEP for consistency with the CMMS. A copy of CRRA’s Procedure Regarding the Adoption of the Annual Plan of Operation and Budget (Board of Directors Procedure No. 011, effective March 24, 2005), is attached for your convenience.

This is to submit to the MIRA Board of Directors an Annual Plan of Operations for FY2022 for review, and to seek authorization to forward the Annual Plan of Operations to the Commissioner of DEEP so that DEEP may review it for consistency with the CMMS. Upon receiving DEEP concurrence that the Plan is consistent with the CMMS, the Annual Plan of Operations will then be brought back before the full Board of Directors for adoption.

## PROCEDURAL REQUIREMENTS

Author: Peter Egan, Director of Operations and Environmental Affairs

### Committee Requirements:

- Assigned MIRA Executive Committee pursuant to MIRA Board of Directors Procedure No. 011

### Board Requirements:

- Quorum – 6 Directors that include at least two (2) Directors appointed to the Board in their capacity as a Municipal Official (Don Stein, Carl Fortuna, Dave Steuber, and Ed Mone)
- X Item carries with majority of Directors present unless otherwise specified
- Specified as requiring 2/3 of full Board (8 Directors)
  - \_\_\_\_\_ Purchasing and Contracting Rules & Procedures (22a-266(c))
  - \_\_\_\_\_ Contract Over 5 Years or Greater than \$50,000 Annual Consideration(22a-268)
  - \_\_\_\_\_ Proposed Procedure (1-120)
  - \_\_\_\_\_ Special Capability Exception Over \$10,000 (Procurement Policy Section 3.1.2.5)
  - \_\_\_\_\_ Settlement Exception (Procurement Policy Section 3.1.2.7)
  - \_\_\_\_\_ Acquisition or Sale of Real Property (Procurement Policy Section 5.1.3 & 5.2.3)
- Specified as requiring 2/3 of Directors present and eligible (Bylaws Section 504)
  - \_\_\_\_\_ Expenditure of \$50,000 or more for outside consultant
  - \_\_\_\_\_ Entering Executive Session
  - \_\_\_\_\_ Addition of Agenda Item at a regular meeting

Director	Raised	Second	Aye	Nay	Abstain
Chairman Stein					
Vice Chairman Hayden					
Lenard Assard					
Carl Fortuna					
Bert Hunter					
Ed Mone					
Richard Soderman					
Dave Steuber					
Sue Weisselberg					
<b>Ad Hoc Members</b>					
Luke Bronin (CSWS)					



## **MIRA Memorandum**

**To:** Executive Committee of the MIRA Board of Directors

**From:** Thomas D. Kirk, President

**Cc:** Peter Egan, Mark Daley, Laurie Hunt

**Re:** MIRA Annual Plan of Operations for FY 2023

**Date:** November 22, 2022

Section 22a-264 of the Connecticut General Statutes ("CGS") requires that CRRRA submit to the Connecticut Department of Energy and Environmental Protection ("DEEP"), on an annual basis, an Annual Plan of Operations. The Annual Plan of Operations is to be reviewed by the Commissioner of DEEP for consistency with the State Solid Waste Management Plan (now referred to as the Comprehensive Materials Management Strategy). A copy of CGS Section 22a-264 is attached for your convenience.

CRRRA Board of Directors Procedure No. 011 provides that a draft Annual Plan of Operations be forwarded to the Executive Committee of the Board for comment, review and recommendation prior to submission to the full Board of Directors. A copy of MIRA's Procedure Regarding the Adoption of the Annual Plan of Operation and Budget (Board of Directors Procedure No. 011, effective March 24, 2005), is attached for your convenience.

This is to submit to the MIRA Executive Committee a draft Annual Plan of Operations for FY2023 for review and comment prior to its submission to the full Board of Directors. Please review and provide me any comments by December 2, 2022. I would like to present this to the full Board of Directors at its December 2022 meeting.

In accordance with MIRA's policy, the full Board of Directors will then vote to authorize MIRA management to forward the Annual Plan of Operations to the DEEP Commissioner for her review. Upon DEEP's concurrence that MIRA's Plan of Operations is consistent with the Comprehensive Materials Management Strategy, the MIRA Board of Directors will then vote to adopt the Annual Plan of Operations.

Sec. 22a-264. (Formerly Sec. 19-524w). Activities and operations. The activities of the authority in providing or contracting to provide solid waste management services shall be in conformity with applicable statutes and regulations and with the state-wide solid waste management plan as adopted by the Commissioner of Energy and Environmental Protection. The authority shall prepare an annual plan of operations which shall be reviewed by the Commissioner of Energy and Environmental Protection for consistency with the state-wide solid waste management plan. Upon approval by the Commissioner of Energy and Environmental Protection and by a vote of the authority's full board of directors, the annual plan of operations shall be adopted. Any activities of the authority carried out to assist in the development of industry and commerce based upon the availability of recovered resources for recycling and reuse shall be coordinated to the extent practicable with plans and activities of Connecticut Innovations, Incorporated, with due consideration given to the secondary materials and waste management industries operating within the state of Connecticut.

(P.A. 73-459, S. 8, 26; P.A. 74-338, S. 70, 94; P.A. 83-112; P.A. 11-80, S. 1; June 12 Sp. Sess. P.A. 12-1, S. 152; P.A. 14-94, S. 6, 75.)

History: P.A. 74-338 replaced Connecticut development commission with Connecticut development authority; Sec. 19-524w transferred to Sec. 22a-264 in 1983; P.A. 83-112 authorized the commissioner of environmental protection to review the plan of operation, and required commissioner's approval as well as that of authority's board of directors for promulgation of plan; pursuant to P.A. 11-80, "Commissioner of Environmental Protection" and "Department of Environmental Protection" were changed editorially by the Revisors to "Commissioner of Energy and Environmental Protection" and "Department of Energy and Environmental Protection", respectively, effective July 1, 2011; pursuant to June 12 Sp. Sess. P.A. 12-1, "Connecticut Development Authority" was changed editorially by the Revisors to "Connecticut Innovations, Incorporated", effective July 1, 2012; P.A. 14-94 deleted provisions re providing solid waste management services to the state, regions, municipalities and persons, re implementing state resources recovery system, re planning, designing, financing, constructing, managing or operating solid waste facilities and re power of authority to assist in preparation and revision of state solid waste management plan and to revise and update plan, changed requirement for adoption of annual plan of operations from a two-thirds vote to a vote of authority's full board of directors, added reference to waste management industries, replaced references to state solid waste management plan with references to state-wide solid waste management plan, and made technical changes, effective June 6, 2014.



## **PROCEDURE REGARDING THE ADOPTION OF THE ANNUAL PLAN OF OPERATION AND BUDGET**

### **BOARD OF DIRECTORS PROCEDURE NO. 011**

#### **1. POLICY**

It is intent of the Connecticut Resources Recovery Authority ("CRRA") to adopt an annual plan of operations (the "Annual Plan of Operations") and annual budgets for each project and the general fund (the "Annual Budgets") in an orderly and timely manner, while adhering to the Bylaws, contract timelines, bond indentures and incorporating business goals.

#### **2. PROCEDURE**

As authorized by *Conn. Gen. Stat.* Section 22a-268(a), the CRRA Board of Directors shall adopt an Annual Plan of Operations and Annual Budgets prior to the beginning of each fiscal year. The Annual Plan of Operations will adhere to any requirements as defined in *Conn. Gen. Stat.* Section 22a-264.

#### **3. GUIDELINES**

##### **3.1 Development**

CRRA management, under the direction of the President, shall develop draft Annual Plans of Operations which set forth the objectives of the CRRA for the next ensuing fiscal year.

Under the direction of the President, CRRA management shall develop draft Annual Budgets which set forth the financial plans of the CRRA for the next ensuing fiscal year.

### **3.2 Approval Process**

Each draft Annual Plan of Operations shall be forwarded to the CRRA Executive Committee for comment, review and recommendations prior to its submission to the CRRA Board of Directors for review.

The Plan of Operations, if and as amended by the CRRA Executive Committee, shall be forwarded to the CRRA Board of Directors for review.

After reviewing and approving the Plan of Operations, the CRRA Board of Directors will authorize CRRA management to forward the Plan of Operations to the Commissioner of the Department of Environmental Protection for the State of Connecticut ("DEP Commissioner") for approval.

If the DEP Commissioner does not approve the Plan of Operations, the CRRA Executive Committee and CRRA management will consult with the DEP Commissioner until a Plan of Operations is drafted that is satisfactory to all parties.

Upon approval by the DEP Commissioner, the Plan of Operations will be forwarded to the CRRA Board of Directors for adoption in accordance with the CRRA Bylaws, contract terms and bond indentures.

Each draft Annual Budget shall be forwarded to the CRRA Finance Committee for comment, review and recommendations prior to its submission to the CRRA Board of Directors for adoption.

Each Annual Budget, if and as amended by the CRRA Finance Committee, shall be forwarded to the CRRA Board of Directors for adoption in accordance with the CRRA Bylaws, contract terms and bond indentures.

### **3.3 Publication**

Once adopted, each Annual Budget shall be sent by CRRA management to the respective participating member municipalities in a timely manner, as required by contract or bond indenture.

Once adopted, the Annual Plan of Operations shall be forwarded by CRRA management to the DEP Commissioner for approval prior to the commencement of the next ensuing fiscal year.

The adopted and approved Annual Plan of Operations shall also be posted on the CRRA internet.

### **3.4 Modifications**

The CRRA Board of Directors, with a two-thirds vote, may change the total amount of the Annual Budgets during the course of the fiscal year when they deem necessary and if allowable by contract or bond indenture.

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**ORIGINAL**

Approved by: Board of Directors

Effective Date: November 20, 1990

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**REVISION 1**

Prepared by: Robert Constable  
Controller

Approved by: Board of Directors

Effective Date: March 24, 2005





## **Annual Plan of Operations – FY 2023**

### **Materials Innovation and Recycling Authority**

The Materials Innovation and Recycling Authority (“MIRA”) is a quasi-public entity of the State of Connecticut that currently provides solid waste disposal and recycling services to twenty three (23) municipalities in the state. Pursuant to Section 22a-264 of the Connecticut General Statutes MIRA is required to prepare an Annual Plan of Operations and to submit it to the Connecticut Department of Energy and Environmental Protection (“DEEP”) for its review for consistency with the State Solid Waste Management Plan, now referred to as the Comprehensive Materials Management Strategy.

This document is MIRA’s Annual Plan of Operations for Fiscal Year (“FY”) 2023.

This Annual Plan of Operations consists of five sections, as follows:

- Section 1: Board Resolution and FY2023 Budget for MIRA’s Connecticut Solid Waste System Division (CSWS).
- Section 2: Board Resolution and FY2023 Budget for MIRA’s Property Division
- Section 3: Board Resolution and FY2023 Budget for MIRA’s Landfill Division
- Section 4: Board Resolution and FY2023 Authority Budget
- Section 5: Summary of Activity Undertaken During Fiscal Year 2022, and Planned Activity or Fiscal Year 2023.

# Section 1

ATTACHMENT 5

RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF  
DIRECTORS

**REGARDING APPROVING THE FISCAL YEAR 2023 CONNECTICUT SOLID WASTE SYSTEM OPERATING  
AND CAPITAL BUDGET**

**WHEREAS**, at its December 20, 2021 meeting, the Materials Innovation and Recycling Authority (MIRA) Board of Directors adopted a resolution authorizing the President to incorporate final disposal fee values and enter into certain Municipal Service Agreement Amendments (MSA Amendments) with all CSWS Participating Municipalities as described in such resolution; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors adopted a resolution directing management to modify the terms and conditions of such MSA Amendment to provide an interim framework for subsidizing municipal tipping fees for certain CSWS Participating Municipalities affected by the status of award and negotiation of an MSW transportation and disposal contract ("Affected Municipalities") to Murphy Road Recycling and WIN Waste Innovations ("MRR/WIN") as further defined in such resolution, and to extend the deadline by which such MRR/Win contract terms were to be fully negotiated and finalized; and

**WHEREAS**, Such MSA Amendment has been so modified and provided to all CSWS Participating Municipalities establishing a Tier 1 Short-Term Disposal Fee of one hundred sixteen dollars (\$116.00) per ton for Participating Municipalities that execute and return such MSA Amendment subject to its terms and conditions; and

**WHEREAS**, on or before February 28, 2022, MIRA is further contractually obligated to adopt Tier 1 Long Term Disposal Fees for CSWS Participating Municipalities that do not execute and return such MSA Amendment subject to its terms and conditions; and

**WHEREAS**, The Capital Region Council of Governments is in the process of selecting a consultant to undertake a study intended to conclude with a proposed viable long term solution to Connecticut's solid waste crisis (CROG Study); and

**WHEREAS**, Upon further review of its reserve funds, and in recognition and support of the CROG Study and potential identification of a viable long term solution, MIRA is capable and desires to subsidize its Tier 1 Short Term and Tier 1 Long Term disposal fees to a greater extent than heretofore considered; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors resolved to pursue a limited (one boiler / one turbine / one year) operation of the CSWS Waste to Energy Facility during Fiscal Year 2023 (the "Transition Period") in the event that negotiations with MRR/WIN did not conclude

successfully with a planned waste transfer operation to be conducted from 123 / 143 Murphy Road, Hartford CT with the objective of providing the Affected Municipalities additional time to make considered decisions concerning their future waste management service providers and requirements; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors otherwise affirmed its previous resolutions concerning the transition to waste transfer operations at the CSWS Transfer Stations and its authorization to issue notices of award and negotiate the terms and conditions of final agreements with CWPM, Covanta and Enviro Express; and

**WHEREAS**, Undertaking the Transition Period in the event and manner contemplated will require advance completion of additional major maintenance activities within the CSWS Waste to Energy Facility not contemplated at the time the Fiscal Year 2022 CSWS Operating and Capital Budget was adopted; and

**WHEREAS**, Otherwise proceeding with the transition to waste transfer operations at the CSWS Transfer Stations as contemplated will require refurbishment, replacement and acquisition of scale infrastructure and transfer station equipment in advance of the Transition Period not contemplated at the time the Fiscal Year 2022 CSWS Operating and Capital Budget was adopted; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors directed management to present to the Board no later than April 13, 2022 a Program of Operations for MIRA including executive leadership, general management, other staff and third-party services required for the safe and reliable operation of the CSWS Transfer Stations and the Facility providing for such Transition Period ("Program of Operations") which Program of Operations was further defined by resolution adopted this date.

**NOW THEREFORE, be it**

**RESOLVED:** That the Tier 1 Short-Term Disposal Fee as defined in the MSA Amendments and set at one hundred sixteen dollars (\$116.00) per ton for MIRA's Fiscal Year 2023 commencing July 1, 2022 and ending June 30, 2023 is hereby reduced to one hundred four dollars (\$104.00) per ton and the President is authorized to modify such MSA Amendments accordingly for any Participating Municipality desiring such documentation in addition to this resolution.

**FURTHER RESOLVED:** That the Fiscal Year 2023 Materials Innovation and Recycling Authority's Connecticut Solid Waste System Operating and Capital Budget attached hereto as Exhibit A be adopted substantially in the form as presented and discussed at this meeting.

**FURTHER RESOLVED:** That the Tier 1 Long Term Disposal Fee of one hundred nine dollars (\$109.00) per ton reflected in Exhibit A shall be effective July 1, 2022 through June 30, 2023 for CSWS Participating Municipalities that do not execute and return such MSA Amendment subject to its terms and conditions.

**FURTHER RESOLVED:** Management is authorized to establish a project for Additional Waste to Energy Facility Major Maintenance required in advance of the Transition Year in the amount of nine hundred

thousand dollars (\$900,000) to be funded with surplus funds available within the CSWS Major Maintenance Fund.

**FURTHER RESOLVED:** Management is authorized to establish a project for Scale Systems Replacement at the CSWS Transfer Stations required in advance of the Transition Year in the amount of six hundred thousand dollars (\$600,000) to be funded with surplus funds available within the CSWS Major Maintenance Fund.

**FURTHER RESOLVED:** Management is authorized to establish a project for Transfer Station Unrecovered Capital Equipment Purchase required in advance of the Transition Year in the amount of two hundred twenty – five thousand dollars (\$225,000) to be funded with surplus funds available within the Property Division Improvement Fund.

**FURTHER RESOLVED:** In the event that any future approved Program of Operations warrants modification of the Fiscal Year 2023 Materials Innovation and Recycling Authority Connecticut Solid Waste System Operating and Capital Budget adopted hereby, such modification shall be accommodated through corresponding changes to the operating income and relevant use of reserves approved hereby, and / or adopted by this Board this date for MIRA's Landfill Division and Property Division.

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**FISCAL YEAR 2023  
CONNECTICUT SOLID WASTE SYSTEM DIVISION  
ADOPTED OPERATING BUDGET**

**April 13, 2022**

## MIRA - CONNECTICUT SOLID WASTE SYSTEM (CSWS) DIVISION

### REVENUES

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
49-001-000-40101	Service Charges Solid Waste-Participating Town	\$ 37,753,241	\$ 46,557,590	\$ 8,293,500
49-001-000-40110	Service Charges Solid Waste-Hauler Contracts	\$ 2,655,771	\$ 2,929,500	\$ 697,500
49-001-000-xxxxx	Diversion Reimbursement Waste-Hauler Contracts	\$ 44,555	\$ 1,700	\$ -
49-001-000-40109	Service Charges Solid Waste-Other Contracts	\$ 2,733,015	\$ 1,398,813	\$ 600,000
49-001-000-40103	Service Charges Solid Waste - Spot/Ferrous Residue	\$ 726,801	\$ -	\$ -
49-001-000-40111	Member Service Fee	\$ 27,160	\$ 28,000	\$ -
49-001-000-41104	Metal Sales	\$ 1,341,661	\$ 68,500	\$ 5,708
49-001-000-41106	Municipal Bulky Waste & Mattresses/Box Spring	\$ 362,140	\$ 246,000	\$ 20,500
49-001-000-42101	Recycling Facility	\$ 1,324,592	\$ -	\$ -
49-001-000-xxxxx	Electricity	\$ 13,927,765	\$ 13,212,096	\$ 2,852,885
49-001-000-45150	Miscellaneous Income	\$ 835,819	\$ 20,000	\$ 43,400
49-001-000-46101	Interest Income	\$ 6,712	\$ 2,400	\$ 7,000
<b>TOTAL OPERATING REVENUES</b>		<b>\$ 61,739,232</b>	<b>\$ 64,464,599</b>	<b>\$ 12,520,493</b>

### EXPENDITURES

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
49-001-501-57871	Administrative Expenses	\$ 2,283,393	\$ 2,482,915	\$ 1,960,267
49-001-501-xxxxx	Operational Expenses	\$ 4,495,964	\$ 2,813,929	\$ 2,027,605
49-001-xxx-xxxxx	Assessment, Fees, Subsidies, & PILOTs	\$ 2,351,509	\$ 2,365,091	\$ 1,589,701
49-001-505-xxxxx	Waste Transport	\$ 10,232,354	\$ 12,612,312	\$ 7,730,415
49-001-xxx-xxxxx	MIRA Facilities Operating Expenses	\$ 1,376,922	\$ 1,431,265	\$ 112,344
49-001-xxx-xxxxx	NAES Contract Operating Charges	\$ 27,978,546	\$ 33,109,529	\$ 2,403,098
49-001-xxx-52719	NAES On-Site Incentive Compensation	\$ 800,427	\$ 1,035,919	\$ 135,323
49-001-501-xxxxx	NAES Management Fees & Charges	\$ 1,080,782	\$ 1,257,810	\$ 108,333
49-001-xxx-xxxxx	Transfer Stations	\$ 2,087,171	\$ 2,198,077	\$ 2,169,990
49-001-506-xxxxx	Recycling Facility	\$ 2,833,031	\$ 7,132,460	\$ 1,740,273
<b>TOTAL OPERATING EXPENDITURES</b>		<b>\$ 55,520,097</b>	<b>\$ 66,439,308</b>	<b>\$ 19,977,347</b>
<b>NET INCOME / (LOSS)</b>		<b>\$ 6,219,135</b>	<b>\$ (1,974,708)</b>	<b>\$ (7,456,854)</b>

## MIRA - CONNECTICUT SOLID WASTE SYSTEM (CSWS) DIVISION

### EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
<b>ADMINISTRATIVE EXPENSES</b>				
49-001-501-xxxxx	INDIRECT SALARIES/LABOR & BENEFITS	\$ 2,283,393	\$ 2,482,915	\$ 1,960,267
<b>OPERATIONAL EXPENSES</b>				
49-001-501-xxxxx	DIRECT SALARIES/LABOR & BENEFITS	\$ 1,573,104	\$ 1,470,582	\$ 1,419,258
<b>ASSET PROTECTION &amp; STATUTORY COMPLIANCE</b>				
49-001-501-52115	Legal Notices	\$ 2,066	\$ 6,350	\$ 2,400
49-001-501-52502	Fees/Licenses/Permits	\$ 480	\$ 700	\$ 700
49-001-501-52505	Claims/Losses	\$ -	\$ 1,000	\$ -
49-001-501-52602	Bad Debt Expense	\$ 5,385	\$ -	\$ -
49-001-501-52856	Legal	\$ 599,288	\$ 100,000	\$ 100,000
49-001-501-52640	WPF and PBF Insurance Premium	\$ 2,171,583	\$ 1,051,493	\$ 313,100
49-001-501-52875	Insurance Broker	\$ 59,232	\$ 56,504	\$ 41,750
	<b>Subtotal Asset Protection &amp; Statutory Compliance</b>	<b>\$ 2,838,035</b>	<b>\$ 1,216,047</b>	<b>\$ 457,950</b>
<b>ENGINEERING, TECHNOLOGY, AND EQUIPMENT</b>				
49-001-501-52899	Engineering & Technology Consulting Services	\$ 19,174	\$ 50,000	\$ 20,000
49-001-501-54482	Computer Hardware	\$ 242	\$ 8,000	\$ 5,000
49-001-501-54483	Computer Software	\$ -	\$ 100	\$ 500
	<b>Subtotal Engineering, Technology, and Equipment</b>	<b>\$ 19,416</b>	<b>\$ 58,100</b>	<b>\$ 25,500</b>
<b>OTHER OPERATING EXPENSES</b>				
49-001-501-52101	Postage & Delivery Fees	\$ 1,597	\$ 2,300	\$ 1,600
49-001-501-52108	Printing Services	\$ 4,773	\$ 10,000	\$ 5,000
49-001-501-52202	Office Supplies	\$ 2,097	\$ 1,800	\$ 2,200
49-001-501-52211	Protect Clothing/Safety Equipment	\$ 459	\$ 3,000	\$ 2,500
49-001-501-52302	Miscellaneous Services	\$ 60	\$ 100	\$ 200
49-001-501-xxxxx	Meetings & Training	\$ 2,831	\$ 3,000	\$ 3,000
49-001-501-52401	Vehicle Repair/Maintenance	\$ 12,447	\$ 19,000	\$ 15,000
49-001-501-52612	Fuel for Vehicles	\$ 8,224	\$ 10,000	\$ 10,000
49-001-501-52615	Temporary Agency Services	\$ 32,921	\$ 5,000	\$ 5,000
49-001-501-52859	Financial Services	\$ -	\$ 15,000	\$ 5,000
49-001-501-58001	Operational Contingency (MIRA Transfer Station O&M)	\$ -	\$ -	\$ 75,397
	<b>Subtotal Other Operating Expenses</b>	<b>\$ 65,409</b>	<b>\$ 69,200</b>	<b>\$ 124,897</b>
	<b>TOTAL OPERATIONAL EXPENSES</b>	<b>\$ 4,495,964</b>	<b>\$ 2,813,929</b>	<b>\$ 2,027,605</b>



## MIRA - CONNECTICUT SOLID WASTE SYSTEM (CSWS) DIVISION

### EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
49-001-602-52502	Fees/Licenses/Permits	\$ 386,826	\$ 403,300	\$ 29,952
49-001-602-52720	Power Products Management Fee	\$ 129,000	\$ 129,000	\$ 2,688
49-001-602-52858	Engineering Consultants	\$ 6,367	\$ 22,200	\$ 1,667
49-001-602-52901	Environmental Testing	\$ 53,572	\$ 59,700	\$ 4,892
49-001-602-53304	Electricity	\$ 361,407	\$ 275,000	\$ 33,333
49-001-602-53309	Other Utilities	\$ 253,187	\$ 422,000	\$ 25,000
<b>Subtotal MIRA PBF Operating Expenses</b>		<b>\$ 1,190,358</b>	<b>\$ 1,311,200</b>	<b>\$ 97,531</b>
<b>TOTAL MIRA FACILITIES OPERATING EXPENSES</b>		<b>\$ 1,376,922</b>	<b>\$ 1,431,265</b>	<b>\$ 112,344</b>
<b><u>NAES CONTRACT OPERATING CHARGES</u></b>				
49-001-601-52701	WPF Operating & Maintenance (O&M) Fees	\$ 3,718,946	\$ 4,523,580	\$ 298,965
49-001-601-52718	WPF Labor & Overhead	\$ 5,773,481	\$ 6,943,180	\$ 519,210
49-001-601-xxxxx	GL for Labor & Overhead	\$ -	\$ 63,679	\$ 4,827
<b>Subtotal NAES WPF Contract Operating Charges</b>		<b>\$ 9,492,427</b>	<b>\$ 11,530,439</b>	<b>\$ 823,001</b>
49-001-602-52701	PBF Operating & Maintenance (O&M) Fees	\$ 11,250,905	\$ 12,891,683	\$ 925,589
49-001-602-52718	PBF Labor & Overhead	\$ 7,235,213	\$ 8,606,805	\$ 648,461
49-001-602-xxxxx	GL for Labor & Overhead	\$ -	\$ 80,602	\$ 6,048
<b>Subtotal NAES PBF Contract Operating Charges</b>		<b>\$ 18,486,118</b>	<b>\$ 21,579,090</b>	<b>\$ 1,580,097</b>
<b>TOTAL NAES CONTRACT OPERATING CHARGES</b>		<b>\$ 27,978,546</b>	<b>\$ 33,109,529</b>	<b>\$ 2,403,098</b>
<b><u>NAES ON-SITE INCENTIVE COMPENSATION</u></b>				
49-001-601-52719	WPF On-Site Personnel Incentive Compensation	\$ 346,875	\$ 449,822	\$ 59,132
49-001-602-52719	PBF On-Site Personnel Incentive Compensation	\$ 453,552	\$ 586,097	\$ 76,191
<b>Subtotal NAES On-Site Incentive Compensation</b>		<b>\$ 800,427</b>	<b>\$ 1,035,919</b>	<b>\$ 135,323</b>
<b><u>NAES MANAGEMENT FEES &amp; CHARGES</u></b>				
49-001-501-52703	Management Fee	\$ 863,776	\$ 888,320	\$ 75,877
49-001-501-52717	Engineering, accounting, and regulation expenses	\$ 217,005	\$ 369,490	\$ 32,456
<b>Subtotal NAES Management Fees &amp; Charges</b>		<b>\$ 1,080,782</b>	<b>\$ 1,257,810</b>	<b>\$ 108,333</b>

## MIRA - CONNECTICUT SOLID WASTE SYSTEM (CSWS) DIVISION

### RECYCLING FACILITY REVENUE & EXPENDITURE DETAILS

#### REVENUES

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
<b><u>Deliveries</u></b>				
	Non-Participating Tons to Transfer Stations	\$ 141,824	\$ -	\$ -
	Non-Participating Tons to Hartford	\$ 170,986	\$ -	\$ -
	Participating Tons to Hartford	\$ -	\$ -	\$ -
	<b>Subtotal Deliveries</b>	<b>\$ 312,810</b>	<b>\$ -</b>	<b>\$ -</b>
<b><u>Contract</u></b>				
	<b>Subtotal Contract</b>	<b>\$ 1,011,782</b>	<b>\$ -</b>	<b>\$ -</b>
<b>49-001-000-42101</b>	<b>TOTAL REVENUES</b>	<b>\$ 1,324,592</b>	<b>\$ -</b>	<b>\$ -</b>
<b><u>CONTRACT OPERATING CHARGES</u></b>				
49-001-506-52703	Management Fee	100,000	\$ 600,000	\$ 618,000
49-001-506-52701	Contract Operating Charges	1,741,943	\$ 5,663,833	\$ 601,817
	<b>Subtotal Contract Operating Charges</b>	<b>\$ 1,841,943</b>	<b>\$ 6,263,833</b>	<b>\$ 1,219,817</b>
<b><u>MIRA RECYCLING OPERATING EXPENSES</u></b>				
49-001-506-52404	Building Operations	\$ 50,365	\$ 84,000	\$ 88,350
49-001-506-52407	Project Equipment Maintenance	\$ 14,510	\$ 27,500	\$ 24,750
49-001-506-52415	Grounds Maintenance	\$ 24,782	\$ 33,000	\$ 30,700
49-001-506-52502	Fees/Licenses/Permits	\$ 3,875	\$ 4,250	\$ 3,750
49-001-506-52707	Transportation Expense	\$ 808,019	\$ 662,177	\$ 314,006
49-001-506-52858	Engineering Consultants	\$ 45,054	\$ 7,100	\$ 7,800
49-001-506-52901	Environmental Testing	\$ 5,091	\$ 4,100	\$ 4,100
49-001-506-53304	Electricity	\$ 23,128	\$ 30,000	\$ 30,000
49-001-506-53309	Other Utilities	\$ 16,264	\$ 16,500	\$ 17,000
	<b>Subtotal MIRA Recycling Operating Expenses</b>	<b>\$ 991,088</b>	<b>\$ 868,627</b>	<b>\$ 520,456</b>
	<b>TOTAL EXPENDITURES</b>	<b>\$ 2,833,031</b>	<b>\$ 7,132,460</b>	<b>\$ 1,740,273</b>

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## FINAL BUDGET - UPDATED PROGRAM ESTIMATE



- ▶ Budget Material:
  - ▶ Planning Level Assumptions
  - ▶ Summary Draft Budget
  - ▶ Participating Town Fees
  - ▶ Operating Expense Budget
  - ▶ Improvements & Major Maintenance Budget
  - ▶ Reserve Contributions
  - ▶ Non Disposal Fee Revenue
  - ▶ WTE Facility Key Drivers

# Planning Level Budget Assumptions

2

- Adopted Budget:

- One Boiler / One Turbine / One Year Operation for FY 2023

- 251,230 tons to be combusted including:

- 154,483 tons of Hartford MSA

- 38,006 tons of Essex MSA

- 58,750 tons of Non Participating

- Torrington transported to PA landfill – 51,919 tons

- Watertown transported to PA landfill – 38,568 tons

- Cost of Operation -

\$62,622,490

- Less: Non Disposal Fee Revenue -

\$17,413,316

- Add: Cost of Service Discount -

\$559,936

- Less: Deficit Funding -

\$12,377,943

- Participating Municipality "Aggregate Tons" -

282,976

- Uniform Base Disposal Fee -

\$118.00

- \$2.00 Tier 1 Long Term Discount -

\$116.00

- MSA Amended Tier 1 Short Term Discount -

\$111.00

"FURTHER RESOLVED: In the event that any future approved Program of Operations warrants modification of the Fiscal Year 2023 Materials Innovation and Recycling Authority Connecticut Solid Waste System Operating and Capital Budget adopted hereby, such modification shall be accommodated through corresponding changes to the operating income and relevant use of reserves approved hereby, and / or adopted by this Board this date for MIRA's Landfill Division and Property Division."



# Updated Program Budget Assumptions

3

- Overview:

- Significant savings are produced by a recommended one month operation of the WTE facility (rather than one year) enabled by substantially diminished deliveries primarily to Hartford.
- Additional expense to operate Jets without the WTE reduces income available for Tip Fee Stabilization.
- The following budget revisions reflect these changes and expected deliveries, transportation and disposal costs based on final “Amend”, “Opt Out” and “Status Quo” decisions by Participating Municipalities.
- Conservative estimate is that the use of reserves needed in FY 2023 may be reduced by at least \$1.3 million while also providing significant contingency funds to complete current transition.
- Additional contributions to Tier 1 Short Term Municipal Reserve may be possible as FY 2022 winds down and updated Program of Operations is finalized and implemented.
- Additional contributions to Tier 1 Short Term Municipal Reserve may be warranted as Tier 1 Short Term Tip Fee Forecast is updated.

# Updated Program Budget Assumptions

4

- Updated Deliveries:

- 21,125 tons to be combusted in 1 Boiler / 1 Turbine operation for July 2022 Only
  - ✖ 792 tons of Hartford MSA
  - ✖ 3,208 tons of Essex MSA
  - ✖ 2,125 tons of Torrington MSA
  - ✖ 15,000 tons of Non Participating
- 11 months Hartford MSW transported to PA landfill – 8,708 tons
- 11 months Torrington MSW transported to PA landfill – 23,375 tons
- 11 months Essex MSW transported to Preston – 35,292 tons

- Updated Rate Development:

- Cost of Operation - \$23,542,347
- Less: Non Disposal Fee Revenue - \$4,226,993
- Add: Cost of Service Discount - \$54,000
- Less: Deficit Funding for Base Disposal Fee- \$10,696,354
- Participating Municipality “Aggregate Tons” – 73,500
- Uniform Base Disposal Fee - \$118.00
- \$2.00 Tier 1 Long Term Discount (27,000 tons) - \$116.00
- Additional Tier 1 Short Term Discount - \$325,500
- MSA Amended Tier 1 Short Term Discount (46,500 tons) - \$111.00



# Hartford WTE Facility Status

5

- Inadequate deliveries for Waste To Energy (“WTE”) operations
- Operate WTE in July only
- Cooperatively redirect Durham / Middlefield to Essex
- Cooperatively redirect Granby & East Granby to Torrington
- If successful, do not conduct transfer activity at WTE
- If unsuccessful, commence interim transfer operations August 1, 2022
- Transfer and use Watertown O&M budget for Hartford
- Commence decommissioning to extent compatible with any interim transfer operations
- Secure facility

# Hartford Recycling Facility Status

6

- Inadequate deliveries to justify continued operation
- Seek direct delivery to MRR facility in Berlin
- Seek to renegotiate management fee
- Alternatively rebid, declare operations not viable and terminate
- Potential changes primarily effective July 1, 2023 due to notice requirements
- Secure facility



# Torrington Transfer Station Status

7

- Deliver to Hartford in July only
- Approximately 23,500 tons annual MSW after Middlebury redirected from Watertown
- Approximately 30,000 tons annual MSW with Granby / East Granby redirected from Hartford
- Complete and commence agreement with Enviro Express
- Undertake interim transfer operation if necessary while Enviro Express ramps up

# Watertown Transfer Station Status

8

- Inadequate deliveries to justify continued operation
- Redirect Middlebury to Torrington and close facility
- Complete scale project to ready facility for future use (if necessary)
- Potentially enter standby contract with Enviro Express for future operation (if necessary)
- Secure facility



# Essex Transfer Station Status

9

- Approximately 38,000 tons MSW after Durham / Middlefield redirected from Hartford
- Within reasonable range of Covanta / CWPM contract expectations
- Deliver to Hartford in July only
- Commence T&D to Preston August 1, 2022 as planned

# Administrative

10

- No changes to adopted Authority Budget reflected at this stage
- Adopted Authority Budget reflects:
  - Vacancies existing at budget adoption remain unfilled
  - Initially funds 26 permanent and temporary positions
  - Reallocations to Property Division for decommissioning not reflected
  - Overall 21.1% reduction in Personal Services
  - Budget savings may materialize as updated Program of Operations is finalized
  - Additional funds potentially become available for Tier 1 Short Term Municipal Reserve with these changes also



# Summary Updated Program FY 2023 Budget

11

• Total Operating Revenues -	\$12,520,493
• Total Operating Expenses -	<u>\$19,977,347</u>
• Loss Before Reserve Contributions -	\$ 7,456,854
• Updated Reserve (Use) / Contribution:	
○ Transition Contingency (CSWS Major Maintenance Fund) -	\$ 3,565,000
○ Base Disposal Fee Deficit Funding:	
○ Use of CSWS Operating Fund -	(\$ 4,710,854)
○ Use of Current Tip Fee Stabilization Fund Balance -	(\$ 2,500,000)
○ FY 2023 Property Division Transfer to Tip Fee Stabilization Fund -	<u>(\$ 3,485,500)</u>
○ Sub-Total	(\$10,696,354)
○ Additional Tier 1 Short Term Discount:	
○ FY 2023 Property Division Transfer to Tip Fee Stabilization Fund -	<u>(\$ 325,500)</u>
○ Total Deficit Funding -	(\$11,021,854)

# FY 2023 Participating Town Fees

12

• Cost of Operation -	\$23,542,347
○ Operating Expense Budget - \$19,977,347	
○ Transition Contingency Reserve Contribution - \$3,565,000 (to Major Maintenance Reserve)	
○ Total Cost of Operation \$23,542,347	
• Non Disposal Fee Revenue -	\$ 4,226,993
• Net Cost of Operation -	\$19,315,354
• Add: Cost of Service Discounts -	\$ 54,000
○ Tier 1 Long – 27,000 Tons @ \$2.00 / Ton	
• Deduct: Deficit Funding -	\$ (10,696,354)
○ Use of FY 2023 Property Division Income \$3,485,500	
○ Use of Current Tip Fee Stabilization Balance \$2,500,000	
○ Use of CSWS Operating Account \$4,710,854	
• Note: Equivalent Subsidy of Uniform Base Disposal Fee -	\$ (145.53 / ton)
○ <u>Substantially related to transition contingency</u>	

MIRA "shall set the Base Disposal Fee such that the product of the Base Disposal Fee and the Aggregate Tons, shall produce funds estimated as sufficient to pay the estimated Net Cost of Operation"



# FY 2023 Participating Town Fees

13

• Total Rate Base -	\$8,673,000
○ Net Cost of Operation + Cost of Service Discounts - Deficit Funding	
• Aggregate Tons -	73,500
○ Service Discounted (Tier 1 Long) -	27,000
○ Tier 1 Short Term -	<u>46,500</u>
○ Total -	73,500
• Uniform Base Disposal Fee -	\$118.00 / Ton
• Less Tier 1 Long Term Service Discount -	\$2.00 / Ton
• Tier 1 Long Term Disposal Fee -	\$116.00 / Ton
• Additional Tier 1 Short Term Discount - (46,500 * \$5.00 = \$325,500)	\$5.00 / Ton
• Tier 1 Short Term Disposal Fee -	\$111.00 / Ton
• Total Member Disposal Fees -	\$8,293,500
○ Tier 1 Long Term - \$3,132,000	
○ Tier 1 Short Term - \$5,161,500	

# FY 2023 Operating Expense Budget

14

## • Transfer Stations -

• Ellington -	\$ 16,200
• Essex -	\$ 780,000
• Torrington -	\$ 668,600
• Watertown -	\$ 0
• Hartford / Interim -	\$ 709,200 (Applied Watertown Fee)
• Total -	\$2,174,000

\$2,174,000

## • Waste Transportation -

• MSW T&D From Essex -	\$ 3,976,408
• MSW T&D From Torrington -	\$ 2,244,890
• MSW T&D From Hartford -	\$ 1,001,458
• MSW From Watertown -	\$ 0
• MSW From RRDD#1 -	\$ 0
• MSW From Ellington -	\$ 43,000
• Metals from RRF -	\$ 34,815
• Solid Waste Bypass -	\$ 9,320
• Ash Disposal -	\$ 381,824
• Non-Processible -	\$ 38,700
• Total -	\$ 7,730,415

\$7,730,415

## • One Month Trash to Energy Facility -

• NAES WPF Processing -	\$ 882,133
• NAES Power Block -	\$ 1,656,288
• NAES Facility Contractor -	\$ 108,333
• MIRA Facility Operating-	\$ 108,333
• Total -	\$2,755,088

\$2,755,088



# FY 2023 Operating Expense Budget

15

- **Recycling Facility -**

○ Contract Operator Charges -	\$1,219,817
○ Transport From Essex -	\$ 173,250
○ Transport From Torrington -	\$ 140,756
○ Transport From Watertown -	\$ 0
○ Transport Residue to WPF -	\$ 0
○ MIRA Direct O&M Expenses -	\$ 206,450
○ Recycling Rebate -	\$ 0
○ Total	\$1,740,273

\$1,740,273

- **Indirect Expense -**

○ Authority Budget Allocation-	\$1,960,267
○ MIRA Direct Personnel-	\$1,419,258
○ MIRA Direct Non Personnel -	\$ 608,345
○ Assessment, Fees and Taxes -	\$1,589,701
○ Murphy Road Ops Center -	\$ 0
○ Total	\$5,577,571

\$5,577,571

- **Total Operating Expense Budget -**

\$19,977,347

# FY 2023 Transition Contingency

16

- Original total FY 2023 contributions to Major Maintenance for FY 2023 are \$3,565,000
- Potential use of contingency subject to Board approval:
  - Waste to Energy Facility shut down expense
  - Secure Waste Processing Facility and Power Block Facility as needed for limited operations:
    - Control Room operations for Jets through May 31, 2023
    - Small scale waste transfer activity at WPF
  - Additional funding of transfer station and scale systems refurbishment:
    - Facility refurbishment
    - Replacement of load out scales
    - Replacement of hardware and software
    - Enhancement of automation (unattended capabilities)
  - Secure 211 Murphy Road
    - If successful in direct delivering to Berlin
  - Secure Watertown Transfer Station
    - Complete refurbishment work
    - Secure facility
    - Execute standby contract
  - Cooperative redirection of deliveries
  - Transfer to Tier 1 Short Term Municipal Reserve



# FY 2023 Reserve Contributions

17

• Operating Loss Before Reserve Contributions -			\$ 7,456,854
• CSWS General Fund Retained:			\$ 0
▪ CSWS Improvement Fund -	\$ 0		
▪ CSWS Transition Contingency - (Major Maintenance Fund)	\$ 3,565,000		
▪ CSWS Risk Fund - There is presently in \$897,752 in this fund . Increase from FY 2022 reflects interest earnings.	\$ 0		
▪ CSWS Legal Fund - There is presently \$556,715 in this fund . Reduction reflects spending on NAES Further use of reserve anticipated	\$ 0		
▪ MIRA Severance Fund - There is presently in excess of \$2,542,984 in this fund. This is viewed as sufficient relative to total exposure. No CSWS contributions to this fund are currently recommended.	\$ 0		
▪ CSWS Tip Fee Stabilization Fund - Including use of Property Division income, Existing Tip Fee Stabilization funds and CSWS operating account for Tier 1 Long Term And Tier 1 Short Term	\$ (11,021,854)		

# FY 2023 Non Disposal Fee Revenue

18

○ Energy Sales -		\$2,852,885
✱ Capacity Payments -	\$ 53,125	
✱ Class II RECs -	\$ 2,077,500	
✱ Real Time Market -	\$ 722,260	
✱ Total -	\$ 2,852,885	
○ Other Recovered Products -		\$ 26,208
✱ Municipal Bulky & Mattresses -	\$ 20,500	
✱ Metal Sales -	\$ 5,708	
✱ Total Other Recovered Products-	\$ 26,208	
○ Non Participating Town Waste -		\$1,297,500
✱ Hauler (7,500 @ \$93) -	\$ 697,500	
✱ Other Contract (7,500 @ \$80)-	\$ 600,000	
✱ Spot MSW-	\$ 0	
✱ Total -	\$1,297,500	
○ Other (Interest / Service Fees)		\$ 50,400
○ Total Non Disposal Fee Revenue -		\$4,226,993



# FY 2023 Waste to Energy Key Drivers

19

• Total MSW Deliveries -	88,500
○ "Aggregate Tons" -	73,500
○ Hauler Contract -	7,500
○ Other Contract -	7,500
○ Spot MSW -	0
○ Municipal Bulky -	0
○ Total -	
• MSW to be Combusted (1 month) -	21,125
• Total MSW to RDF Production Rate -	98.4%
• Total RDF -	20,787
• RDF to KWH Production Rate -	534.55 kwh / ton
• Energy Production -	11,111,690.85 kwh
• Contract / Non Contract Energy Price -	\$ .065 / kwh
• RDF to Ash Production Rate -	26.11%
• Ash to Disposal -	5,427.5 tons
• Ash Disposal Cost Per Ton -	\$70.35

## **Section 2**

**Materials Innovation and Recycling Authority**  
**FY 2023 Property Division Operating Budget**  
**Modified Pursuant To:**

- 5/11/22 Resolution Regarding Fiscal Year 2023 Csws Deficit Funding Under Modified Program Of Operations
- 8/10/22 Resolution Regarding Increasing The Budget For Jet Fuel For The South Meadows Jet Turbine Facility

<b>REVENUES</b>	<b>YTD</b>
<b>Jets Electric Revenue</b>	
Capacity Payments	\$ 6,207,007
VARs Payments	\$ 24,200
Reserve Credits	\$ 415,620
Real Time Energy	\$ 938,054
<b>Total Jets Electric</b>	<b>\$ 7,584,881</b>
<b>Lease Income</b>	
CSWS Murphy Road	\$ -
Golf Center	\$ 16,640
Wheelabrator Lease	\$ 456,949
Jets Billboard	\$ 45,000
<b>Total Lease Income</b>	<b>\$ 518,589</b>
Interest Income	\$ 10,000
<b>TOTAL ACCRUED REVENUES</b>	<b>\$ 8,113,470</b>
<b>OPERATING EXPENSES</b>	
MIRA Non-Personnel Services	\$ 41,300
MIRA Allocated Costs	\$ 637,736
Railroad Maintenance	\$ 11,025
211 Murphy Road Ops. Center	\$ -
1410 Honey Spot Road	\$ -
171 Murphy Road	\$ 27,815
Education & Trash Museum	\$ -
South Central Facility Operating Charges	\$ -
Jets Operating Charges	\$ 1,597,811
Operating Contingency	\$ 1,986,783
<b>TOTAL ACCRUED EXPENDITURES</b>	<b>\$ 4,302,470</b>
Cash Flow Adjustment	\$ -
<b>Total Operating Expense Budget</b>	<b>\$ 4,302,470</b>
<b>INCOME BEFORE RESERVES</b>	<b>\$ 3,811,000</b>
Distribution of Property Division Income	
General Fund	\$ -
MIRA Severance	\$ -
Jets major Maintenance	\$ -
PD Improvement Fund	\$ -
<b>CASH FLOW BALANCE (To Tip Fee Stabilization)</b>	<b>\$ 3,811,000</b>

**RESOLUTION REGARDING INCREASING THE BUDGET FOR JET  
FUEL FOR THE SOUTH MEADOWS JET TURBINE FACILITY**

**RESOLVED:** That the Board of Directors Authorizes a \$520,000 increase to the Fiscal Year 2023 Property Division Operating Revenue Budget for Real Time Electric Generation from the Jets substantially as presented and discussed at this meeting.

**FURTHER RESOLVED:** That the Board of Directors Authorizes a \$520,000 increase to the Fiscal Year 2023 Property Division Operating Expense Budget for Fuel for Twin Packs substantially as presented and discussed at this meeting.



**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: August 10, 2022

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

Effective Date: Upon Issuance of Purchase Order

Contract Type/Subject Matter: 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 \$1,219,000. (\$267,254 previously  
approved in the FY2023 Property Division Budget,  
plus \$520,000 in additional funds generated from  
Real Time Electric Generation on July 20, 23 and 24,  
plus \$431,746 use of Property Division Operational  
Contingency.

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 FY2023, 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 for a specific volume of fuel, which firm price is  
a function of the CT DAS contract.

## **Materials Innovation and Recycling Authority Property Division**

### **Increase in Budget for Ultra-Low Sulfur No. 1 Diesel Fuel to support Operation of the South Meadows Jet Turbine Facility**

*August 10, 2022*

#### **Executive Summary**

This is to request that the Board of Directors authorize \$520,000 in additional funds for 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 operation of the facility. The President will be authorized to purchase up to \$1,219,000 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 ("ISONE") System as "peaking capacity" and typically are called to run only approximately 15 hours per year. As generation assets in the ISONE capacity and reserve markets, MIRA is obligated to maintain the units as operable, with adequate fuel supply, or risk severe ISONE monetary penalties.

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.

MIRA purchases the fuel pursuant to a CT Department of Administrative Services (DAS) contract from one of three vendors previously authorized by the Board of Directors (Dime Oil Company, LLC, East River Energy, Inc., and Santa Buckley Energy, LLC), depending on availability and pricing.

On July 20, 2022, ISONE dispatched two of MIRA's Twin Pacs, consuming approximately 27,000 gallons of fuel. On July 21, 2022, with high temperatures forecast through the weekend, MIRA management decided it would be prudent to purchase 75,000 gallons of additional Jet Fuel as an emergency procurement to ensure the Jets would have adequate fuel to operate if dispatched by ISONE. Subsequently, on July 23, July 24, and July 28, multiple Twin Pacs were dispatched by ISONE, consuming approximately another 60,000 gallons of Jet fuel.

The Jets generate revenue when they are dispatched by ISONE from real time energy payments and Net Commitment Period Compensation ("NCPC") payments made by ISONE. NCPC payments are

designed to make generators whole for operational expenses, the largest of which is the cost of fuel consumed during operation.

The Authority has purchased \$1,042,116.31 in Jet Fuel in fiscal year 2023 pursuant current and prior authorizations relative to an original adopted budget for Jet Fuel of \$267,254 leaving a deficit of \$774,862.31. Part of this deficit (\$431,746) has previously been funded through use of the Property Division Operational Contingency leaving an unfunded deficit of \$342,116.31. The addition of \$520,000 to the Jet Fuel budget as authorized herein will leave a surplus in the Jet Fuel budget of \$176,883.69 and 160,000 gallons of burnable jet fuel in inventory.

#### Financial Summary

MIRA has received payments from ISONE associated with the Jets dispatches on July 20, 23, and 24 of approximately \$520,000 in real time electricity sales and NCPC payments. These funds will be directed to the Jet Fuel Budget to increase the FY2023 Jet Fuel Budget line item within the Property Division Budget from \$267,254 to \$787,254. The Authority has previously dedicated \$431,746 in Property Division Operational Contingency to the purchase of Jet Fuel bringing the total contract value to \$1,219,000.

RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF DIRECTORS

**REGARDING FISCAL YEAR 2023 CSWS DEFICIT FUNDING UNDER MODIFIED PROGRAM OF OPERATIONS**

**WHEREAS**, at its February 23, 2022 meeting, the MIRA Board of Directors adopted the fiscal year 2023 CSWS Operating and Capital Budgets establishing a Tier 1 Short Term disposal fee of \$111 per ton, a Tier 1 Long Term disposal fee of \$116 per ton, and authorizing the use of income and reserves totaling twelve million, three hundred seventy seven thousand, nine hundred forty three dollars (\$12,377,943) to fund the anticipated CSWS deficit for fiscal year 2023; and

**WHEREAS**, such adopted budgets were based on assumptions concerning the CSWS Cost of Operation, Non Disposal Fee Revenue and Aggregate Tons of waste delivered by Participating Municipalities which presumed a limited one boiler, one turbine, one year operation of the Waste to Energy Facility; and

**WHEREAS**, subsequent to the adoption of such budgets, twenty three Tier 1 Long Term CSWS Participating Municipalities representing approximately two hundred ninety eight thousand twenty two (298,022) tons municipal solid waste deliveries opted out of the Municipal Service Agreement which is inconsistent with the adopted budget assumptions and waste delivery requirements for the planned fiscal year 2023 limited operation of the Waste to Energy Facility; and

**WHEREAS**, such Participating Municipality opt outs necessitate implementation of a modified Program of Operations, and consequently a modified CSWS deficit funding requirement for fiscal year 2023, both substantially in the form discussed and presented at this meeting; and

**WHEREAS**, the resolution adopting the fiscal year 2023 CSWS operating and capital budgets provided that "In the event that any future approved Program of Operations warrants modification of the Fiscal Year 2023 Materials Innovation and Recycling Authority Connecticut Solid Waste System Operating and Capital Budget adopted hereby, such modification shall be accommodated through corresponding changes to the operating income and relevant use of reserves approved hereby, and / or adopted by this Board this date for MIRA's Landfill Division and Property Division."

**NOW THEREFORE, be it**

**RESOLVED:** the anticipated CSWS deficit for fiscal year 2023 is hereby reduced by \$1,356,089 to a total of \$11,021,854 which shall be funded as follows:

<u>Source</u>	<u>Original Adopted</u>	<u>As Modified</u>
• Use of FY 2023 Property Division Income -	\$ 5,650,000	\$3,811,000
• Use of Current Tip Fee Stabilization Balance -	\$ 1,070,157	\$2,500,000
• Use of CSWS Operating Account-	<u>\$ 5,657,786</u>	<u>\$4,710,854</u>
• Total Deficit Funding -	\$12,377,943	\$11,021,854

**FURTHER RESOLVED:** that Management shall administratively implement modifications to the fiscal year 2023 Property Division and Connecticut Solid Waste Operating and Capital Budgets necessary to reflect

such modified Program of Operations including i) properly funding Jets contract operating expenses within the Property Division to sustain operations in the absence of Waste to Energy Facility operations, ii) defunding Waste to Energy Facility contract operating expenses to reflect suspension of such operations no later than July 31, 2022, iii) modifying transfer station, transportation and disposal contractor and contingency expenses to reflect suspension of Waste to Energy Facility operations and iv) such changes as necessary to reflect anticipated deliveries of municipal solid waste and single stream recycling.

**FURTHER RESOLVED:** that Management shall incorporate such administrative budget modifications into the fiscal year 2023 monthly budget spreads presented to the MIRA Finance Committee on May 4, 2022.

ATTACHMENT 4

RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF  
DIRECTORS

**REGARDING APPROVING THE FISCAL YEAR 2023 PROPERTY DIVISION OPERATING BUDGET**

**WHEREAS**, The Materials Innovation and Recycling Authority (MIRA) is contractually obligated to adopt Disposal Fees for its Connecticut Solid Waste System (CSWS) Participating Municipalities on or before February 28, 2022, which fees will apply during MIRA's Fiscal Year 2023 which begins July 1, 2022 and ends June 30, 2023; and

**WHEREAS**, such Disposal Fees are to reflect the net cost of operation of the CSWS as defined in the Municipal Service Agreements between CSWS Participating Municipalities and MIRA; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors resolved to pursue a limited (one boiler / one turbine / one year) operation of the CSWS Waste to Energy Facility (the "Facility") during Fiscal Year 2023 (the "Transition Period") in the event that negotiations with Murphy Road Recycling and WIN Waste Innovations did not conclude successfully with a planned waste transfer operation to be conducted from 123 / 143 Murphy Road, Hartford CT; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors directed management to present to the Board no later than April 13, 2022 a Program of Operations for MIRA including executive leadership, general management, other staff and third-party services required for the safe and reliable operation of the CSWS Transfer Stations and the Facility providing for such Transition Period ("Program of Operations") which Program of Operations was further defined by resolution adopted this date;

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors otherwise affirmed its previous resolutions concerning the transition to waste transfer operations at the CSWS Transfer Stations and its authorization to issue notices of award and negotiate the terms and conditions of final agreements with CWPM, Covanta and Enviro Express; and

**WHEREAS**, Undertaking the Transition Period in the event and manner contemplated will increase the CSWS net cost of operation and Disposal Fees and place added financial burden on the CSWS Participating Municipalities which MIRA desires to mitigate through the transfer of five million, six hundred and fifty thousand dollars (\$5,650,000) in Fiscal Year 2023 Property Division operating income to the CSWS Tip Fee Stabilization Fund; and

**WHEREAS**, MIRA further desires to establish a three million three hundred thousand dollar fund providing for the estimated cost to decommission the CSWS Waste to Energy Facility upon final cessation of waste combustion operations.

**NOW THEREFORE, be it**

**RESOLVED:** That the Fiscal Year 2023 Materials Innovation and Recycling Authority Property Division Operating Budget attached hereto as Exhibit A be adopted substantially in the form as presented and discussed at this meeting; and

**FURTHER RESOLVED:** Following the transfer of Property Division receipts to its operating fund each month in accordance with MIRA's Flow of Funds procedure, Management is directed to transfer the next five million, six hundred and fifty thousand dollars (\$5,650,000) in Property Division receipts to the CSWS Tip Fee Stabilization Fund with all remaining receipts to be transferred to the Property Division General Fund.

**FURTHER RESOLVED:** Management is authorized to establish a CSWS Waste to Energy Facility Decommissioning Reserve within the State Treasurer's Short Term Investment Fund ("Decommissioning Reserve") and to transfer the sum of three million three hundred thousand dollars (\$3,300,000) from the Property Division's General Fund into such Decommissioning Reserve.

**FURTHER RESOLVED:** No funds shall be expended from such Decommissioning Reserve until such time as this Board approves a decommissioning plan including, but not limited to, a scope of work, final cost estimate, and commencement and completion schedule.

**FURTHER RESOLVED:** In the event that any future approved Program of Operations warrants modification of the Fiscal Year 2023 Materials Innovation and Recycling Authority Property Division Operating Budget adopted hereby, such modification shall be accommodated through corresponding changes to the operating income and relevant use of reserves approved hereby, and / or adopted by this Board this date for MIRA's Landfill Division and Connecticut Solid Waste System.

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**FISCAL YEAR 2023  
PROPERTY DIVISION  
ADOPTED OPERATING BUDGET**

**February 23, 2022**



**MIRA - PROPERTY DIVISION (PD)****REVENUES**

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
35-001-000-43105	Jets Energy	\$ 10,179,315	\$ 9,216,866	\$ 7,064,881
35-001-000-xxxxx	Lease Income	\$ 522,264	\$ 522,264	\$ 518,586
35-001-000-46101	Interest Income	\$ 18,013	\$ 250,000	\$ 10,000
35-001-000-xxxxx	Use of Property Division General Fund Reserve	\$ -	\$ -	\$ 3,300,000
<b>TOTAL OPERATING REVENUES</b>		<b>\$ 10,719,592</b>	<b>\$ 9,989,130</b>	<b>\$ 10,893,468</b>

**EXPENDITURES**

	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
35-001-xxx-xxxxx	MIRA Personnel Services - Other Property O&M	\$ 794,803	\$ 842,376	\$ 637,736
35-001-501-xxxxx	MIRA Decommissioning Costs	\$ -	\$ -	\$ 3,300,000
35-001-501-xxxxx	MIRA Non-Personnel Services	\$ 444,390	\$ 213,860	\$ 41,300
35-001-501-52408	Railroad Maintenance	\$ 10,050	\$ 10,500	\$ 11,025
35-001-620-xxxxx	171 Murphy Road	\$ 14,935	\$ 27,215	\$ 27,815
35-001-951-xxxxx	Jets Operating Charges	\$ 972,023	\$ 1,724,523	\$ 1,077,811
<b>TOTAL OPERATING EXPENDITURES</b>		<b>\$ 2,236,200</b>	<b>\$ 2,818,474</b>	<b>\$ 5,095,687</b>

**OPERATING INCOME**

<b>INCOME BEFORE DISBURSEMENT</b>	<b>\$ 8,483,391</b>	<b>\$ 7,170,657</b>	<b>\$ 5,797,781</b>
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**DISBURSEMENT OF PROPERTY DIVISION NET INCOME**

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
35-001-501-52686	Contribution to Property Division General Fund	\$ 2,792,744	\$ -	\$ 147,781
35-001-501-52649	Contribution to CSWS Tip Fee Stabilization Fund	\$ 5,000,000	\$ 7,170,657	\$ 5,650,000
<b>TOTAL DISBURSEMENT OF PD NET INCOME</b>		<b>\$ 7,792,744</b>	<b>\$ 7,170,657</b>	<b>\$ 5,797,781</b>
<b>BALANCE</b>		<b>\$ 690,647</b>	<b>\$ -</b>	<b>\$ -</b>

## MIRA - PROPERTY DIVISION (PD)

### EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
35-001-501-57871	Indirect Labor & Overhead - Administration	\$ 660,928	\$ 721,684	\$ 511,149
35-001-xxx-57874	Direct Salaries/Labor & Benefits - Operational	\$ 133,875	\$ 120,692	\$ 126,587
<b>35-001-xxx-xxxxx</b>	<b>MIRA Personnel Services - Other Property O&amp;M</b>	<b>\$ 794,803</b>	<b>\$ 842,376</b>	<b>\$ 637,736</b>
	Decommissioning - Direct Salaries/Labor & Benefits	\$ -	\$ -	\$ 300,000
	Decommissioning - Operating Expenses	\$ -	\$ -	\$ 3,000,000
<b>35-001-xxx-xxxxx</b>	<b>MIRA Decommissioning Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,300,000</b>
35-001-501-52115	Advertising - Legal Notices	\$ -	\$ 1,500	\$ 1,500
35-001-501-52305	Business Meeting & Travel	\$ -	\$ 100	\$ 100
35-001-501-52355	Mileage Reimbursement	\$ 116	\$ 100	\$ 100
35-001-501-52856	Legal	\$ -	\$ 5,000	\$ 10,000
35-001-501-52640	Insurance Premium	\$ 431,708	\$ 193,560	\$ 25,200
35-001-501-52875	Insurance Consulting/Brokerage Service	\$ 12,565	\$ 12,600	\$ 3,400
35-001-501-52899	Other Consulting Services	\$ -	\$ 1,000	\$ 1,000
<b>35-001-501-xxxxx</b>	<b>MIRA Non-Personnel Services</b>	<b>\$ 444,390</b>	<b>\$ 213,860</b>	<b>\$ 41,300</b>
<b>35-001-501-52408</b>	<b>Railroad Maintenance</b>	<b>\$ 10,050</b>	<b>\$ 10,500</b>	<b>\$ 11,025</b>
35-001-620-52104	Telecommunications	\$ 1,220	\$ 1,200	\$ 1,300
35-001-620-52404	Building Operations	\$ 3,608	\$ 10,315	\$ 10,815
35-001-620-52415	Grounds Maintenance	\$ 488	\$ 1,500	\$ 1,500
35-001-620-53301	Gas	\$ 4,998	\$ 6,500	\$ 6,500
35-001-620-53304	Electricity	\$ 3,078	\$ 6,500	\$ 6,500
35-001-620-53309	Other Utilities	\$ 1,544	\$ 1,200	\$ 1,200
<b>35-001-620-xxxxx</b>	<b>171 Murphy Road</b>	<b>\$ 14,935</b>	<b>\$ 27,215</b>	<b>\$ 27,815</b>
<b>35-001-951-xxxxx</b>	<b>Jets Operating Charges</b>	<b>\$ 972,023</b>	<b>\$ 1,724,523</b>	<b>\$ 1,077,811</b>
	<b>TOTAL OPERATING EXPENDITURES</b>	<b>\$ 2,236,200</b>	<b>\$ 2,818,474</b>	<b>\$ 5,095,687</b>
	<b>NET INCOME / (LOSS)</b>	<b>\$ 8,483,391</b>	<b>\$ 7,170,657</b>	<b>\$ 5,797,781</b>

**MIRA - PROPERTY DIVISION (PD)****JETS ELECTRICITY****ASSUMPTIONS**

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
	FUEL USAGE			
	K1 Fuel Price (average per gallon)	\$ 1.58	\$ 2.00	\$ -
	Gallons/Hr./Unit	429	4,200	-
	Annual Run Hours/Unit	24	20	-
	Number of Units	4	4	-

**REVENUES**

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
35-001-000-43105	Capacity	\$ 9,418,792	\$ 8,128,655	\$ 6,207,007
35-001-000-43105	VARs, Schedule 2, External Inadvertent	\$ 38,214	\$ 38,211	\$ 24,200
35-001-000-43105	RT Energy, RT NCPC	\$ 400,164	\$ 450,000	\$ 418,054
35-001-000-43105	RT Reserves, Reserve Credits, Forward Reserves	\$ 322,145	\$ 600,000	\$ 415,620
35-001-000-xxxxx	Jets Electricity Revenues	\$ 10,179,315	\$ 9,216,866	\$ 7,064,881

**EXPENDITURE DETAILS**

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	PROPOSED FY23
35-001-951-52612	Fuel	\$ 64,991	\$ 672,000	\$ 267,254
35-001-951-52104	Telecommunications	\$ 8,849	\$ 9,600	\$ 9,600
35-001-951-52502	Fees/Licenses/Permits	\$ 3,531	\$ 5,000	\$ 5,000
35-001-951-52621	Discrete Emission Reduction Credit (DERC)	\$ -	\$ 5,000	\$ 5,000
35-001-951-52622	Regional Greenhouse Gas Initiative Carbon Credit (RGCI)	\$ 18,370	\$ 24,000	\$ 36,000
35-001-951-52720	Power Products Management Fee	\$ 129,000	\$ 129,000	\$ 118,250
35-001-951-52858	Engineering Consulting Services	\$ -	\$ 10,000	\$ 5,000
35-001-951-52901	Environmental Testing	\$ 12,200	\$ 5,000	\$ 5,000
35-001-951-53304	Electricity	\$ 76,030	\$ 80,000	\$ 96,000
35-001-951-xxxxx	MIRA Operating Costs	\$ 247,980	\$ 267,600	\$ 279,850
35-001-951-52701	Operating & Maintenance (O&M) Fees	\$ 360,445	\$ 439,555	\$ 209,561
35-001-951-52703	Management Fee & Incentive Compensation	\$ 116,945	\$ 119,466	\$ 124,716
35-001-951-52717	Home Office Support	\$ 44,690	\$ 66,652	\$ 62,500
35-001-951-52718	Labor & Overhead Costs	\$ 127,792	\$ 150,327	\$ 126,537
35-001-951-52719	Site Personnel Incentive Compensation	\$ 9,181	\$ 8,922	\$ 7,394
35-001-951-xxxxx	Operator Operating & Maintenance Costs	\$ 659,052	\$ 784,923	\$ 530,707
	Subtotal Jets Electricity Expenditures	\$ 972,023	\$ 1,724,523	\$ 1,077,811
	Balance	\$ 9,207,292	\$ 7,492,344	\$ 5,987,070

## Section 3

**RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF  
DIRECTORS**

**REGARDING ADOPTION OF THE FISCAL YEAR 2023 LANDFILL DIVISION OPERATING BUDGET**

RESOLVED: That the Fiscal Year 2023 Materials Innovation and Recycling Authority Operating Budget for the Landfill Division attached hereto as Exhibit A be adopted substantially in the form as presented and discussed at this meeting.

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**FISCAL YEAR 2023  
LANDFILL DIVISION  
ADOPTED OPERATING BUDGET**

**February 23, 2022**

## MIRA - LANDFILL DIVISION

### REVENUES

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
51-001-000-43101	Electricity Sales to the City of Hartford	\$ 58,005	\$ 66,673	\$ 66,340
51-001-000-43106	ZREC/Energy Payments from Eversource	\$ 110,559	\$ 162,979	\$ 162,164
51-001-000-xxxxx	Miscellaneous Income	\$ 54,381	\$ 53,237	\$ 54,342
51-001-000-46101	Interest Income	\$ 337	\$ -	\$ -
<b>Total Revenues</b>		<b>\$ 223,282</b>	<b>\$ 282,889</b>	<b>\$ 282,846</b>

### EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
51-001-501-xxxxx	MIRA Operating Expenses	\$ 192	\$ 3,900	\$ 1,150
51-001-501-52856	Legal	\$ -	\$ 10,000	\$ 5,000
51-001-501-52611	ZREC Income Share with City of Hartford	\$ 48,441	\$ 71,166	\$ 74,064
51-001-501-52640	Insurance Premium	\$ 107,056	\$ 61,800	\$ -
51-001-501-52701	Contract Operating Charges	\$ (8,385)	\$ 15,270	\$ 12,885
51-001-501-52875	Insurance Consulting & Brokerage	\$ 1,109	\$ 3,321	\$ -
51-001-501-56605	Construction	\$ (600)	\$ -	\$ -
51-001-501-57871	Authority Budget Allocation BOD	\$ 69,840	\$ 79,158	\$ 54,027
<b>Total Expenditures</b>		<b>\$ 217,653</b>	<b>\$ 244,615</b>	<b>\$ 147,127</b>
<b>NET INCOME/(LOSS)</b>		<b>\$ 5,629</b>	<b>\$ 38,274</b>	<b>\$ 135,720</b>
51-001-501-57871	Resource Rediscovery *	\$ (316)	\$ -	\$ -

\* FY21 Resource Rediscovery reflects reversed accrual related to legal fees associated with the redevelopment of the Waste Processing Facility.

# Section 4



ATTACHMENT 3

RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF  
DIRECTORS

**REGARDING APPROVING THE FISCAL YEAR 2023 AUTHORITY BUDGET**

**WHEREAS**, The Materials Innovation and Recycling Authority (MIRA) is contractually obligated to adopt Disposal Fees for its Connecticut Solid Waste System (CSWS) Participating Municipalities on or before February 28, 2022, which fees will apply during MIRA's Fiscal Year 2023 which begins July 1, 2022 and ends June 30, 2023; and

**WHEREAS**, such Disposal Fees are to reflect the net cost of operation of the CSWS as defined in the Municipal Service Agreements between CSWS Participating Municipalities and MIRA, which net cost of operation includes a properly allocable share of MIRA's general administrative expenses commonly known as the "Authority Budget"; and

**WHEREAS**, in order for MIRA to progress timely with the establishment of Disposal Fees for the CSWS it is necessary for MIRA to adopt the Authority Budget for Fiscal Year 2023 at this time including the budget for personnel and non-personnel services that comprise MIRA's general administrative expenses and the amounts thereof that are properly allocable to MIRA projects and divisions that will be active during Fiscal Year 2023 including:

1. Connecticut Solid Waste System (CSWS)
2. Property Division
3. Landfill Division; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors resolved to pursue a limited (one boiler / one turbine / one year) operation of the CSWS Waste to Energy Facility (the "Facility") during Fiscal Year 2023 (the "Transition Period") in the event that negotiations with Murphy Road Recycling and WIN Waste Innovations did not conclude successfully with a planned waste transfer operation to be conducted from 123 / 143 Murphy Road, Hartford CT; and

**WHEREAS**, at its January 24, 2022 meeting, the MIRA Board of Directors directed management to present to the Board no later than April 13, 2022 a Program of Operations for MIRA including executive leadership, general management, other staff and third-party services required for the safe and reliable operation of the CSWS Transfer Stations and the Facility providing for such Transition Period ("Program of Operations");

**NOW THEREFORE, be it**

**RESOLVED:** Management is directed to include in the Program of Operations a recommendation concerning the viability of a one boiler / one turbine / one year operation of the Facility during the Transition Period, or an alternative use of the Facility for waste transfer activity and / or alternative redirection of CSWS Participating Municipalities from the Facility to a CSWS Transfer Station, which recommendation shall identify any necessary changes to the budgeted operating income and use of reserves for MIRA's Landfill Division, Property Division and Connecticut Solid Waste System.

**FURTHER RESOLVED:** That the Fiscal Year 2023 Materials Innovation and Recycling Authority Operating Budget attached hereto as Exhibit A be adopted substantially in the form as presented and discussed at this meeting; and

**FURTHER RESOLVED:** In the event that any future approved Program of Operations warrants modification of the Fiscal Year 2023 Materials Innovation and Recycling Authority Operating Budget adopted hereby, such modification shall be accommodated through corresponding changes to the operating income and relevant use of reserves approved pursuant to the Fiscal Year 2023 Operating and Capital Budgets adopted by this Board this date for MIRA's Landfill Division, Property Division and Connecticut Solid Waste System.

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**FISCAL YEAR 2023  
THE AUTHORITY  
ADOPTED OPERATING BUDGET**

**February 23, 2022**

# MIRA - THE AUTHORITY OPERATING BUDGET

## EXPENDITURE ALLOCATION

Account	Description	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
xx-001-501-57874	MIRA Direct Personnel	\$ 1,706,978	\$ 1,591,274	\$ 1,545,845
Subtotal Direct Expenditures		\$ 1,706,978	\$ 1,591,274	\$ 1,545,845
xx-001-501-57871	Authority Budget - Indirect Personnel	\$ 2,322,695	\$ 2,545,236	\$ 1,718,325
01-001-501-xxxxx	Authority Budget - Indirect Non Personnel	\$ 709,437	\$ 738,521	\$ 807,118
Subtotal Indirect Expenditures		\$ 3,032,132	\$ 3,283,757	\$ 2,525,443
TOTAL EXPENDITURES		\$ 4,739,111	\$ 4,875,031	\$ 4,071,288

## REVENUE REQUIREMENTS ALLOCATION

Account	Description	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
01-001-000-48109	Landfill Division *	\$ 75,960	\$ 79,158	\$ 54,027
01-001-000-48110	Property Division	\$ 794,803	\$ 842,376	\$ 637,736
01-001-000-48112	CSWS	\$ 3,856,496	\$ 3,953,497	\$ 3,379,525
01-001-000-xxxxx	Interest & Other Income	\$ 11,852	\$ -	\$ -
Total Personnel & Non-Personnel Services		\$ 4,739,111	\$ 4,875,031	\$ 4,071,288

\* Project permitting transferred to the CT DEEP in Feb 2015.

## EXPENDITURES

Account	Description	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
<b>PERSONNEL SERVICES</b>				
01-001-501-xxxxx	Labor-Related Payroll	\$ 3,040,354	\$ 3,067,969	\$ 2,353,568
01-001-501-xxxxx	Labor-Related Payroll Taxes	\$ 219,911	\$ 218,895	\$ 179,824
01-001-501-51227	Net Employee Benefits	\$ 446,389.29	\$ 507,338	\$ 453,142
01-001-501-51223	401-K Contribution	\$ 291,029	\$ 289,633	\$ 227,885
01-001-501-51235	Benefits Administration	\$ 13,808	\$ 11,800	\$ 14,000
01-001-501-51250	Other Benefits	\$ 30,035	\$ 40,875	\$ 35,750
Subtotal Personnel Services		\$ 4,041,526	\$ 4,136,510	\$ 3,264,169

# MIRA - THE AUTHORITY OPERATING BUDGET

## EXPENDITURES

Account	Description	ACTUAL FY21	ADOPTED FY22	ADOPTED FY23
<b>NON-PERSONNEL SERVICES</b>				
01-001-501-52101	Postage and Delivery Fees	\$ 6,042.31	\$ 9,700	\$ 7,600
01-001-501-52104	Telecommunications	\$ 49,149.36	\$ 53,500	\$ 53,800
01-001-501-52106	Copier Maintenance	\$ 3,809.91	\$ 4,300	\$ 4,300
01-001-501-52108	Printing Services	\$ 1,166.64	\$ 1,250	\$ 1,250
01-001-501-52115	Advertising - Legal Notices/Recruitment	\$ -	\$ 6,000	\$ 4,000
01-001-501-52202	Office Supplies	\$ 3,544.26	\$ 5,500	\$ 3,500
01-001-501-52302	Miscellaneous Services	\$ -	\$ 5,500	\$ 1,500
01-001-501-52303	Subscribe/Publ/Ref. Material	\$ 3,949.55	\$ 3,610	\$ 4,500
01-001-501-52304	Dues-Professional Organizations	\$ 3,794.84	\$ 6,035	\$ 3,620
01-001-501-52305	Business Meetings and Travel	\$ 2,983.04	\$ 3,150	\$ 1,850
01-001-501-52306	Training	\$ 789.00	\$ 2,000	\$ 2,000
01-001-501-52310	Payroll Software Services	\$ 12,728.10	\$ 15,000	\$ 15,000
01-001-501-52315	Record Retention Services	\$ 6,670.35	\$ 7,400	\$ 7,400
01-001-501-52355	Mileage Reimbursement	\$ 1,230.94	\$ 500	\$ 300
01-001-501-52404	Building Operations	\$ 1,594.40	\$ 1,000	\$ 1,000
01-001-501-52604	Building Office Rent	\$ 198,590.30	\$ 202,576	\$ 205,898
01-001-501-52615	Temporary Agency Services	\$ 34,250.00	\$ 4,000	\$ 2,500
01-001-501-52640	Insurance Premiums	\$ 142,169.94	\$ 116,700	\$ 224,500
01-001-501-52853	Information Technology Consultant	\$ 360.00	\$ 5,600	\$ 5,600
01-001-501-52854	Information Technology Maintenance	\$ 59,282.33	\$ 99,100	\$ 65,000
01-001-501-52856	Legal Fees	\$ 68,992.50	\$ 45,000	\$ 65,000
01-001-501-52863	Auditor	\$ 39,000.00	\$ 75,000	\$ 41,000
01-001-501-52875	Insurance Consulting/Brokerage Services	\$ 2,094.00	\$ 2,100	\$ 30,000
01-001-501-52899	Engineering, Technology & General Consulting Services	\$ 39,045.36	\$ 17,000	\$ 15,000
01-001-501-54482	Computer Hardware	\$ 2,798.48	\$ 32,000	\$ 20,000
01-001-501-54483	Computer Software	\$ 1,163.76	\$ 2,500	\$ 11,000
01-001-501-54491	Other Equipment	\$ 4,895.00	\$ 2,500	\$ -
01-001-501-55585	Trustee / Bank Fees	\$ 7,490.45	\$ 10,000	\$ 10,000
<b>Subtotal Non-Personnel Services</b>		<b>\$ 697,585</b>	<b>\$ 738,521</b>	<b>\$ 807,118</b>

# Section 5

## **Summary of Activity Undertaken During Fiscal Year 2022, and Planned Activity for Fiscal Year 2023**

### **Summary of Activity Undertaken During FY2022**

In fiscal year 2022, MIRA completed preparations to conclude its waste combustion activities, experienced very strong financial performance, and realized the long anticipated adverse effects of its challenging business model.

During fiscal year 2022, the operational performance of the CSWS waste to energy facility continued its decline. The WTE Facility's average monthly combined boiler availability was 59.8% meaning that, on average, each of the facility's three boilers were unavailable 40.2% of the time due to equipment failure and major maintenance requirements. There were also increasing occasions where reduced waste flow, caused by economic contraction and increased tip fees, also prompted boiler unavailability. The WTE Facility received 483,490 tons of MSW delivered under municipal and hauler contracts, a 4,795 ton (1.0%) reduction in deliveries from fiscal year 2021. The facility generated 232.87 million kilowatt hours of energy, a 17.21 million kilowatt hour (6.9%) reduction from fiscal year 2021.

To ensure the continued of waste management services to its CSWS participating municipalities, MIRA commenced planning and contracting activities necessary to suspend waste combustion and transition the WTE Facility to a more reliable waste transfer operation. The outcome of these initiatives is summarized below:

- MIRA concluded two RFPs for the transportation and disposal of municipal solid waste through June 30, 2027. The RFPs were issued May 14, 2021. One RFP was targeted at other regional waste-to-energy or transfer facilities and the other was targeted at out-of-state landfills.
- MIRA separately issued an RFP for the operation, maintenance and optional future development of CSWS Transfer Facilities on June 16, 2021. This RFP envisioned the suspension of waste combustion and commencement of transfer operations in Hartford effective July 1, 2022.
- MIRA developed and proposed an amendment to the MSAs increasing the opt-out tip fee schedule in an effort to provide contract surety to waste transportation contractors and transfer facility operating contractors.

- Pursuant to the results of the RFPs, MIRA awarded the following contracts:
  - Contract to Enviro Express for the operation and maintenance of the Torrington Transfer Station, transportation and disposal of MSW to a Pennsylvania landfill, and transportation of recyclables to Murphy Road Recycling.
  - Contract to CWPM for the operation and maintenance of the Essex Transfer Station, transportation of MSW to a waste to energy facility operated by Covanta in Preston CT, and transportation of recyclables to Murphy Road Recycling.
  - Contract to Covanta for the disposal of MSW at its waste to energy facility in Preston CT.
- MIRA executed MSA amendments with twenty-one Connecticut municipalities providing for their delivery of MSW and recyclables to the Torrington and Essex Transfer Stations. Two additional municipalities continue use of these facilities pursuant to existing (un-amended) MSAs.
- The awarded contracts are supported by demand from municipalities that remain MIRA customers under amended and existing MSAs. Equipment termination fees are incorporated in the Enviro Express contract if warranted by a decline in demand. Per ton fees are incorporated in the Covanta contract if expected deliveries of MSW do not occur.
- Twenty-nine Connecticut municipalities opted out of their existing MSAs effective July 1, 2022 in favor of lower priced alternatives confirming MIRA's concerns over the viability of the CSWS Redevelopment project in the absence of business model improvements. These municipalities represent over eighty percent (80%) of historic waste deliveries under the MSAs. Accordingly, MIRA did not award contracts to continue operations at the Watertown Transfer Station, or to commence waste transfer operations at its WTE Facility. Both of these facilities were closed shortly after the close of fiscal year 2022.

### **Planned Activity for Fiscal Year 2023**

During fiscal year 2023, MIRA will work cooperatively with its remaining municipal customers, the private sector and State to explore the potential to restructure its operating and service contracts in an effort to reduce the amount of reserves potentially used to lower the cost of CSWS services to its revised opt out levels as envisioned in the MSA amendment versus using its reserves for other authorized MIRA purposes. These efforts will further be coordinated with the Solid Waste Management Working Group formed by Special Act 22-11. This working group was formed to "study and make recommendations related to solid waste management in the state, including, but not limited to, recommending a strategic plan for both short-term and long-term management and disposal of solid waste". The working group is to submit its findings and recommendations to the joint standing committees of the General Assembly having cognizance of matters relating to the environment and energy no later than January 1, 2023. MIRA will



work to implement such recommendations ultimately passed by the General Assembly and signed into law. Within this context, during fiscal year 2023 MIRA will:

- Evolve to a smaller workforce responsive to current demand for its operational services and facilities;
- Continue to serve 23 municipalities through contract operation of the Torrington and Essex transfer stations;
- Suspend transfer operations at the CSWS Hartford Recycling Facility;
- Suspend MSW transfer operations at the CSWS Watertown Transfer Station;
- Economize services and utilities at closed facilities;
- Secure and preserve waste management infrastructure pending development or other disposition;
- Sell, scrap or recycle unneeded equipment;
- Commence closure of the CSWS Waste-to-Energy Facility upon DEEP's approval of a closure plan.
- Manage environmental regulatory compliance for 54 permits, licenses, registrations, orders, and other authorizations associated with its closed Connecticut Solid Waste System (CSWS) Waste-to-Energy Facility, its two active transfer stations, its two dormant transfer stations, its dormant single stream recycling facility, and its jet turbine facility.



Materials Innovation and Recycling Authority  
Regular Board of Directors Meeting  
**Supplemental Information**  
December 14, 2022

*I. Finance*

1. Informational Reports for the period ending October 31, 2022 (*Attachment A*).

CSWS Financials	Property Division Financials
CSWS Electricity	MIRA Cash Flow
CSWS Solid Waste Summary	Major Maintenance Funds
CSWS Recycling Summaries	Decommissioning Reserve
CSWS Metal Recovery Operations	Authority Budget
	GFOA Certificate of Achievement

*II. Summary of Project Activities*

1. An update is provided on waste deliveries to the CSWS project for the period ending October 31, 2022 (*Attachment B*).

*III. Communications*

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

# TAB A



BOARD OF DIRECTORS FINANCIAL REPORT  
PERIOD ENDING .....

October 31, 2022

**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 October totaled \$1.38 million (4.9% below budget). The deficit in member town deliveries was partially offset by surplus other energy market revenues and interest income. Year to date revenues are \$1.80 million (28.4%) under budget due to the early shut down of the Waste to Energy Facility. Total accrued expenditures for October were \$1.67 million (20.3% above budget) primarily due to payment of accrued leave associated with NAES contract employee terminations. Year to date total accrued expenditures are 11.9% under budget. Year to date the CSWS has incurred an operating loss of \$3.98 million which is \$0.66 million (19.7%) above budget. The Authority's Transition Contingency Reserve, included in the Major Maintenance Fund, adequately supports the shortfall in income driven by the early shut down and ongoing deficits in member deliveries.

**CSWS Electricity** - The CSWS no longer produces electricity. All of its energy sales revenue is derived from Renewable Energy Credits (RECs) "minted" by the Department of Energy and Environmental Protection quarterly in arrears, and through annual and monthly reconfiguration auctions conducted by ISO New England which the Authority participates in to satisfy the Waste to Energy Facility capacity supply obligations it has incurred through May 2024.

The CSWS recognized \$726,250 in Renewable Energy Credit sales in October. Electricity generated by the CSWS from April 2022 through June 2022 was minted into Renewable Energy Credits in September and paid in October at a contract price of \$12.50 per credit. The additional \$141,327 in other energy market revenue in October is primarily due to net capacity payments earned through participation in reconfiguration auctions to satisfy remaining capacity supply obligations. Year to date other energy market revenue is 26.4% above budget.

**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.

October deliveries totaled 4,145 tons which is 1980 tons (32.3%) below budget. All deliveries from August through the end of fiscal year 2023 are budgeted as member town deliveries. The deficit in Member Town deliveries has been reviewed, initial causes identified and corrective actions have commenced. The Authority anticipates improvement in member deliveries commencing in November.

**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, 0 tons of non-participating recycling were delivered and 0 tons were budgeted. Operating expenses totaled \$168,066 for participating town deliveries which is 15.9% above budget for October due to a reduction in commodity pricing that puts upward pressure on the Authority's Base Operating Charge. Greater than budgeted participating deliveries to Essex also inflated recycling transportation expense. 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 12.0% above budget year to date.



BOARD OF DIRECTORS FINANCIAL REPORT  
PERIOD ENDING ..... October 31, 2022

**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 October, the Authority sold 0 gross tons of post combustion ferrous and 0 gross tons of maintenance metals as part of its WTE Facility shut down activities for total revenue of \$0. There were no such sales budgeted for October. Metal sales are 119.6% above budget year to date. Beginning in fiscal year 2022, the Authority stopped directly selling pre-combustion ferrous metals. This material was transported for processing and remarketing and the waste transportation expense included within CSWS Waste Transportation. Post combustion ferrous sales activity ended with the shut down of the WTE Facility. Sales of maintenance metals may continue.

**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 40.4% above budget in October due to surplus reserve credits and interest income. Operating expenses were 6.6% under budget due to savings in Jets contract operating charges. Total operating income is 20.2% 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 October were sufficient to distribute \$621,547 to the Tip Fee Stabilization Fund. Year to date distributions to the Tip Fee Stabilization Fund in support of FY 2023 budgets are \$3,718,041. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating and Major Maintenance funds causing a draw of \$618,553 from the Tip Fee Stabilization Fund. After the distribution of October receipts, \$58,045,762 remained contingently due to the Tip Fee Stabilization Fund from CSWS.

**Major Maintenance Fund** - This report reflects budget versus actual funds advanced or expended for major maintenance and capital improvement projects approved by the Authority. At its February 23, 2022 meeting, the Authority authorized management to establish a project for scale system replacement at the CSWS transfer stations in the amount of \$600,000 funded through surplus Major Maintenance Funds. As shown on this report, the Authority has expended \$299,026 through October 30, 2022 for the scale replacement projects.

**Transition Contingency Reserve** - This \$3,565,000 reserve is part of the Major Maintenance Fund. It is being funded in four distributions from July through October shown as on CSWS Financials. Use of the reserve has been authorized for WTE Facility contractor severance budgeted at \$2,000,000 from July through September. Actual payments for 71 contract employees is \$1,694,051 as shown on the Major Maintenance Fund report. One additional employee remains to be paid. The Authority estimates WTE contractor severance will be conclude \$285,000 below the \$2,000,000 authorization leaving an available Transition Contingency Reserve balance of \$1,850,000. Use of the reserve was subsequently authorized for security and technical support budgeted at \$112,500. Technical support services in the amount of \$5,115 were paid in October.

**Decommissioning Funds** - The Authority's Decommissioning Reserve has been funded and established for financial reporting purposes and expenditures are pending approval of a closure plan by DEEP and contracting activity by the Authority.

Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **October 31, 2022**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<b>REVENUES</b>								
<a href="#">Member Towns</a>	\$ 691,125	\$ 462,820	\$ (228,305)	-33.0%	\$ 2,764,500	\$ 1,937,390	\$ (827,110)	-29.9%
<a href="#">Other Contracts</a>	\$ -	\$ -	\$ -	n/a	\$ 600,000	\$ -	\$ (600,000)	n/a
<a href="#">Hauler - Direct</a>	\$ -	\$ -	\$ -	n/a	\$ 697,500	\$ -	\$ (697,500)	n/a
<a href="#">Hauler - TS</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">Spot Waste</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ (101)	\$ (101)	n/a
Bypass, Delivery & Other Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ (42,030)	\$ (42,030)	n/a
Member Service Fee	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">Metal Sales &amp; Excess Residue</a>	\$ -	\$ -	\$ -	n/a	\$ 5,708	\$ 12,536	\$ 6,828	119.6%
Bulky Waste	\$ -	\$ -	\$ -	n/a	\$ 20,500	\$ -	\$ (20,500)	n/a
<a href="#">Recycling Facility</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">Electricity Sales</a>	\$ -	\$ -	\$ -	n/a	\$ 722,260	\$ 543,628	\$ (178,632)	-24.7%
Other Energy Markets	\$ 754,430	\$ 867,577	\$ 113,147	15%	\$ 1,517,720	\$ 1,918,745	\$ 401,025	26.4%
Misc. (Interest, Fees, Other)	\$ 4,200	\$ 48,439	\$ 44,239	1053%	\$ 16,800	\$ 170,200	\$ 153,400	913.1%
<b>TOTAL ACCRUED REVENUES</b>	<b>\$ 1,449,755</b>	<b>\$ 1,378,836</b>	<b>\$ (70,919)</b>	<b>-4.9%</b>	<b>\$ 6,344,988</b>	<b>\$ 4,540,368</b>	<b>\$ (1,804,620)</b>	<b>-28.4%</b>
<b>EXPENDITURES</b>								
Administrative Expenses	\$ 138,411	\$ 115,908	\$ 22,503	16.3%	\$ 604,327	\$ 687,629	\$ (83,302)	-13.8%
Operational & Contingent, Exp.	\$ 130,349	\$ 100,015	\$ 30,334	23.3%	\$ 930,878	\$ 794,921	\$ 135,957	14.6%
PILOTs & Fees	\$ 128,708	\$ 128,519	\$ 189	0.1%	\$ 561,971	\$ 519,330	\$ 42,641	7.6%
Waste Transport	\$ 617,589	\$ 447,844	\$ 169,745	27.5%	\$ 3,036,736	\$ 2,257,188	\$ 779,548	25.7%
Recycling Facility	\$ 145,023	\$ 168,066	\$ (23,044)	-15.9%	\$ 580,091	\$ 649,881	\$ (69,790)	-12.0%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ -	\$ 77,055	\$ (77,055)	n/a	\$ 108,333	\$ 471,561	\$ (363,228)	-335.3%
NAES Contract Operating Charges	\$ -	\$ 482,821	\$ (482,821)	n/a	\$ 2,403,098	\$ 2,143,902	\$ 259,196	10.8%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
NAES On-Site Incentive Comp.	\$ -	\$ -	\$ -	n/a	\$ 135,323	\$ 122,858	\$ 12,465	9.2%
NAES Management Fees	\$ -	\$ 26,856	\$ (26,856)	n/a	\$ 108,333	\$ 296,406	\$ (188,073)	-173.6%
Transfer Station - Ellington	\$ 1,349	\$ 1,103	\$ 246	18.2%	\$ 5,396	\$ 5,734	\$ (338)	-6.3%
Transfer Station - Essex	\$ 65,000	\$ 65,674	\$ (674)	-1.0%	\$ 260,000	\$ 265,884	\$ (5,884)	-2.3%
Transfer Station - Torrington	\$ 55,717	\$ 59,474	\$ (3,757)	-6.7%	\$ 222,868	\$ 228,266	\$ (5,398)	-2.4%
Transfer Station - HFD Transition	\$ 109,200	\$ 1,037	\$ 108,163	99.1%	\$ 709,200	\$ 73,697	\$ 635,503	89.6%
<b>TOTAL ACCRUED EXPENDITURES</b>	<b>\$ 1,391,346</b>	<b>\$ 1,674,372</b>	<b>\$ (283,027)</b>	<b>-20.3%</b>	<b>\$ 9,666,554</b>	<b>\$ 8,517,257</b>	<b>\$ 1,149,297</b>	<b>11.9%</b>
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ 58,409	\$ (295,537)	\$ (353,946)	-606.0%	\$ (3,321,566)	\$ (3,976,889)	\$ (655,324)	19.7%
<b>DISTRIBUTION OF CSWS OPERATING INCOME</b>								
<a href="#">CSWS Improvement Fund</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">CSWS Major Maint. (Transition)</a>	\$ 565,000	\$ 565,000	\$ -	0.0%	\$ 3,565,000	\$ 3,565,000	\$ -	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>	<b>\$ 565,000</b>	<b>\$ 565,000</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 3,565,000</b>	<b>\$ 3,565,000</b>	<b>\$ -</b>	<b>0.0%</b>
<b>SURPLUS / (DEFICIT)</b>	<b>\$ (506,591)</b>	<b>\$ (860,537)</b>	<b>\$ (353,946)</b>	<b>70%</b>	<b>\$ (6,886,566)</b>	<b>\$ (7,541,889)</b>	<b>\$ (655,324)</b>	<b>9.5%</b>

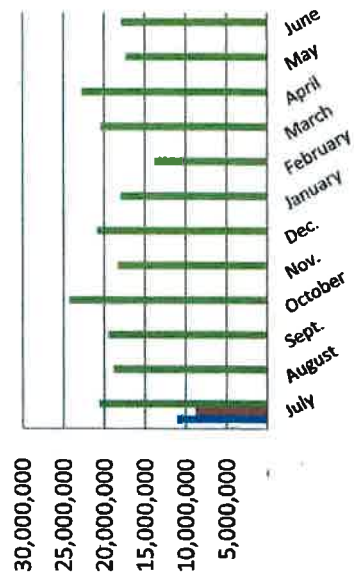
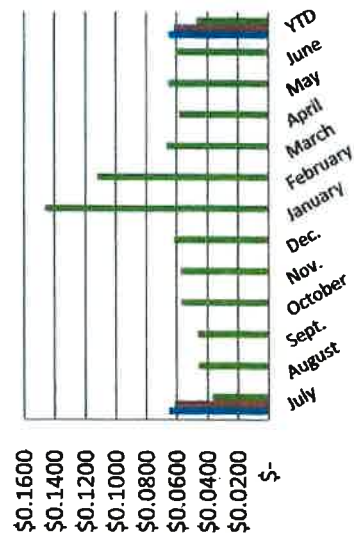


Narrative

**Period Ending:**

October 31, 2022

	Price			Production			Generation Revenue		
	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
FY 2023 Budget	\$ 0.0650	\$ 0.0616	\$ (0.0034)	11,111,691	8,829,690	(2,282,001)	\$ 722,260	\$ 543,628	\$ (178,632)
July	\$	\$	n/a		-	n/a		\$	-
August	n/a								
Sept.	n/a	\$	n/a		-	n/a		\$	-
October	n/a	\$	n/a		-	n/a		\$	-
Nov.	n/a	\$	n/a			n/a			
Dec.	n/a	\$	n/a			n/a			
January	n/a	\$	n/a			n/a			
February	n/a	\$	n/a			n/a			
March	n/a	\$	n/a			n/a			
April	n/a	\$	n/a			n/a			
May	n/a	\$	n/a			n/a			
June	n/a	\$	n/a			n/a			
<b>YTD</b>	\$ 0.0650	\$ 0.0616	\$ (0.0034)	<b>11,111,691</b>	<b>8,829,690</b>		<b>722,260</b>	<b>543,628</b>	<b>\$ (178,632)</b>
YTD % Var.			-5.3%			-20.5%			-24.7%





Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report

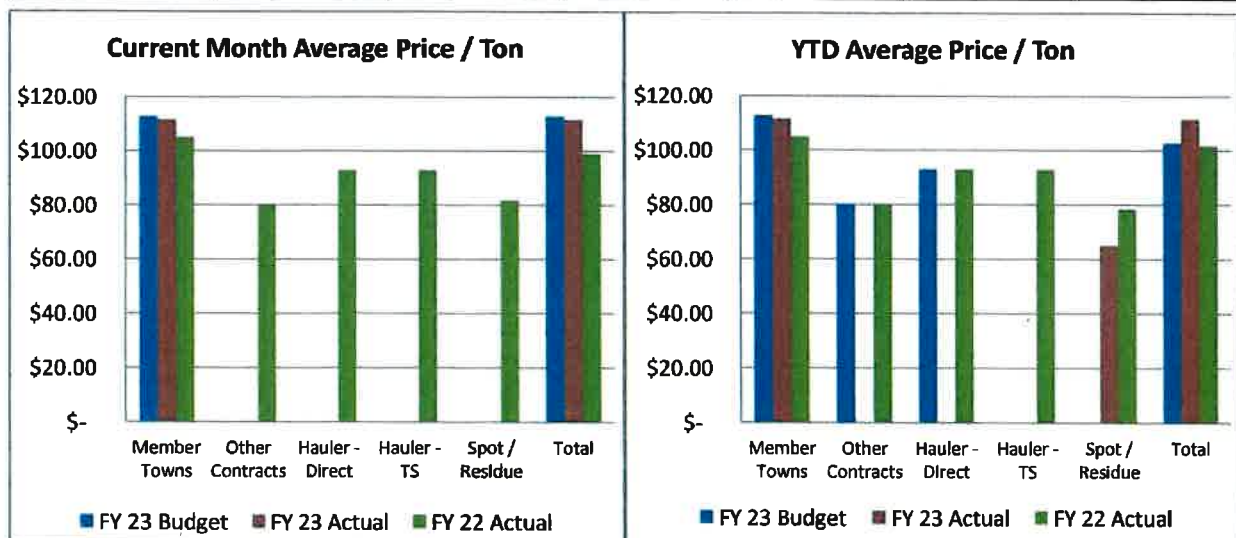
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CSWS Solid Waste Summary

Period Ending:

**October 31, 2022**

	Current Month			Year To Date		
FY 23 Budget	Tons	Revenue	Price	Tons	Revenue	Price
<a href="#">Member Towns</a>	6,125	\$ 691,125	\$ 112.84	24,500	\$ 2,764,500	\$ 112.84
<a href="#">Other Contracts</a>	-	\$ -	\$ -	7,500	\$ 600,000	\$ 80.00
<a href="#">Hauler - Direct</a>	-	\$ -	\$ -	7,500	\$ 697,500	\$ 93.00
<a href="#">Hauler - TS</a>	-	\$ -	\$ -	-	\$ -	\$ -
<a href="#">Spot / Residue</a>	-	\$ -	\$ -	-	\$ -	\$ -
<b>Total</b>	<b>6,125</b>	<b>\$ 691,125</b>	<b>\$ 112.84</b>	<b>39,500</b>	<b>\$ 4,062,000</b>	<b>\$ 102.84</b>
FY 23 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	4,145	\$ 462,820	\$ 111.66	17,356	\$ 1,937,390	\$ 111.63
Other Contracts	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - Direct	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	-	\$ -	\$ -	(2)	\$ (101)	\$ 65.00
<b>Total</b>	<b>4,145</b>	<b>\$ 462,820</b>	<b>\$ 111.66</b>	<b>17,354</b>	<b>\$ 1,937,289</b>	<b>\$ 111.63</b>
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(1,980)	\$ (228,305)	\$ (1.17)	(7,144)	\$ (827,110)	\$ (1.21)
Other Contracts	-	\$ -	\$ -	(7,500)	\$ (600,000)	\$ (80.00)
Hauler - Direct	-	\$ -	\$ -	(7,500)	\$ (697,500)	\$ (93.00)
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	-	\$ -	\$ -	(2)	\$ (101)	\$ 65.00
<b>Total</b>	<b>(1,980)</b>	<b>\$ (228,305)</b>	<b>\$ (1.17)</b>	<b>(22,146)</b>	<b>\$ (2,124,711)</b>	<b>\$ 8.80</b>
<b>Total % Var.</b>	<b>-32.3%</b>	<b>-33.0%</b>	<b>-1.0%</b>	<b>-56.1%</b>	<b>-52.3%</b>	<b>8.6%</b>



Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report  
CSWS Recycling Summary

[Narrative](#)

Period Ending:

October 31, 2022

Budget FY 2023	Non Participating Delivery Revenue							Operating Expenses				
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
August	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
September	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
October	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
November	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
December	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
January	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
February	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
March	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
April	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
May	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
June	-	-	-	-	-	\$ 117	\$ -	\$ 26,167	\$ 101,651	\$ 17,204	\$ -	\$ 145,023
YTD	-	-	-	-	-	\$ 117	\$ -	\$ 104,669	\$ 406,606	\$ 68,817	\$ -	\$ 580,091

Actual FY 2023	Non Participating Delivery Revenue							Operating Expenses				
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ 117	\$ -	\$ 42,635	\$ 94,521	\$ 14,067	\$ -	\$ 151,223
August	-	-	-	-	-	\$ 117	\$ -	\$ 35,328	\$ 111,220	\$ 7,510	\$ -	\$ 154,058
September	-	-	-	-	-	\$ 117	\$ -	\$ 34,831	\$ 128,752	\$ 12,950	\$ -	\$ 176,534
October	-	-	-	-	-	\$ 117	\$ -	\$ 29,021	\$ 133,065	\$ 5,980	\$ -	\$ 168,066
November	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
December	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
January	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
February	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
March	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
April	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
May	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
June	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YTD	-	-	-	-	-	\$ 117	\$ -	\$ 141,816	\$ 467,558	\$ 40,507	\$ -	\$ 649,881

Variance FY 2023	Non Participating Delivery Revenue							Operating Expenses				
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ -	\$ -	\$ 16,468	\$ (7,131)	\$ (3,137)	\$ -	\$ 6,200
August	-	-	-	-	-	\$ -	\$ -	\$ 9,161	\$ 9,568	\$ (9,694)	\$ -	\$ 9,036
September	-	-	-	-	-	\$ -	\$ -	\$ 8,664	\$ 27,101	\$ (4,254)	\$ -	\$ 31,511
October	-	-	-	-	-	\$ -	\$ -	\$ 2,854	\$ 31,414	\$ (11,224)	\$ -	\$ 23,044
November	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
December	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
January	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
February	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
March	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
April	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
May	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
June	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YTD	-	-	-	-	-	\$ -	\$ -	\$ 16,468	\$ 46,548	\$ (11,224)	\$ -	\$ 45,792

Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report  
CSWS Recycling Transportation

[Narrative](#)

Period Ending:

**October 31, 2022**

Budget FY 2023	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	
July	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
August	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
September	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
October	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
November	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
December	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
January	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
February	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
March	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
April	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
May	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
June	481.25	\$ 30.00	\$ 14,438	474.50	\$ 24.72	\$ 11,730	-		\$ -	\$ 26,167
YTD	1,925.00	\$ 30.00	\$ 57,750	1,898.00	\$ 24.72	\$ 46,919	-	#DIV/0!	\$ -	\$ 104,669

Actual FY 2023	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	
July	483.75	\$46.10	\$ 22,301	427.72	\$ 45.70	\$ 19,547	28.09	\$ 28.04	\$ 788	\$ 42,635
August	541.19	\$45.80	\$ 24,787	385.87	\$ 27.32	\$ 10,542	-	\$ -	\$ -	\$ 35,328
September	560.95	\$45.31	\$ 25,417	351.30	\$ 26.80	\$ 9,415	-	\$ -	\$ -	\$ 34,831
October	514.88	\$ 39.76	\$ 20,472	324.33	\$ 26.36	\$ 8,549	-	\$ -	\$ -	\$ 29,021
November			\$ -			\$ -			\$ -	\$ -
December			\$ -			\$ -			\$ -	\$ -
January			\$ -			\$ -			\$ -	\$ -
February			\$ -			\$ -			\$ -	\$ -
March			\$ -			\$ -			\$ -	\$ -
April			\$ -			\$ -			\$ -	\$ -
May			\$ -			\$ -			\$ -	\$ -
June			\$ -			\$ -			\$ -	\$ -
YTD	2,100.77	\$ 44.26	\$ 92,976	1,489.22	\$ 32.27	\$ 48,053	28.09	\$ 28.04	\$ 788	\$ 141,816

Variance FY 2023	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	
July	2.50	16.10	7,863	(46.78)	20.98	7,817	28.09	28.04	788	16,468
August	59.94	15.80	10,349	(88.63)	2.60	(1,188)	-	-	-	9,161
September	79.70	15.31	10,979	(123.20)	2.08	(2,315)	-	-	-	8,664
October	33.63	9.76	6,034	(150.17)	1.64	(3,180)	-	-	-	2,854
November										
December										
January										
February										
March										
April										
May										
June										
YTD	175.77	14.26	35,226	(408.78)	7.55	1,134	28.09	#DIV/0!	788	37,148



Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report  
CSWS Recycling Contract Operating

[Narrative](#)

Period Ending:

October 31, 2022

Budget FY 2023	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
August	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
September	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
October	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
November	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
December	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
January	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
February	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
March	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
April	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
May	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
June	253.42	\$ 30.90	\$ 7,831	1,209.17	\$ 85.00	\$ (50.00)	\$ 35.00	\$ 42,321	\$ 51,500	\$ 101,651
YTD	1,013.67	30.90	31,322	4,837	\$ 85.00	\$ (50.00)	\$ 35.00	169,283	206,000	\$ 406,606

Actual FY 2023	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	103.89	\$ 30.00	\$ 3,117	1,063.3	\$ 87.55	\$ (48.61)	\$ 38.94	\$ 41,404	\$ 50,000	\$ 94,521
August	-	\$ -	\$ -	928.8	\$ 87.55	\$ (21.64)	\$ 65.91	\$ 61,220	\$ 50,000	\$ 111,220
September	-	\$ -	\$ -	910.9	\$ 87.55	\$ (1.09)	\$ 86.46	\$ 78,752	\$ 50,000	\$ 128,752
October	-	\$ -	\$ -	849.9	\$ 87.55	\$ 10.19	\$ 97.74	\$ 83,065	\$ 50,000	\$ 133,065
November			\$ -				\$ -	\$ -		\$ -
December			\$ -				\$ -	\$ -		\$ -
January			\$ -				\$ -	\$ -		\$ -
February			\$ -				\$ -	\$ -		\$ -
March			\$ -				\$ -	\$ -		\$ -
April			\$ -				\$ -	\$ -		\$ -
May			\$ -				\$ -	\$ -		\$ -
June			\$ -				\$ -	\$ -		\$ -
YTD	104	\$ 30.00	3,117	3,753	\$ 87.55	\$ (17.09)	\$ 70.46	264,441	200,000	\$ 467,558

Variance FY 2023	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	(149.53)	(0.90)	(4,714)	(145.9)	2.55	1.39	3.94	(917)	(1,500)	(7,131)
August	(253.42)	(30.90)	(7,831)	(280.3)	2.55	28.36	30.91	18,899	(1,500)	9,568
September	(253.42)	(30.90)	(7,831)	(298.3)	2.55	48.91	51.46	36,431	(1,500)	27,101
October	(253.42)	(30.90)	(7,831)	(359.3)	2.55	60.19	62.74	40,744	(1,500)	31,414
November										
December										
January										
February										
March										
April										
May										
June										
YTD	(910)	(0.90)	(28,206)	(1,084)	2.55	32.91	35.46	95,158	(6,000)	60,952

Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report  
CSWS Metal Recovery Operations

[Narrative](#)

Period Ending: **October 31, 2022**

Budget FY 2023	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				\$ -	\$ -				\$ -	\$ -	\$ -
September				\$ -	\$ -				\$ -	\$ -	\$ -
October				\$ -	\$ -				\$ -	\$ -	\$ -
November				\$ -	\$ -				\$ -	\$ -	\$ -
December				\$ -	\$ -				\$ -	\$ -	\$ -
January				\$ -	\$ -				\$ -	\$ -	\$ -
February				\$ -	\$ -				\$ -	\$ -	\$ -
March				\$ -	\$ -				\$ -	\$ -	\$ -
April				\$ -	\$ -				\$ -	\$ -	\$ -
May				\$ -	\$ -				\$ -	\$ -	\$ -
June				\$ -	\$ -				\$ -	\$ -	\$ -
YTD	29.17	\$ 38.57	\$ -	\$ 38.57	1,125	41.67	\$ 110.00	\$ -	\$ 110.00	4,583	\$ 5,708

Actual FY 2023	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	46.21	\$ 110.00	\$ 7.00	\$ 117.00	\$ 5,407	21.41	\$ 165.00	\$ 29.67	\$ 194.67	\$ 4,168	\$ 9,574
August	3.56	\$ 110.00	\$ 56.67	\$ 166.67	\$ 593	14.21	\$ 165.00	\$ 1.67	\$ 166.67	\$ 2,368	\$ 2,962
September	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
October	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
November				\$ -	\$ -				\$ -	\$ -	\$ -
December				\$ -	\$ -				\$ -	\$ -	\$ -
January				\$ -	\$ -				\$ -	\$ -	\$ -
February				\$ -	\$ -				\$ -	\$ -	\$ -
March				\$ -	\$ -				\$ -	\$ -	\$ -
April				\$ -	\$ -				\$ -	\$ -	\$ -
May				\$ -	\$ -				\$ -	\$ -	\$ -
June				\$ -	\$ -				\$ -	\$ -	\$ -
YTD	49.77	\$ 110.00	\$ 10.55	\$ 120.55	6,000	35.62	\$ 165.00	\$ 18.50	\$ 183.50	6,536.27	\$ 12,536

Variance FY 2023	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	17.04	71.43	7.00	78.43	4,281.57	(20.26)	55.00	29.67	84.67	(415.45)	3,866.12
August	3.56	110.00	56.67	166.67	593.35	14.21	165.00	1.67	166.67	2,368.38	2,961.73
September	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
October	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
November											
December											
January											
February											
March											
April											
May											
June											
YTD	20.60	71.43	10.55	81.98	4,874.92	(6.05)	55.00	18.50	73.50	1,952.93	6,827.85



Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **October 31, 2022**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<b>REVENUES</b>								
Jets Electric:								
Capacity Payments	\$ 564,273	\$ 564,273	\$ -	0.0%	\$ 2,257,092	\$ 2,257,092	\$ -	0.0%
VARs Payments	\$ 2,200	\$ 3,166	\$ 966	43.9%	\$ 8,800	\$ 8,473	\$ (327)	-3.7%
Reserve Credits	\$ 38,005	\$ 309,711	\$ 271,706	715%	\$ 152,020	\$ 1,985,268	\$ 1,833,248	1206%
Real Time Energy	\$ 37,784	\$ -	\$ (37,784)	n/a	\$ 671,136	\$ 578,856	\$ (92,280)	-13.7%
Total Jets Electric	\$ 642,262	\$ 877,150	\$ 234,888	36.6%	\$ 3,089,048	\$ 4,829,689	\$ 1,740,641	56.3%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 1,109	\$ (555)	-33.4%	\$ 6,656	\$ 4,451	\$ (2,205)	-33.1%
Wheelabrator Lease	\$ 38,079	\$ -	\$ (38,079)	n/a	\$ 152,316	\$ 56,004	\$ (96,312)	-63.2%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,000	\$ -	\$ (45,000)	n/a
Total Lease Income	\$ 39,743	\$ 1,109	\$ (38,634)	-97.2%	\$ 203,972	\$ 60,455	\$ (143,517)	-70.4%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ -	\$ 79,386	\$ 79,386	n/a	\$ 2,500	\$ 217,525	\$ 215,025	8601.0%
TOTAL ACCRUED REVENUES	\$ 682,005	\$ 957,645	\$ 275,640	40.4%	\$ 3,295,520	\$ 5,107,669	\$ 1,812,149	55.0%
<b>EXPENDITURES</b>								
MIRA Non-Personnel Services	\$ 1,057	\$ -	\$ 1,057	n/a	\$ 32,828	\$ 22,248	\$ 10,580	32.2%
MIRA Allocated Costs	\$ 45,838	\$ 36,966	\$ 8,872	19.4%	\$ 201,379	\$ 208,566	\$ (7,187)	-3.6%
Railroad Maintenance	\$ -	\$ -	\$ -	n/a	\$ 11,025	\$ 10,450	\$ 575	5.2%
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
1410 Honey Spot Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
171 Murphy Road	\$ 2,318	\$ 6,009	\$ (3,691)	-159.2%	\$ 9,272	\$ 8,425	\$ 847	9.1%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 268,422	\$ 253,688	\$ 14,734	5.5%	\$ 553,688	\$ 1,867,796	\$ (1,314,108)	-237.3%
Operating Contingency	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL ACCRUED EXPENDITURES	\$ 317,635	\$ 296,663	\$ 20,972	6.6%	\$ 808,192	\$ 2,117,485	\$ (1,309,293)	-162.0%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ 364,370	\$ 660,982	\$ 296,612	81.4%	\$ 2,487,328	\$ 2,990,184	\$ 502,856	20.2%
<b>DISTRIBUTION OF PD OPERATING INCOME</b>								
General Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Major Maintenance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<b>SURPLUS / (DEFICIT)</b>	\$ 364,370	\$ 660,982	\$ 296,612	81.4%	\$ 2,487,328	\$ 2,990,184	\$ 502,856	20.2%

Materials Innovation & Recycling Authority  
 Authority Budget, CSWS, Landfill Division and Property Division  
 Flow of Funds

Period Ending: October 31, 2022  
 Transfer Date: November 9, 2022  
 Funding: December

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
PD Clearing Account	\$ 1,000.00		\$ 928,964.37		\$ 928,964.37	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
PD Operating Fund	\$ 1,266,016.70	\$ 5,217.86	\$ 404,400.49	\$ -	\$ 307,417.14	\$ 1,174,251.21
PD General Fund	\$ 10,098,592.59	\$ 26,422.95				\$ 10,125,015.54
PD Improvement Fund	\$ 260,179.85					\$ 260,179.85
PD Jets Major Maintenance	\$ 798,813.87					\$ 798,813.87
CSWS Decommissioning Reserve	\$ 3,323,889.60	\$ 8,696.97				\$ 3,332,586.57
MIRA Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 621,547.23	Combined Below
<b>Total</b>	<b>\$ 15,747,492.61</b>	<b>\$ 40,337.78</b>	<b>\$ 404,400.49</b>	<b>\$ -</b>	<b>\$ 928,964.37</b>	<b>\$ 15,690,847.04</b>
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
CSWS Clearing Account	\$ 40,000.00		\$ 632,453.84		\$ 632,453.84	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
CSWS Operating STIF	\$ 13,225,051.57	\$ 31,078.51	\$ 2,594,686.60		\$ 1,251,006.49	\$ 11,912,449.97
CSWS Debt Service Fund	\$ 3,875.01					\$ 3,875.01
CSWS General Fund	\$ 1,109.79	\$ 2.90				\$ 1,112.69
CSWS Risk Fund	\$ 904,561.49	\$ 2,366.79				\$ 906,928.28
CSWS Legal Reserve	\$ 540,107.95	\$ 1,407.63	\$ 16,085.08			\$ 525,430.50
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				\$ (618,952.85)	Combined Below
<b>Total</b>	<b>\$ 14,674,705.81</b>	<b>\$ 34,855.83</b>	<b>\$ 2,610,771.68</b>	<b>\$ -</b>	<b>\$ 632,453.84</b>	<b>\$ 13,349,796.45</b>
<b>Combined</b>						
MIRA Severance Fund	\$ 2,532,430.48	\$ 6,626.09			\$ -	\$ 2,539,056.57
CSWS Improvement Fund	\$ 319,447.51				\$ -	\$ 319,447.51
CSWS Major Maintenance	\$ 6,306,036.22	\$ 16,495.79	\$ 1,850.60		\$ -	\$ 6,320,681.41
CSWS Tip Fee Stabilization	\$ 13,661,185.63	\$ 35,212.97			\$ 2,994.58	\$ 13,699,393.18
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 1,970,503.12		\$ 200,905.04	\$ 149,325.06		\$ 2,022,083.10
Hartford Solar Reserve	\$ 337,721.08	\$ 883.65				\$ 338,604.73
Pollution Insurance Reserve	\$ -					\$ -
Landfill Div. Operating Account	\$ 2,209,188.91		\$ 4,682.16	\$ 9,867.88		\$ 2,204,003.19

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.
- FY23 YTD contribution to the CSWS Tip Fee Stabilization Reserve totaled \$3,718,040.84 in support of the FY23 Adopted Property Division Budget.
- FY23 YTD CSWS draws from the CSWS Tip Fee Stabilization Reserve is \$1,086,740.83 in support of the FY23 Adopted CSWS Budget.



**Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report  
WTE Decommissioning Reserve**

Narrative

**Period Ending:**

10/31/22

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
<b>WASTE PROCESSING FACILITY</b>						
Baghouse & Cyclone Separator Cleaning	\$ -	\$ -	\$ -	\$ 30,100	\$ -	\$ 30,100
RDF Conveyors, Shredders, Trommels & Packers	\$ -	\$ -	\$ -	\$ 123,700	\$ -	\$ 123,700
WPF Building Surface Cleaning	\$ -	\$ -	\$ -	\$ 75,550	\$ -	\$ 75,550
MCAPS RTO Cleaning	\$ -	\$ -	\$ -	\$ 6,165	\$ -	\$ 6,165
MCAPS Spiral Duct Dismantling & Cleaning	\$ -	\$ -	\$ -	\$ 169,600	\$ -	\$ 169,600
Floor & Storm Drain System Cleaning	\$ -	\$ -	\$ -	\$ 60,900	\$ -	\$ 60,900
Deenergize Transformers & Electrical Equipment	\$ -	\$ -	\$ -	\$ 9,000	\$ -	\$ 9,000
Drums, Equipment Draining & Disposal	\$ -	\$ -	\$ -	\$ 43,500	\$ -	\$ 43,500
WPF Sub-total	\$ -	\$ -	\$ -	\$ 518,515	\$ -	\$ 518,515
<b>POWER BLOCK FACILITY</b>						
Coal Pond Ash Removal	\$ -	\$ -	\$ -	\$ 307,900	\$ -	\$ 307,900
Clean Ash Load Out & Wheel Building & Drains	\$ -	\$ -	\$ -	\$ 67,350	\$ -	\$ 67,350
Modify Coal Pond for Surface Discharge	\$ -	\$ -	\$ -	\$ 174,300	\$ -	\$ 174,300
Coal Soil Cover	\$ -	\$ -	\$ -	\$ 566,250	\$ -	\$ 566,250
Baghouse & Scrubber Cleaning (3 units)	\$ -	\$ -	\$ -	\$ 123,700	\$ -	\$ 123,700
Clean Ash Conveyors, Traveling Grates & Mixer Rm.	\$ -	\$ -	\$ -	\$ 120,400	\$ -	\$ 120,400
Clean Boiler Air Heaters (3 units)	\$ -	\$ -	\$ -	\$ 29,000	\$ -	\$ 29,000
Clean Boilers (3 units)	\$ -	\$ -	\$ -	\$ 102,500	\$ -	\$ 102,500
Seal & Grout Cooling Water Intakes & Discharges	\$ -	\$ -	\$ -	\$ 129,850	\$ -	\$ 129,850
Screen House Mechanical Wquipment Dismantling	\$ -	\$ -	\$ -	\$ 87,350	\$ -	\$ 87,350
Clean Wastewater Treatment Tanks	\$ -	\$ -	\$ -	\$ 58,850	\$ -	\$ 58,850
Clean Misc. Tanks & Vessels	\$ -	\$ -	\$ -	\$ 44,850	\$ -	\$ 44,850
Drain & Secure Turbine Systems and Transformers	\$ -	\$ -	\$ -	\$ 18,550	\$ -	\$ 18,550
Remove & Dispose of Radioactive Sources	\$ -	\$ -	\$ -	\$ 120,550	\$ -	\$ 120,550
Coal Barge Unloading Crane & Equip.	\$ -	\$ -	\$ -	\$ 130,000	\$ -	\$ 130,000
Miscellaneous Other Cleaning & Closure Costs	\$ -	\$ -	\$ -	\$ 197,350	\$ -	\$ 197,350
PBF Sub-total	\$ -	\$ -	\$ -	\$ 2,278,750	\$ -	\$ 2,278,750
<b>OTHER COSTS</b>						
Engineering Plans, Specs. & Bid Documents	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Permit and Regulatory Plans Modification/Transfer/Termination	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
MIRA Direct Personnel	\$ -	\$ -	\$ -	\$ 113,294	\$ -	\$ 113,294
Construction Management and Oversight	\$ -	\$ -	\$ -	\$ 339,440	\$ -	\$ 339,440
Contingency	\$ -	\$ -	\$ -	\$ 1	\$ -	\$ 1
Total Other Costs	\$ -	\$ -	\$ -	\$ 602,735	\$ -	\$ 602,735
<b>METAL SALES CREDIT</b>	\$ -	\$ -	\$ -	\$ (100,000)	\$ -	\$ (100,000)
<b>Total Decommission Reserve</b>	\$ -	\$ -	\$ -	\$ 3,300,000	\$ -	\$ 3,300,000

**Materials Innovation and Recycling Authority  
FY 2023 Board of Directors Financial Report  
CSWS Major Maintenance Fund Status**

Narrative

**Period Ending:**

10/31/22

WASTE PROCESSING FACILITY	Current Month		Year to Date		Variance
	Budget	Actual	Budget	Actual	
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -
<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	\$ -	\$ -	\$ -	\$ -	\$ -
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TRANSFER STATIONS</b>					
Essex	\$ -	\$ 150,580	\$ (150,580)	\$ 150,580	\$ (580)
Torrington	\$ -	\$ -	\$ -	\$ 148,446	\$ 151,554
Watertown	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Total Transfer Stations	\$ -	\$ 150,580	\$ (150,580)	\$ 299,026	\$ 300,974
<b>TRANSITION CONTINGENCY</b>	\$ -	\$ 5,115	\$ (5,115)	\$ 1,699,166	\$ 300,834
<b>TOTAL CSWS MAJOR MAINTENANCE FUND</b>	\$ -	\$ 155,695	\$ (155,695)	\$ 1,998,192	\$ 601,808

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

Segmented Income Statement

**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.

**DRAFT**

Period Ending: **October 31, 2022**

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Luxdill Division	Eliminations	Total
<b>Operating Revenues</b>								
Service charges:								
Members	\$ -	\$ 1,938	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,938
Others	-	(42)	-	-	-	-	-	(42)
Energy sales	-	2,462	-	-	4,830	26	-	7,318
Other operating revenues	-	19	-	-	36	-	-	55
<b>Total Operating Revenues</b>	-	4,377	-	-	4,866	26	-	9,269
<b>Operating Expenses</b>								
Solid waste operations	-	6,979	-	-	1,139	100	0	8,218
Maintenance and utilities	-	749	-	-	(252)	-	-	497
Legal services - external	-	59	-	-	-	-	-	59
Administrative and operational services	-	1,066	-	-	204	17	-	1,287
<b>Total Operating Expenses</b>	-	8,853	-	-	1,091	117	-	10,061
<b>Operating Income (Loss) before Depreciation and Amortization</b>	-	(4,476)	-	-	3,775	(91)	-	(792)
Depreciation and amortization	67	13	-	-	368	34	0	482
<b>Operating Income (Loss)</b>	(67)	(4,463)	-	-	3,407	(125)	-	(1,274)
<b>Non-Operating Revenues (Expenses)</b>								
Investment income	-	163	-	-	242	3	-	408
Settlement income (expense)	-	-	-	-	-	-	-	-
Other income (expense)	(90)	-	(3)	-	-	-	-	(93)
Distribution to SCERRA	-	-	-	-	-	-	-	-
<b>Non-Operating Revenues (Expenses), net</b>	(90)	163	(3)	-	242	3	-	375
Income (Loss) before Transfers	(97)	(4,326)	(3)	-	3,649	(122)	-	(899)
Transfers in (out)	-	-	-	-	-	-	0	-
Change in Net Position	(97)	(4,326)	(3)	-	3,649	(122)	-	(899)
<b>Total Net Position, beginning of period</b>	\$ 013	4,110	44	-	64,325	20,596	-	92,088
<b>Total Net Position, end of period</b>	\$ 2,916	\$ (216)	\$ 41	\$ -	\$ 67,974	\$ 20,474	\$ -	\$ 91,189

RECONCILIATION TO VARIANCE REPORT:

Add: Expenses paid from reserves	-	336	0	-	(297)	-	-	39
Add: Amortization	67	13	-	-	368	34	-	482
Less: GAAP Exp (Deferred for Budget)	-	-	-	-	-	-	-	-
add: Spare parts and fuel inventory adjustment	-	-	-	-	(729)	-	-	(729)
add: Capitalized expense out of main disposal	-	-	-	-	-	-	-	-
add: Settlement Income	-	-	-	-	-	-	-	-
<b>Other</b>	-	-	-	-	-	-	-	-
<b>Operating Income (Loss) per Variance report</b>	n/a	(3,977)	n/a	n/a	3,991	n/a	n/a	(986)

ties with CSWS financials tab

ties with CSWS financials tab

ties with PD financials tab

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

Note: Eliminations and depreciation are preliminary amounts.

Other: Sept20 - REC's were billed and in the GL for Sept20 9/9/6 billed in October20.

# THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending October 31, 2022

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
<b>Authority Budget</b>								
Personnel Services (a)	\$ 132,312	\$ 161,580	\$ (29,268)	-22.12%	\$ 594,544	\$ 654,472	\$ (59,928)	-10.08%
Non-Personnel Services (b)	\$ 46,006	\$ (5,629)	\$ 51,635	112.24%	\$ 439,074	\$ 251,547	\$ 187,527	42.71%
<b>Total Authority Budget</b>	<b>\$ 178,318</b>	<b>\$ 155,951</b>	<b>\$ 22,367</b>	<b>12.54%</b>	<b>\$1,033,618</b>	<b>\$ 906,019</b>	<b>\$ 127,599</b>	<b>12.34%</b>
LESS: STIF Interest Income	\$ -	\$ 6,626	\$ (6,626)	100.00%	\$ -	\$ 20,138	\$ (20,138)	100.00%
<b>TOTAL AUTHORITY BUDGET ALLOCATED</b>	<b>\$ 178,318</b>	<b>\$ 149,325</b>	<b>\$ 28,993</b>	<b>16.26%</b>	<b>\$1,033,618</b>	<b>\$ 885,881</b>	<b>\$ 147,737</b>	<b>14.29%</b>
<b>Authority Budget Allocation</b>								
Landfill Division	\$ 3,815	\$ 3,194	\$ 621	16.28%	\$ 22,113	\$ 18,949	\$ 3,164	14.31%
Property Division	\$ 36,092	\$ 30,223	\$ 5,869	16.26%	\$ 209,206	\$ 179,302	\$ 29,904	14.29%
CSWS Division	\$ 138,411	\$ 115,908	\$ 22,503	16.26%	\$ 802,299	\$ 687,629	\$ 114,670	14.29%
<b>TOTAL AUTHORITY BUDGET ALLOCATED</b>	<b>\$ 178,318</b>	<b>\$ 149,325</b>	<b>\$ 28,993</b>	<b>16.26%</b>	<b>\$1,033,618</b>	<b>\$ 885,881</b>	<b>\$ 147,737</b>	<b>14.29%</b>
<b>MIRA Direct Personnel</b>								
Landfill Division	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Property Division	\$ 9,747	\$ 6,743	\$ 3,004	30.82%	\$ 43,798	\$ 29,264	\$ 14,534	33.18%
CSWS Division	\$ 109,283	\$ 84,554	\$ 24,729	22.63%	\$ 491,064	\$ 449,780	\$ 41,284	8.41%
<b>TOTAL MIRA DIRECT</b>	<b>\$ 119,030</b>	<b>\$ 91,296</b>	<b>\$ 27,734</b>	<b>23.30%</b>	<b>\$ 534,862</b>	<b>\$ 479,045</b>	<b>\$ 55,817</b>	<b>10.44%</b>
<b>Total Allocation</b>								
Landfill Division	\$ 3,815	\$ 3,194	\$ 621	16.28%	\$ 22,113	\$ 18,949	\$ 3,164	14.31%
Property Division	\$ 45,839	\$ 36,966	\$ 8,873	19.36%	\$ 253,004	\$ 208,566	\$ 44,438	17.56%
CSWS Division	\$ 247,694	\$ 200,461	\$ 47,233	19.07%	\$1,293,363	\$1,137,410	\$ 155,953	12.06%
<b>TOTAL AUTHORITY &amp; MIRA DIRECT</b>	<b>\$ 297,348</b>	<b>\$ 240,621</b>	<b>\$ 56,727</b>	<b>19.08%</b>	<b>\$1,568,480</b>	<b>\$ 1,364,925</b>	<b>\$ 203,555</b>	<b>12.98%</b>

## YTD VARIANCE EXPLANATION

- (a) Unfavorable due to MIRA employee severance and payout
- (b) Favorable due to lower than budgeted insurance premium by \$54k, timing of insurance broker fees \$30k, and change in the recording of building office rent \$69k per the new GASB guidelines, and reversed accrual related to MIRA severance \$30k; offset by higher than budgeted temp services \$10k and incurred legal fees \$66k.



Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

**Materials Innovation & Recycling Authority  
Connecticut**

For its Annual Comprehensive  
Financial Report  
For the Fiscal Year Ended

June 30, 2021

*Christopher P. Morrell*

Executive Director/CEO

# TAB B

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

October-22

### MSW Monthly Customer Delivery Summary

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Oct 21	Oct 22	Growth
<b>CSWS MSW</b>									
Tier 1 - Original Long	5,726	6,343	11%	1,979	2,174	10%	424	550	30%
Tier 1 - Amended Short	56,809	52,848	(7%)	19,192	15,046	(22%)	4,303	3,536	(18%)
Tier 1 - Swapped		83			83	-	0	59	-
<b>MSW TOTAL</b>	<b>62,535</b>	<b>59,191</b>	<b>(5%)</b>	<b>21,170</b>	<b>17,303</b>	<b>(22%)</b>	<b>4,728</b>	<b>4,145</b>	<b>(14%)</b>

### MSW Monthly Customer Delivery Detail

<b>CSWS Tier 1 Original Participating Municipality MSW</b>									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Oct 21	Oct 22	Growth
Deep River	3,087	3,454	12%	990	1,149	16%	233	261	12%
Essex	2,640	2,889	9%	989	1,025	4%	191	289	51%
<b>TOTAL TIER 1 - Original Long</b>	<b>5,726</b>	<b>6,343</b>	<b>11%</b>	<b>1,979</b>	<b>2,174</b>	<b>10%</b>	<b>424</b>	<b>550</b>	<b>30%</b>

<b>CSWS Tier 1 Amended Short Participating Municipality MSW Effective 7/1/22</b>									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Oct 21	Oct 22	Growth
Canaan	496	499	1%	173	156	(10%)	39	41	7%
Chester	1,392	936	(33%)	406	268	(34%)	89	73	(18%)
Clinton	8,371	7,607	(9%)	2,677	1,536	(43%)	666	355	(47%)
Colebrook	595	642	8%	235	219	(7%)	51	44	(13%)
Cornwall	599	559	(7%)	195	189	(3%)	41	48	15%
Durham/Middlefield	5,988	3,614	(40%)	1,660	823	(50%)	300	209	(30%)
Goshen	1,543	1,418	(8%)	551	490	(11%)	113	113	(0%)
Haddam	3,495	3,361	(4%)	1,194	1,064	(11%)	257	264	3%
Killingworth	1,647	1,796	9%	550	475	(14%)	125	121	(3%)
Lyme	798	783	(2%)	277	271	(2%)	59	66	11%
Middlebury	2,504	2,192	(12%)	758	322	(58%)	190	70	(63%)
Norfolk	774	731	(6%)	284	257	(9%)	57	55	(4%)
North Canaan	2,054	2,017	(2%)	753	689	(9%)	176	162	(8%)
Old Saybrook	8,715	8,572	(2%)	3,140	2,431	(23%)	695	526	(24%)
RRDD#1	11,319	10,939	(3%)	3,969	3,607	(9%)	936	881	(6%)
Salisbury/Sharon	3,508	3,280	(6%)	1,202	1,090	(9%)	269	245	(9%)
Westbrook	3,010	3,902	30%	1,169	1,159	(1%)	239	263	10%
<b>TOTAL TIER 1 - Amended Short</b>	<b>56,809</b>	<b>52,848</b>	<b>(7%)</b>	<b>19,192</b>	<b>15,046</b>	<b>(22%)</b>	<b>4,303</b>	<b>3,536</b>	<b>(18%)</b>

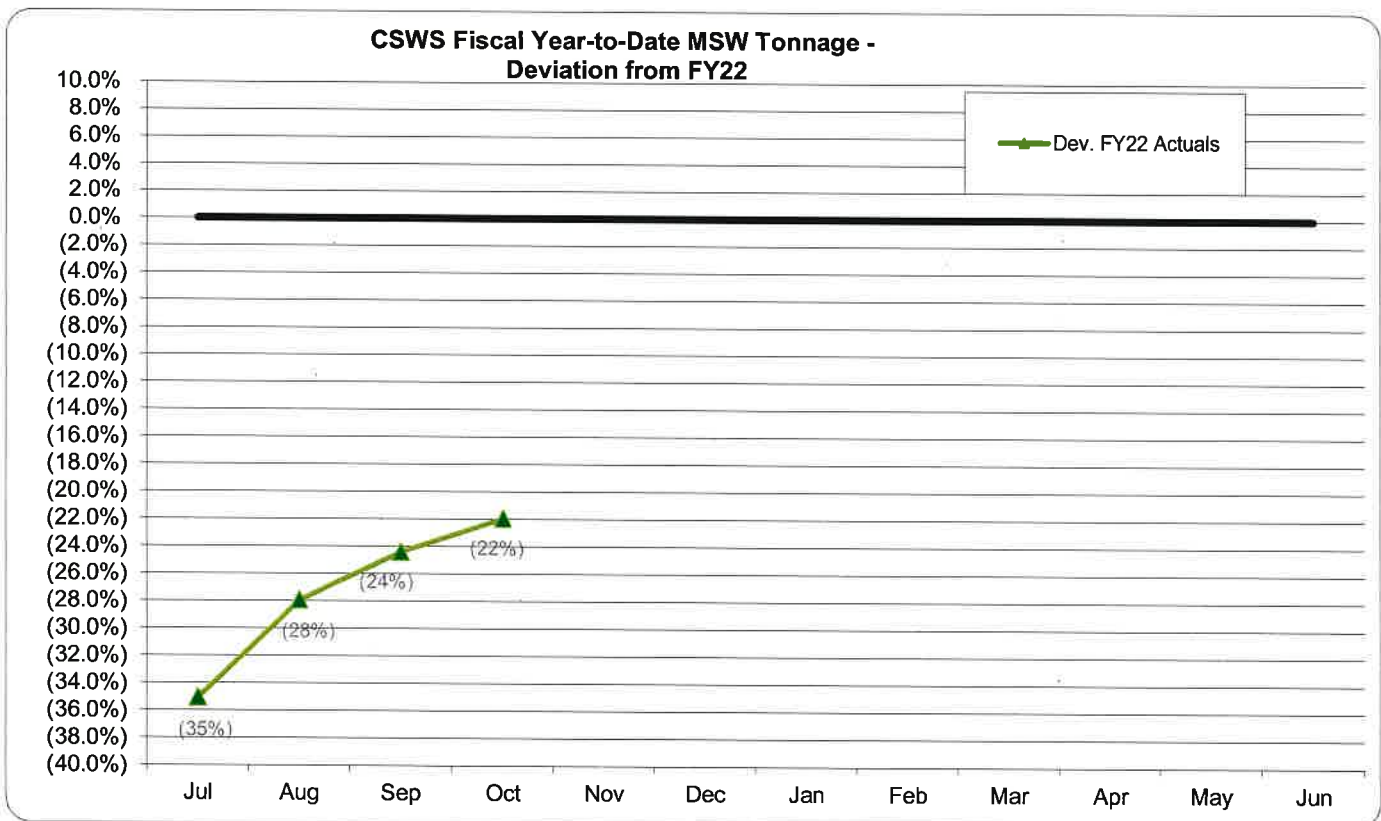
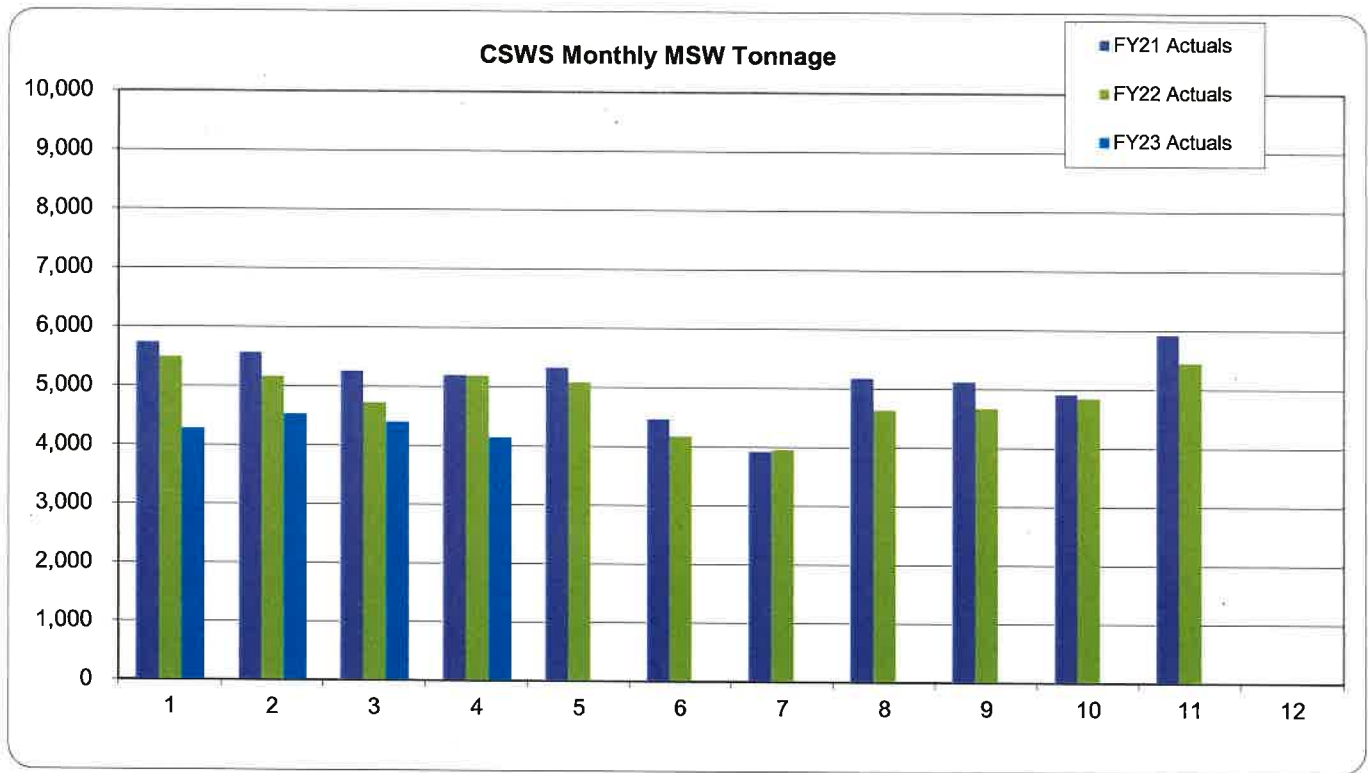
<b>CSWS Tier 1 Swapped for Participating Municipality MSW</b>									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Oct 21	Oct 22	Growth
Guilford/Madison			-		142	-		59	-
<b>TOTAL TIER 1 - Swapped</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>142</b>	<b>-</b>	<b>0</b>	<b>59</b>	<b>-</b>



# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

### CSWS MSW Trends



# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

### Recycling Monthly Customer Delivery Summary

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2020	2021	Growth	2021	2022	Growth	Oct 21	Oct 22	Growth
<b>CSWS Recyclables</b>									
Tier 1 - Original Long	1,040	1,264	22%	345	413	20%	83	115	40%
Tier 1 - Amended Short	10,902	9,842	(10%)	3,312	3,215	(3%)	760	756	(0%)
<b>RECYC. TOTAL</b>	<b>11,942</b>	<b>11,106</b>	<b>(7%)</b>	<b>3,657</b>	<b>3,628</b>	<b>(1%)</b>	<b>843</b>	<b>872</b>	<b>3%</b>

### Recycling Monthly Customer Delivery Detail

CSWS Tier 1 Original Participating Municipality Recycling									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Oct 21	Oct 22	Growth
Deep River	292	415	42%	107	125	16%	28	22	(22%)
Essex	748	848	13%	238	288	21%	55	94	71%
<b>TOTAL TIER 1 - Original Long</b>	<b>1,040</b>	<b>1,264</b>	<b>22%</b>	<b>345</b>	<b>413</b>	<b>20%</b>	<b>83</b>	<b>115</b>	<b>40%</b>

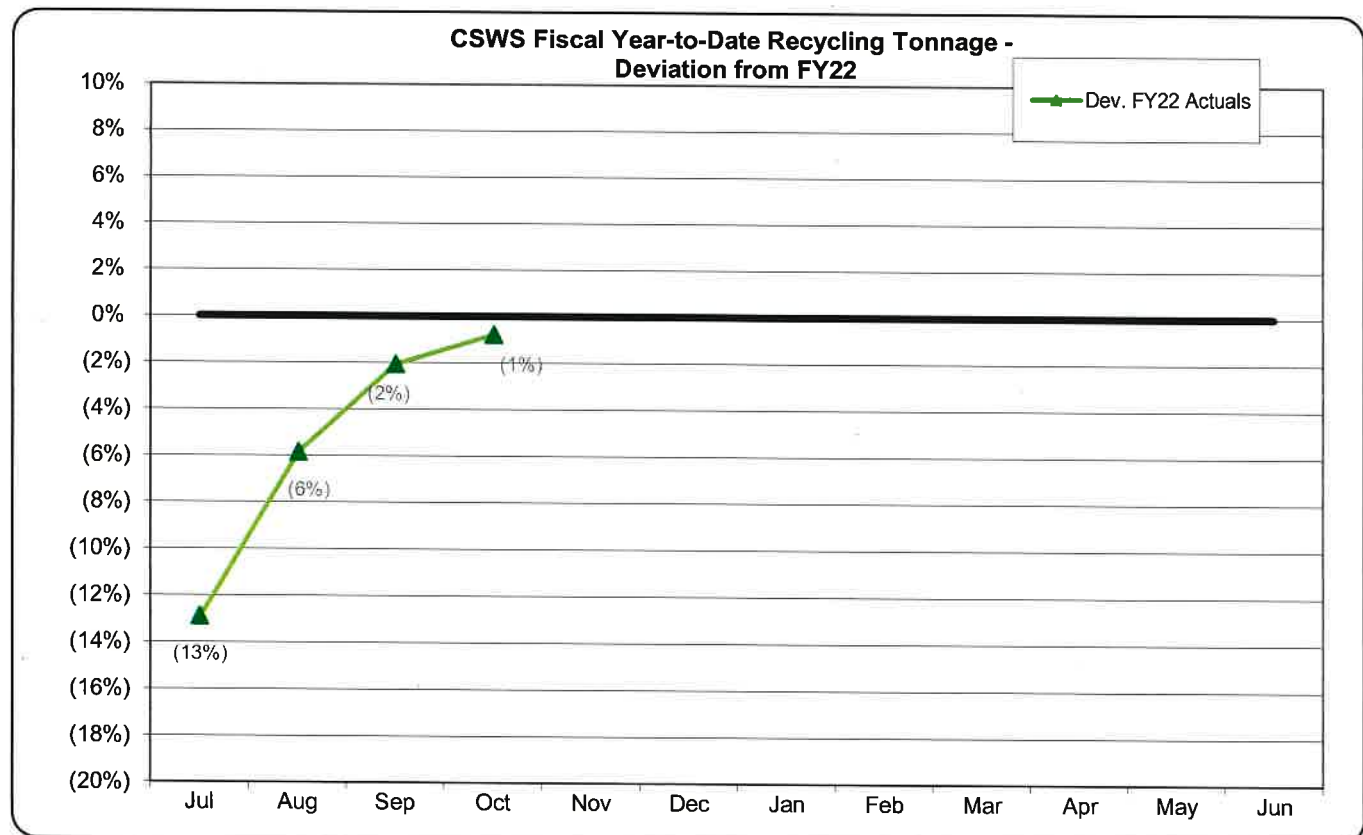
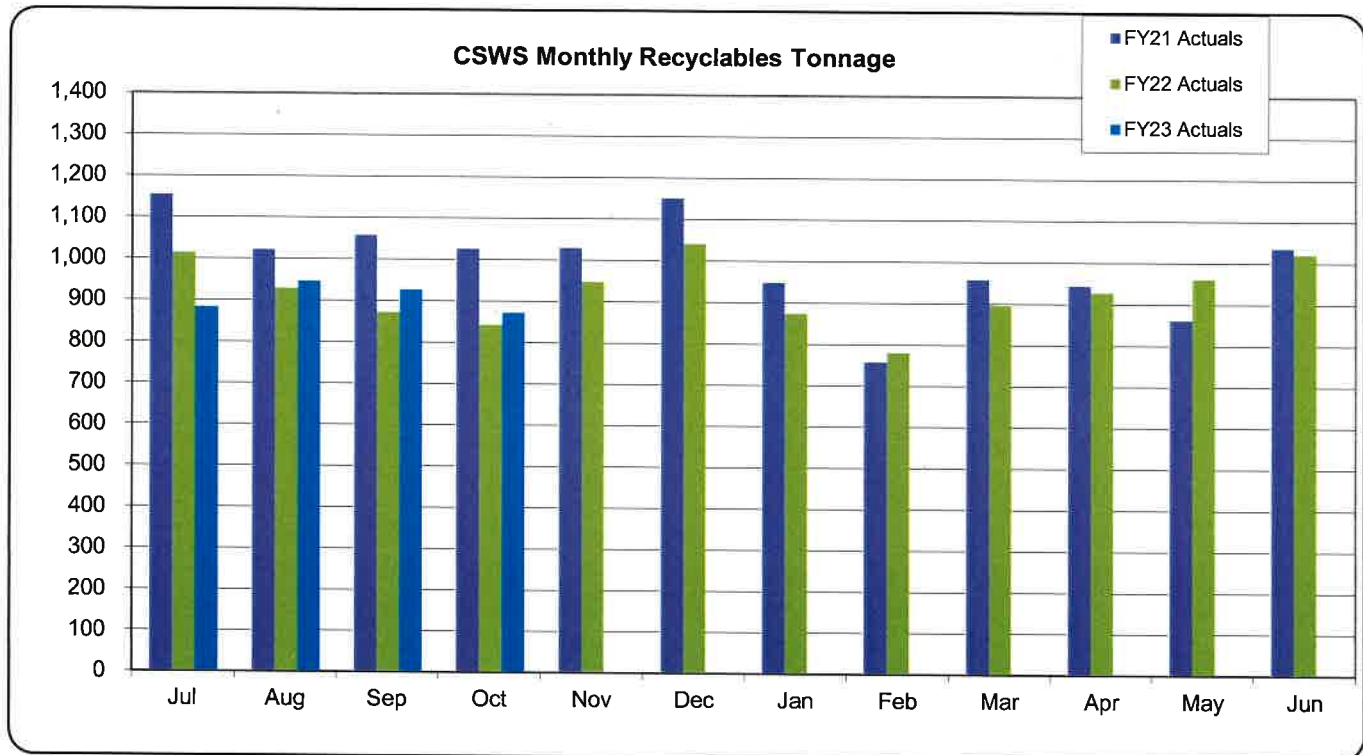
CSWS Tier 1 Amended Short Participating Municipality Recycling Effective 7/1/22									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Oct 21	Oct 22	Growth
Canaan	204	154	(24%)	78	43	(45%)	8	9	20%
Chester	405	246	(39%)	116	116	0%	26	28	8%
Clinton	1,029	829	(20%)	174	267	53%	48	83	71%
Colebrook	206	206	(0%)	76	69	(10%)	16	16	(5%)
Cornwall	190	164	(14%)	52	53	1%	7	13	72%
Durham/Middlefield	903	666	(26%)	234	188	(20%)	54	52	(3%)
Goshen	383	342	(11%)	119	112	(6%)	30	29	(1%)
Haddam	672	627	(7%)	197	203	3%	46	53	14%
Killingworth	462	407	(12%)	123	118	(4%)	30	27	(10%)
Lyme	290	283	(2%)	98	96	(2%)	25	18	(27%)
Middlebury	922	860	(7%)	268	171	(36%)	66	39	(41%)
Norfolk	167	164	(2%)	58	61	5%	12	14	12%
North Canaan	251	261	4%	75	93	24%	26	25	(4%)
Old Saybrook	1,414	1,312	(7%)	486	452	(7%)	109	86	(21%)
RRDD#1	1,671	1,596	(4%)	544	534	(2%)	123	129	4%
Salisbury-Sharon	1,229	1,101	(10%)	429	351	(18%)	96	77	(20%)
Westbrook	503	625	24%	185	288	56%	38	60	59%
<b>TOTAL TIER 1 - Amended Short</b>	<b>10,902</b>	<b>9,842</b>	<b>(10%)</b>	<b>3,312</b>	<b>3,215</b>	<b>(3%)</b>	<b>760</b>	<b>756</b>	<b>(0%)</b>

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

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

### CSWS Recyclables Trends



# TAB C

**FOR PERIOD ENDING 10/31/22**

Start new year:		
Cohn Bimbaum Shea		10,000.00
Halloran & Sage		330,000.00
Kainen		30,000.00
CSWS Legal Reserve-NAES		200,000.00
	\$	570,000.00
7/13/22 BOD Meeting Cohn increase	\$	15,000.00
10/12/22 BOD Meeting-H&S increase	\$	100,000.00
10/12/22 BOD Meeting-Kainen increa	\$	100,000.00
	\$	785,000.00

Cohn Bimbaun Shea

Käinön  
Hailioja & Särge

CSWS Legal Res

10/12/22 BOD M