



## MEMORANDUM

**TO:** MIRA Board of Directors  
**FROM:** James M. Hayden, Vice Chairman  
**DATE:** April 6, 2023  
**RE:** Notice of Regular Telephonic Meeting

---

There is a **regular telephonic** meeting of the Board of Directors of the Materials Innovation and Recycling Authority (MIRA) scheduled on **Wednesday, April 12, 2023 at 9:30 a.m.**

***Members of the public may attend the meeting telephonically by calling (929) 205-6099, entering Meeting ID: 852 3274 6408, and entering Passcode: 578423# 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 March 8, 2023 Regular Board Meeting (**Attachment 1**).
- IV. Review and Approve - Minutes of the March 27, 2023 Reconvened Meeting of the March 8, 2023 Regular Board Meeting (**Attachment 2**).
- V. Finance Committee Report
  - a. Review and Approve Resolution Regarding Approval of Spot Waste Solicitation Conducted March 2023 (**Attachment 3**).
- VI. South Meadows Transition Committee Report
  - a. Report on Presentation of South Meadows Property Transfer, Site Assessment and Remediation (**Attachment 4**).
  - b. Report on Presentation of South Meadows WTE Facility Shut Down and Energy Consumption (**Attachment 5**).
- VII. Chairman's and President's Report
  - a. Discussion of ISO New England Annual Submission (**Attachment 6**).
  - b. Attached Supplemental Information / Other Matters

# **ATTACHMENT 1**

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**March 8, 2023**

A Regular meeting of the Board of Directors of the Materials Innovation and Recycling Authority was held via Zoom on Wednesday, March 8, 2023. Present via audio or video conferencing were:

**Appointed Directors:**

Vice Chairman Jim Hayden  
Bert Hunter  
Susan Weisselberg  
Ed Mone  
Leonard Assard  
Dave Steuber  
Rich Soderman

**Ad Hoc Members:**

Luke Bronin

**Present from MIRA:**

Mark Daley, President & CFO  
Tom Gaffey, Director of Recycling and Enforcement  
Cheryl Kaminsky, Comptroller  
Roger Guzowski, Supply Chain Manager  
Dave Bodendorf, Manager of Engineering, Construction and Power Assets  
Chris Sheppard, Environmental Compliance Manager

**Others Present:**

Ann Catino, Halloran & Sage

Vice Chairman Hayden called the meeting officially to order at 9:31 a.m. and said that a quorum was present.

**PUBLIC PORTION**

Vice Chairman Hayden 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, Vice Chairman Hayden proceeded with the meeting.

# **1. APPROVAL OF THE MINUTES OF THE FEBRUARY 8, 2023 REGULAR BOARD MEETING**

Vice Chairman Hayden requested a motion on the aforementioned resolution. The motion was made by Director Hunter and seconded by Director Soderman. 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>
Vice Chairman Jim Hayden	X		
Carl Fortuna (Not in attendance)			
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 in attendance)			

# **2. REVIEW AND APPROVE DRAFT RESOLUTION APPROVING THE FISCAL YEAR 2023 AND FISCAL YEAR 2024 HARTFORD PILOT AGREEMENT**

Vice Chairman Hayden noted that this item requires a super majority which we do not have at this meeting and requested a motion to table pending availability of a super majority. The motion was made by Director Mone and seconded by Director Hunter. Director Steuber inquired as to the need for a super majority for this item but not for a budget adoption. Mr. Daley advised this is correct. Each year we adopt budgets with a majority which is followed by contract approvals providing for the payment. The contract requires a super majority as it exceeds \$50,000. 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>
Vice Chairman Jim Hayden	X		
Carl Fortuna (Not in attendance)			
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 in attendance)			

**3. REVIEW AND APPROVE DRAFT RESOLUTION ESTABLISHING AN INITIAL SOUTH MEADOWS TRANSITION CONTINGENCY RESERVE**

Vice Chairman Hayden requested a motion on the aforementioned resolution. The motion was made by Director Hunter and seconded by Director Mone.

**WHEREAS**, MIRA encouraged 21 CSWS Participating Municipalities to enter into a certain Second Amendment to their Tier 1 Long Term Municipal Solid Waste Management Services Agreement by offering to provide for the continued use of the CSWS Tip Fee Stabilization Fund to the extent feasible and necessary to reduce Disposal Fees to the levels projected in such Second Amendment; and

**WHEREAS**, Such Second Amendment projection of Disposal Fees reflected the use of Tip Fee Stabilization Funds totaling \$12,313,422 to reduce Disposal Fees to projected levels for fiscal years 2024, 2025, 2026 and 2027; and

**WHEREAS**, MIRA previously authorized transfers to the Tip Fee Stabilization Fund from Property Division income which has been drawn upon and refunded by the CSWS Participating Municipalities in accordance with MIRA's Flow of Funds procedures leaving a balance of \$13,420,370 as of December 31, 2023 which, together with funds available in the CSWS operating and major maintenance accounts, exceed funds necessary to reduce Disposal Fees to the levels projected through June 30, 2027; and

**WHEREAS**, Effective July 1, 2023, the CSWS shall comprise operation and management of the Torrington and Essex Transfer Stations and the provision of municipal solid waste and recycling transportation, disposal and processing services to its remaining CSWS Participating Municipalities; and

**WHEREAS**, Effective July 1, 2023, CSWS closed facilities including the Watertown and Ellington Transfer Stations, Hartford Recycling Facility and Waste to Energy ("WTE") Facility shall be transferred to MIRA's Property Division and funded for maintenance, preservation and decommissioning pending policy decisions concerning their future use; and

**WHEREAS**, Management has determined that certain funds available within the CSWS Operating and Major Maintenance accounts may properly be made available for continued work at the WTE Facility including and South Meadows site.

**NOW THEREFORE**, be it

**RESOLVED:** That management is hereby directed to establish a South Meadows Transition Contingency Reserve within the State Treasurer's Short Term Investment Fund ("STIF").

**FURTHER RESOLVED:** That management is directed to transfer the sum of one million five hundred thousand dollars (\$1,500,000) from the CSWS Operating Account into such a South Meadows Transition Contingency Reserve.

**FURTHER RESOLVED:** That management is directed to transfer the sum of four million dollars (\$4,000,000) from the CSWS Major Maintenance Fund into such a South Meadows Transition Contingency Reserve.

**FURTHER RESOLVED:** That interest earnings on such Contingency Reserve shall be transferred to the CSWS Operating Account.

**FURTHER RESOLVED:** No funds shall be expended from such South Meadows Transition Contingency Reserve until such time as MIRA's statutory authority is clarified to permit evaluation of future use options for South Meadows, site preparation and mitigation consistent with those options.

Mr. Daley stated that this is the resolution previously discussed with the Finance Committee and Board that would establish an initial South Meadows Transition Contingency Reserve. This is somewhat of a companion to the prior establishment of the South Meadows Transition Committee which had its first meeting last week. We discussed both of these initiatives at our Town meeting held on February 21. We then also discussed them at the Speakers Summit held on February 23. And on February 27 we distributed the presentation made at the Speaker's Summit and MIRA's oral testimony on HB 6664 to the participating municipalities noting the transition contingency reserve will be discussed at this month's meetings and we requested their support.

Mr. Daley added that we have described these actions as some of the areas where MIRA was in alignment (or in the process of aligning) with some of the objectives in HB 6664. We are concerned that some aspects of the bill may be in conflict with valid interests the participating towns have in MIRA reserves and so this action is a step toward establishing common ground

among the multiple stakeholders in MIRA reserves. Those additional stakeholders would include Hartford, DEEP and possibly others. The resolution establishes a \$5.5 million reserve by transfer of funds from the CSWS major maintenance fund and operating account. He said interest on the new reserve would stay with CSWS because that was previously included in the CSWS budget for FY 2024. The amount of \$5.5 million can be viewed as reasonable in the context of WTE Facility Major Maintenance Funds not spent as the facility closed down. It can also be viewed as reasonable in light of over \$3 million in NAES funding returned to MIRA as the facility closed down and we reconciled accounts and included those funds in our account balances. Mr. Daley said at the end of the day the CSWS participating towns are kept whole in the amended MSA with approximately \$5.4 million remaining in the cash flow projection and funds available in the Property Division would exceed \$20 million before counting revenue from the sale of surplus property. He added that this was supported unanimously at Finance Committee.

Mr. Daley screen shared a cash flow projection depicting establishment of the reserve along with the proposed transfers to fund it and the basis for concluding the CSWS Participating Municipalities are kept whole under the MSA Amendment terms.

Director Hunter requested clarification this is an allocation of reserves and not authorization to expend. Mr. Daley stated that is correct and reflected in the resolution. Director Hunter requested further clarification that MIRA's future Board could change the amount of the reserve. Mr. Daley stated that is correct but the underlying issue of the Participating Municipalities valid interests in the funds would remain. Director Bronin requested clarification that, with respect to the approximate \$9 million remaining in the Property Division General Fund, those funds would be available for further mitigation of the site if that was determined appropriate in the future. Mr. Daley stated that was a correct. The Property Division funds are aimed at the non CSWS activities. Director Steuber added that the \$5.5 million should not be considered adequate to fully address the remediation needs of the site and that he does not believe statutory changes are needed to go further with the remediation.

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>
Vice Chairman Hayden	X		
Carl Fortuna (Not in attendance)			
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		

#### **4. REPORT ON PRESENTATION OF SOUTH MEADOWS SITE REMEDIATION BACKGROUND AND STATUS**

Vice Chairman Hayden noted that the P&P committee has now been transformed into the South Meadows Transition Committee which had its first meeting on the prior remediation efforts and opened the topic for discussion. Director Mone stated that the Committee is ready to take on this new role and much will be dependent on how the Governor's bill evolves.

Mr. Daley stated that we had our first presentation of MIRA's prior and ongoing efforts to undertake environmental mitigation at the South Meadows site. The presentation material is included in the Board package for informational purposes and it will be uploaded to our website. Chris Shepard did a great job with this with the intent of identifying issues for follow up at subsequent committee meetings. The report identifies remediation done under the transfer act when MIRA took title to the property in the spring of 2001. Based on the review at committee we are looking to follow up on a couple of items initially. First is on the background of remediation to the industrial versus residential standard. We also want to document the extent of test borings completed at the site. There is interest in further documenting easements and environmental land use restrictions and a possible tour.

Director Mone stated his understanding is that, at this stage, we have met the standards for remediation to the industrial standard and if there is a need to go further that is the why we have the funds just set aside in the South Meadows Transition Contingency Reserve. Mr. Daley stated we are essentially complete, but after the certification was submitted, some additional remediation was identified as necessary which will be undertaken shortly and we will then submit for certification again. Chris Shepard confirmed the location and nature of the additional remediation about to occur and process to resubmit for certification. Director Soderman stated it should be noted that MIRA has already paid \$26 million to TRC to be the certifying party so we have already put that money into remediation to the industrial standard and as part of this we also have an insurance policy for up to \$100 million for future covered discoveries. He inquired if it was possible to get a map of all the borings. Mr. Shepard stated he has made that request to TRC and hopes to have that for the next meeting. Mr. Daley stated we will be further drilling down to document the extent of further insurance coverage.

#### **5. REPORT ON PRESENTATION OF HARTFORD LANDFILL SITE REMEDIATION BACKGROUND AND STATUS**



Vice Chairman Hayden requested a report on the aforementioned presentation.

Mr. Daley stated we also had our first presentation of MIRA's prior efforts to properly clean up and close down the Hartford landfill. The presentation material is included in the Board package for informational purposes and it will be uploaded to our website. Dave Bodendorf did a great job with this with the same intent of identifying areas of interest. The work undertaken to protect groundwater was of interest including how MIRA created a bathtub beneath the landfill to prevent infiltration. The solar project was also of interest. We may schedule a tour of this as well.

Vice Chairman Hayden requested a brief screen share of the presentation. Mr. Bodendorf reviewed the history of the landfill prior to MIRA's takeover of it from the City of Hartford and MIRA's work to install environmental controls as part of its operation of the landfill. He also reviewed the work undertaken to properly close the landfill and install the 1 megawatt solar project on it.

Director Mone noted this was the means by which to cap the landfill and allows for expansion of the solar project. Mr. Bodendorf added that an expansion would be possible but require approval from DEEP. Director Soderman inquired as to the extent of settlement. Mr. Bodendorf stated it has been stable with some uniform settlement.

#### **6. REPORT ON SALE AND/OR SCRAP OF SURPLUS EQUIPMENT**

Vice Chairman Hayden requested a report on the aforementioned process.

Mr. Daley reminded the Board we have been through the proposed process with the P&P Committee and Board and that it may include use of our existing contract for scrap, competitive process for selection of a marketer for special equipment, and the competitive process for direct sales each starting with the presumption of at least \$50,000 in value for the purpose of establishing the competitive process to be followed. Mr. Daley added that at the last meeting the Board requested Ann Catino to review the proposed process. He said Roger Guzowski has provided Ms. Catino with the proposed process and she has reviewed it. Ms. Catino stated she reviewed it and we can sell real and personal property under our statutes and the proposed process conforms to our established procedures which will be driven by the value. Specifically, contracts in excess of \$50,000 would require two thirds of the full Board. Mr. Daley stated we will continue to coordinate with the Transition Committee and Finance Committee on these sales and all revenue would be deposited to the Property Division General Fund

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

Vice Chairman Hayden requested that Mr. Daley provide the President's report.

Mr. Daley stated he had a number of items he would go through quickly.

He stated that our move from Rocky Hill to the WPF office went smoothly and we are up and running at the new WPF offices. He thanked everyone for all their hard work in accomplishing the move and adhering to the State records retention requirements. He said 5 towns took advantage of our surplus furniture and equipment made available.

Mr. Daley briefed the Board on our town meeting held February 21. He said we had good attendance and briefed the towns on the FY 2024 budget as well as HB 6664 areas of agreement and areas needing further discussion.

Mr. Daley also briefed the Board on MIRA's attendance at the Speakers Summit on waste management held February 23 where MIRA presented its views on the unsuccessful conclusion of Resource Rediscovery and again addressed HB 6664 areas of agreement and areas needing further discussion.

Mr. Daley also briefed the Board on MIRA's Oral Testimony on HB 6664 which he and Vice Chairman Hayden provided on February 27 adding that we are preparing detail follow up material for future meetings on the subject.

He added that on February 28 MIRA did provide formal notice of the tip fee adopted for FY 2024 to the CSWS Participating Municipalities.

Vice Chairman Hayden stated that MIRA's testimony on HB 6664 went well and we are looking forward to further conversation with the Environment Committee, DEEP and the Governor's office to help determine the future of waste management in the State.

## **8. EXECUTIVE SESSION**

Vice Chairman Hayden stated the next item on the agenda is to enter Executive Session to discuss pending RFPs and feasibility estimates and evaluations relative to prospective public supply contracts, including MIRA RFP's and prospective contracts for Connecticut Solid Waste System Recycling Services and the impact of same upon MIRA's FY2024 operating and capital budgets. Mr. Daley requested that Ann Catino, Tom Gaffey and Roger Guzowski attend the Executive Session in addition to himself and the directors. Vice Chairman Hayden inquired if any votes would be taken after the Executive Session. Mr. Daley stated that there may be a vote on one item after the Executive Session. The motion to enter Executive Session was made by Director Hunter and seconded by Director Mone.

The foregoing motion was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman Hayden	X		
Carl Fortuna (Not in attendance)			
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 (No longer in attendance)			

The Executive Session commenced at 10:30 and concluded at 11:55

#### **9. RESOLUTION REGARDING RECYCLING SERVICES**

Vice Chairman Hayden requested a motion to add the aforementioned item to the agenda. The motion was made by Director Mone and seconded by Director Hunter. The motion was approved by roll call as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman Hayden	X		
Carl Fortuna (Not in attendance)			
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 (No longer in attendance)			

#### **10. RESOLUTION REGARDING RECYCLING SERVICES**

Vice Chairman Hayden requested a motion on the aforementioned resolution. The motion was made by Director Hunter and seconded by Director Mone. Mr. Daley screen shared the resolution which was read into the record by Vice Chairman Hayden.

**WHEREAS**, The Materials Innovation and Recycling Authority (Authority) issued a Request for Proposals for Connecticut Solid Waste System Recycling Services (“Recycling RFP”) on January 19,2023; and

**WHEREAS**, Such Recycling RFP stated that the Authority is assessing the economic viability of its current recycling operation and desires to achieve efficiencies by soliciting and re-designating a facility or facilities for the processing of single stream recycling; and

**WHEREAS**, Pursuant to the terms of the Recycling RFP, the Authority received three initial alternative proposals to its current recycling operation which are being evaluated and discussed further with such Proposers; and

**WHEREAS**, The Authority desires to determine the economic viability of such current recycling operations within the established contractual deadlines.

**NOW THEREFORE, be it**

**RESOLVED:** Provided the Authority determines efficiencies will be achieved by contracting with alternative Proposers as discussed in the meeting, the President is authorized to provide notice by April 1, 2023 that its current recycling operation is no longer viable pursuant to the terms of Section 4.2 of the Authority’s Transfer Agreement for Connecticut Solid Waste System Recycling Facility.

Vice Chairman Hayden inquired if there was any discussion needed for the resolution. Hearing none the resolution was approved by roll call as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman Hayden	X		
Carl Fortuna (Not in attendance)			
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 (No longer in attendance)			

## **11. ADJOURNMENT**

Vice Chairman Hayden requested a motion to adjourn and continue the regularly scheduled March 8, 2023 Board of Directors meeting on March 27, 2023 at 9:30 AM to continue to address the agenda items. The business of the Board will then be continued and taken up on March 27, 2023. The motion was made by Director Mone and seconded by Director Hunter. The motion was approved by roll call as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman Hayden	X		
Carl Fortuna (Not in attendance)			
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 (No longer in attendance)			

# **ATTACHMENT 2**



## **MATERIALS INNOVATION AND RECYCLING AUTHORITY**

**March 27, 2023**

The March 8, 2023 regular meeting of the Board of Directors of the Materials Innovation and Recycling Authority was reconvened via Zoom on Monday, March 27, 2023 to continue to address the agenda items. The business of the Board was continued and taken up on March 27, 2023. Present via audio or video conferencing were:

### **Appointed Directors:**

Vice Chairman Jim Hayden  
Carl Fortuna  
Bert Hunter  
Susan Weisselberg  
Ed Mone  
Leonard Assard  
Dave Steuber  
Rich Soderman

### **Ad Hoc Members:**

Luke Bronin

### **Present from MIRA:**

Mark Daley, President & CFO  
Tom Gaffey, Director of Recycling and Enforcement  
Cheryl Kaminsky, Comptroller  
Roger Guzowski, Supply Chain Manager  
Dave Bodendorf, Manager of Engineering, Construction and Power Assets  
Chris Sheppard, Environmental Compliance Manager

### **Others Present:**

Ann Catino, Halloran & Sage

Vice Chairman Hayden called the meeting officially to order at 9:31 a.m. and said that a quorum was present.

## **PUBLIC PORTION**

Vice Chairman Hayden 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.

Mr. Ed Spinella spoke in favor of a proposed Omnibus Amendment Agreement with MIRA as resolving a potential dispute over termination provisions included in MIRA's Transfer Agreement for the Connecticut Solid Waste System Recycling Facility with Murphy Road Recycling, LLC. He said this would also address other MIRA concerns over Murphy Road Recycling's ancillary uses of MIRA's Recycling Facility at 211 Murphy Road.

### **1. REVIEW AND APPROVE DRAFT RESOLUTION APPROVING THE FISCAL YEAR 2023 AND FISCAL YEAR 2024 HARTFORD PILOT AGREEMENT**

Vice Chairman Hayden requested a motion on the foregoing resolution. The motion was made by Director Mone second by Director Weisselberg.

**WHEREAS**, The Materials Innovation and Recycling Authority (Authority) has adopted its Fiscal Year 2023 Operating and Capital Budget for the Connecticut Solid Waste System (FY 2023 CSWS Budget); and

**WHEREAS**, Such FY 2023 CSWS Budget contemplated operation of its Waste to Energy Facility located in Hartford for a period of one month prior to its closure and included a Hartford PILOT payment in the amount of one million five hundred thousand dollars (\$1,500,000); and

**WHEREAS**, The Authority has adopted its Fiscal Year 2024 Operating and Capital Budgets for its Connecticut Solid Waste System and Property Division which budgets transferred the Waste to Energy Facility from the CSWS to the Property Division for preservation and maintenance funding pending policy decisions concerning its future use, which budgets did not include a PILOT Payment but contemplated subsequent action to approve a use of Property Division reserves funding a Hartford PILOT Payment; and

**WHEREAS**, Pursuant to a certain multi-year Agreement for Payments in Lieu of Taxes between the City of Hartford and the Authority dated November 27, 2013 and providing PILOT payments for the five fiscal years ending with fiscal year 2018 the Authority's PILOT Payment obligation is contingent on continued operation of the CSWS Waste to Energy Facility; and

**WHEREAS**, Such multi-year PILOT Agreement was followed by a series of one year agreements providing for a PILOT payment each fiscal year that the Waste to Energy Facility remained in operation; and

**WHEREAS**, Irrespective of the terms of the multi-year PILOT Agreement the Authority desires to establish and pay the City of Hartford a fiscal year 2024 PILOT in the amount of One Million Five Hundred Thousand Dollars (\$1,500,000) from available Property Division Reserves.

**NOW THEREFORE, be it**

**RESOLVED:** The President is authorized to enter into a PILOT Agreement with the CITY of Hartford providing for payment of the fiscal year 2023 PILOT as adopted in the FY 2023 CSWS Budget which agreement may further provide for payment of a fiscal year 2024 PILOT in the amount of One Million Five Hundred Thousand Dollars (\$1,500,000).

**FURTHER RESOLVED:** That management is authorized to draw One Million Five Hundred Thousand Dollars (\$1,500,000) from the Property Division General Fund for payment of such fiscal year 2024 PILOT.

Mr. Daley stated that this is the additional resolution we discussed last month as needed to address the Hartford PILOT which is now independent of the annual budget and the CSWS. We are dealing with two issues in the resolution. First is authority to contract for payment of the FY 2023 PILOT which was included in the adopted budget for FY 2023 in the amount of \$1.5 million when the plant operated for one month prior to shut down. Second is establishment of the amount of PILOT payment for FY 2024 and authority to contract for payment of that amount.

Mr. Daley stated we put together benchmarks for a possible PILOT payment which we reviewed at the March 1st Finance Committee meeting. We also had Director Steuber in attendance at the Finance Committee meeting and he shared his views and benchmarks for a possible PILOT. Committee Chairman Hunter subsequently requested we put together a summary presentation of the benchmarks and historical data reviewed, the recommendations going into Finance Committee as well as the discussions and additional information Director Steuber shared. Mr. Daley screen shared a presentation summarizing previous PILOT payments, benchmarks reviewed at the March 1<sup>st</sup> Finance Committee meeting, subsequent corrections to those benchmarks, the City of Hartford Benchmarks and a synopsis of prior discussions.

Mr. Daley stated that management recommended a PILOT of \$300,000 for FY 2024 at Finance Committee. This relied mostly on the PILOT payment rate of the neighboring Brainard Airport and also the land values and assessments for other private facilities in the area. He said Director Steuber correctly noted that the tax base value is 70% of market not 70% of assessed value so we made the necessary corrections there. He said at the end of the day a motion was made at Finance Committee to increase the PILOT from the \$300,000 recommendation to the historical level of \$1.5 million which is reflected in the resolution put forward to the full Board.

The directors held a comprehensive discussion of the PILOT. The directors discussed the rationale to continue the PILOT after the Waste to Energy Facility was shut down irrespective of a prior agreement that it be discontinued at that time. The directors also discussed the PILOT payment was being made from reserves that otherwise would be available for maintenance or remediation of closed facilities including the Waste to Energy Facility. The directors and Ann Catino discussed the legal basis for the PILOT payment. The directors further discussed the loss of tax revenue that would have to be borne by other Hartford tax payers if the PILOT was eliminated or reduced, including the benefits enjoyed by many municipalities over a period of years through the site's prior use as a Waste to Energy Facility, and the burden that tax exempt properties place on municipalities. The PILOT that would be paid if the site was owned by the State was also discussed. The directors discussed MIRA's PILOT relative to no PILOTs paid by MDC and lower PILOT rates paid for Brainard Airport. The voting requirements for budget adoption versus PILOT payment contracting were also discussed. Further discussions addressed

potential changes to the composition of the Authority and its Board and how that may factor into decision making. Motions to amend the proposed resolution to provide contingencies for future legislative actions or future Boards were discussed but not advanced.

Following the comprehensive discussion of the PILOT, Vice Chairman Hayden called for a vote on the resolution as originally included in the Board of Director's package for the March 8, 2023 meeting as stated above. 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>
Vice Chairman 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		

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

Vice Chairman Hayden requested that Mr. Daley provide the President's report.

Mr. Daley stated at March 8th meeting he mentioned we sent our tip fee notice to the towns on February 28<sup>th</sup>. He said that notice prompted a call from the town of DEEP River which is one of our two Tier 1 Long Term customers. This is because we did not have a record of them sending back the MSA Amendment. The town was calling to advise MIRA they had intended to sign and thought they were all set. Mr. Daley stated he took a look back at the resolution adopted December 20, 2021 for the MSA Amendment and it authorized the President to sign amendments with all CSWS Participating Municipalities. He said since DEEP River remains a participating municipality he plans on signing the amendment for them based on the existing authority but felt this should be noted this for the record. There were no comments or questions.

Mr. Daley added that we have had several follow up calls on the testimony Vice Chairman Hayden and he provided on HB 6664. First was on March 16<sup>th</sup> with Senator Lopes and Representative Gresko and the second was on March 20<sup>th</sup> with Senator Harding. He said in each of those meetings we discussed the topics addressed at the Speaker's Summit and our town meeting outlining areas where MIRA was aligned with the bill and areas we would like to discuss further. He added that we then followed up on those meetings with proposed written changes to the bill that would resolve MIRA concerns over treatment of MIRA reserves. The changes would also reestablish MIRA's statutory authority to partner with DEEP rather than provide DEEP with additional conflicting roles in the development, operation and financing of waste management projects it also regulates. MIRA's changes would also maintain continuity on the Board and not establish DAS as the successor to the new waste authority. Vice Chairman Hayden stated the participation in the legislative process has been exhilarating and our points have been made.

### **3. EXECUTIVE SESSION**

Vice Chairman Hayden stated the next item on the agenda is to enter Executive Session to discuss pending RFPs and feasibility estimates and evaluations relative to prospective public supply contracts, including MIRA RFP's and prospective contracts for Connecticut Solid Waste System Recycling Services and the impact of same upon MIRA's FY2024 operating and capital budgets which would also include discussion of MRR contracts. The motion to enter Executive Session was made by Director Weisselberg and seconded by Director Hunter. Mr. Daley requested that Ann Catino, Tom Gaffey and Roger Guzowski attend the Executive Session in addition to himself and the directors. Vice Chairman Hayden stated a vote is anticipated following the Executive Session.

The foregoing motion was approved by roll call vote as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman 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 (No longer in attendance)			
---------------------------------------	--	--	--

The Executive Session commenced at 10:30 and concluded at 11:09

#### **4. RESOLUTION REGARDING CSWS RECYCLING SERVICES**

Vice Chairman Hayden requested a motion on the aforementioned item. The motion was made by Director Mone and seconded by Director Assard.

Mr. Daley noted we have had discussions with MRR concerning the recycling transfer agreement as well as the scale use and rail car storage agreements mentioned by Ed Spinella at the beginning of the meeting. Management is prepared to recommend and proceed with their revision as described in the Omnibus Amendment Agreement. Those changes are in MIRA's best interests and result in the most competitive total cost relative to the recycling RFP we just went through.

Mr. Daley inquired of Ann Catino if the proposed resolution being screen shared should be read into the record. Ms. Catino agreed it should. The proposed resolution was read into the record as follows:

**WHEREAS**, The Materials Innovation and Recycling Authority (Authority) issued a Request for Proposals for Connecticut Solid Waste System Recycling Services ("Recycling RFP") on January 19, 2023; and

**WHEREAS**, Such Recycling RFP stated that the Authority is assessing the economic viability of its current recycling operation and desires to achieve efficiencies by soliciting and re-designating a facility or facilities for the processing of single stream recycling; and

**WHEREAS**, Pursuant to the terms of the Recycling RFP, the Authority received three initial alternative proposals to its current recycling operation which are being evaluated and discussed further with such Proposers; and

**WHEREAS**, The President has previously been authorized by this Board to provide notice by April 1, 2023 that its current recycling operation is no longer viable pursuant to the terms of Section 4.2 of the Authority's Transfer Agreement for Connecticut Solid Waste System Recycling Facility with Murphy Road Recycling ("Recycling Transfer Agreement") provided the Authority determines efficiencies will be achieved by contracting with alternative Proposers; and

**WHEREAS**, Murphy Road Recycling has proposed and consented to a series of modifications to such Recycling Transfer Agreement including i) vacating and unencumbering the Authority's Recycling Facility at 211 Murphy Road in Hartford so that it may be put to a future productive use, ii) reducing the Fixed Fee paid under such Recycling Transfer Agreement, iii) additional termination and assignment provisions that would provide certain conveniences to the Authority to allow it to transition, and to orderly evolve its roles, responsibilities and properties, and iv) incorporation and modification of termination provisions associated with Murphy Road Recycling's ancillary use agreements affecting 211 and 171 Murphy Road that will complete



unencumbering the Recycling Facility so that it may be put to a future productive use (the "Omnibus Amendment Agreement") attached hereto as Exhibit A; and

**WHEREAS**, the Authority hereby determines, that relative to such Omnibus Amendment Agreement, efficiencies will not be achieved by contracting with alternative Proposers at this time.

**NOW THEREFORE, be it**

**RESOLVED:** The President is authorized to enter into the Omnibus Amendment Agreement with Murphy Road Recycling as discussed and presented in this meeting.

Vice Chairman Hayden inquired if there was any further discussion on this item. Hearing none the motion was approved by roll call as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman 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 (No longer in attendance)			

## **5. ADJOURNMENT**

Vice Chairman Hayden requested a motion to adjourn the meeting at 11:15. The motion was made by Director Assard and seconded by Director Weisselberg. The motion was approved unanimously:

# **ATTACHMENT 3**

*RECOMMENDED RESOLUTION FOR MIRA BOARD OF DIRECTORS*

**RESOLUTION REGARDING A MARKET DRIVEN SALE OF SPOT  
WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE  
FOR THE CONNECTICUT SOLID WASTE SYSTEM TO  
MINIMIZE A WASTE DELIVERY COMMITMENT SHORTFALL**

**RESOLVED:** That the President is hereby authorized to select A Spot Waste delivery offer that is responsive to the needs of the CSWS to minimize a waste delivery shortfall in accordance with Internal Management Procedure No. 410 to ensure the desired optimal operation of the facility, substantially as discussed and presented at this meeting, and;

**FURTHER RESOLVED:** that the President is authorized to select the Spot Waste delivery offer from Eastern Transfer Station, LLC. for delivery of MSW to Covanta Sustainable Solutions, LLC; substantially as presented and discussed at this meeting.

## **Materials Innovation & Recycling Authority**

### **Summary for: MARKET DRIVEN SALE OF SPOT WASTE DISPOSAL CAPACITY FOR MUNICIPAL SOLID WASTE FOR THE CSWS TO MINIMIZE A WASTE DELIVERY COMMITMENT SHORTFALL**

Presented to the MIRA Board on:	April 12, 2023
Vendor/ Contractor(s):	Eastern Transfer Station, LLC
Effective date:	As soon as Eastern Transfer Station haulers are set up in Covanta's scale software system. Expected to be not later than April 3, 2023
Contract Type/Subject matter:	Market Driven Purchase: Spot Disposal Capacity Sale of 280 tons/week of MSW (approx. 3,360 tons by June 30, 2023)
Facility Affected:	CSWS
Term:	From the Effective Date through June 30, 2023.
Contract Dollar Value:	\$252,000 (approximately) (3,360 tons at \$75.00 per ton)
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Delivery of approximately 280 tons of MSW per week to Covanta Sustainable Solutions, LLC
Other Pertinent Provisions:	MIRA can terminate deliveries at any time at its sole discretion

# **Materials Innovation & Recycling Authority**

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

*April 12, 2023*

### **Executive Summary**

MIRA has a contract with Covanta Sustainable Solutions, LLC (“Covanta”) for the delivery of MSW to its Preston Waste to Energy Facility. The contract contains an annual delivery commitment of 40,000 tons, which if not met, carries a \$50.00/ton annual shortfall penalty. The Spot Waste Agreement with Eastern Transfer Station, LLC will mitigate some of this penalty. MIRA conducted a Spot Disposal Capacity Solicitation and Sale initiative on March 15, 2023 in accordance with Internal Management Procedure No. 410 (Spot Waste Procedure).

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

### **Discussion**

In its Agreement For Disposal Of Municipal Solid Waste with Covanta Sustainable Solutions, LLC, MIRA agreed to deliver or cause to be delivered 40,000 tons of MSW per contract year through the term of the Agreement, excepting that the first year was prorated to 33,333 tons to accommodate a 2-month transition period from July 1, 2022 through August 31, 2022 (Year 1 of the agreement is only 10 months, beginning at the end of the Transition Period and ending on June 30, 2023). Failing to meet that annual delivery commitment triggers a \$50/ton annual shortfall penalty in accordance with the terms of the Agreement.

MIRA’s intention has been to meet that obligation by delivering to Covanta all tons of MSW received at MIRA’s Essex Transfer Station. However, in FY23 deliveries to-date from within the Tier 1 municipalities whose designated facility is the Essex Transfer Station have been less than historical and as a result, MIRA is projecting to be short of its annual delivery commitment to Covanta.

While the exact shortfall will depend on the amount of MSW delivered from the MSA municipalities whose designated transfer station is the Essex Transfer Station (there is

some seasonal fluctuation in the waste from those municipalities), based on the rate of deliveries through March 15, 2023 MIRA is expecting to be as much as 6,000 tons of MSW short of its annual commitment.

As such, to mitigate its shortfall, on March 15, 2023, MIRA solicited for spot waste deliveries of non-MSA MSW for a period to continue through June 30, 2023. MIRA set a price floor of \$75.00 per ton. MIRA emailed all known potential customers a solicitation for Spot Waste in accordance with the Spot Waste Procedure.

MIRA received two responses:

- An offer from the Eastern Transfer Station to deliver 280 tons per week directly to Covanta Preston at a payment to MIRA of \$75/ton.
- An offer from Hometown Waste to deliver 280 tons per week directly to Covanta Preston at a payment to MIRA of \$75/ton.



### **Financial Summary**

In its Agreement For Disposal Of Municipal Solid Waste with Covanta Sustainable Solutions, LLC, MIRA has a variable tip fee each month based on the number of tons it delivers to Covanta's Preston facility.

For the first 3,400 tons of waste each month, MIRA is charged \$95/ton.

For deliveries between 3,400 and 4,000 each month, MIRA is charged \$105/ton.

Presuming that deliveries from MSA municipalities are 2,700-2,800 per month, the first 600-700 of tons of spot waste that MIRA accepts will be at a net savings of \$30/ton (MIRA will receive \$20/ton less in spot payments than it will pay in \$95 tip fee, but will avoid \$50 worth of shortfall penalty for each of those tons). The remaining tons of spot waste will be at a savings of \$20/ton ((MIRA will receive \$30/ton less in spot payments than it will pay in \$105 tip fee, but will avoid \$50 worth of shortfall penalty for each of those tons).

At 280 tons/week, MIRA is expecting to receive 1120 tons per month of spot waste thereby reducing its potential delivery shortfall penalty by approximately \$86,700 assuming:

- 650 tons per month with savings of \$30 per ton
- 470 tons per month with savings of \$20 per ton
- Total of 1,120 tons per month for three months.

# **ATTACHMENT 4**

# Remediation Of South Meadows

Property Transfer, Site  
Assessment and Remediation

April 2023



# Property Transfer

- Property transferred from CL&P to CRRA in 2001
- Real property (~80 acres), and personal property (Jet Turbine Facility and Electric Generating Facility)
- The transfer created an obligation to investigate and remediate any pollution caused by releases on the 80-acres of real property
- Due diligence - CRRA and CL&P conducted environmental site assessment work in 1998 and 1999, prior to property transfer



# Due Diligence

- CRRA and CL&P each employed independent consultants to conduct Phase I and II environmental site assessments
  - Phase I - Summarized current and historic uses of the property and surrounding properties (industrial/commercial), and identified potential releases to the environment from site uses
  - Phase II – Soil and groundwater investigations to confirm whether or not releases to the environment have occurred
  - Note: Phase II data was shared between the consultants
- Results of due diligence informed CRRA's and CL&P's decisions regarding environmental liabilities and property sale price
- Results of due diligence informed CRRA's and TRC's decisions regarding current and potential future uses, scope of remediation, applicability of industrial/commercial standards, and price for Exit Strategy contract



# Site Assessment

Site assessment guided by CT-DEEP Guidance Documents for Site Assessment

- Transfer Act Site Assessment (TASA) Guidance Document – Issued 6/1989, Revised 11/1991
- Site Characterization Guidance Document (SCGD)
  - Superseded TASA
  - Draft - 6/2000, Final – 9/2007, Revised – 12/2010
- Not Prescriptive - Describes “approach and standard of care for designing, conducting, and documenting site characterization in accordance with prevailing standards and guidelines”
- Does not provide guidance on compliance with Remediation Standard Regulations





# Site Assessment

Three Phases - Phases I and II completed prior to property transfer

- Phase I – Review of Current and Historical Site Uses and Activities to Identify Areas of Concern (AOCs)
  - October 1998 by HRP Associates, Inc. for CRRA
  - March 1999 by Metcalf & Eddy, Inc. for CL&P
- Phase II – Collection of Samples/Data from Each AOC to Determine Whether or Not a Release to the Environment Has Occurred
  - June 1999 by HRP Associates, Inc. for CRRA
  - July 1999 by Metcalf & Eddy, Inc. for CL&P

## Phase II Soil Samples

Table 2.1

[illegible]

## Phase II Groundwater Samples

Table 2.2

[illegible]



# TRC Remediation Obligations

Under the Exit Strategy Contract, TRC obligations pertaining to remediation goals include:

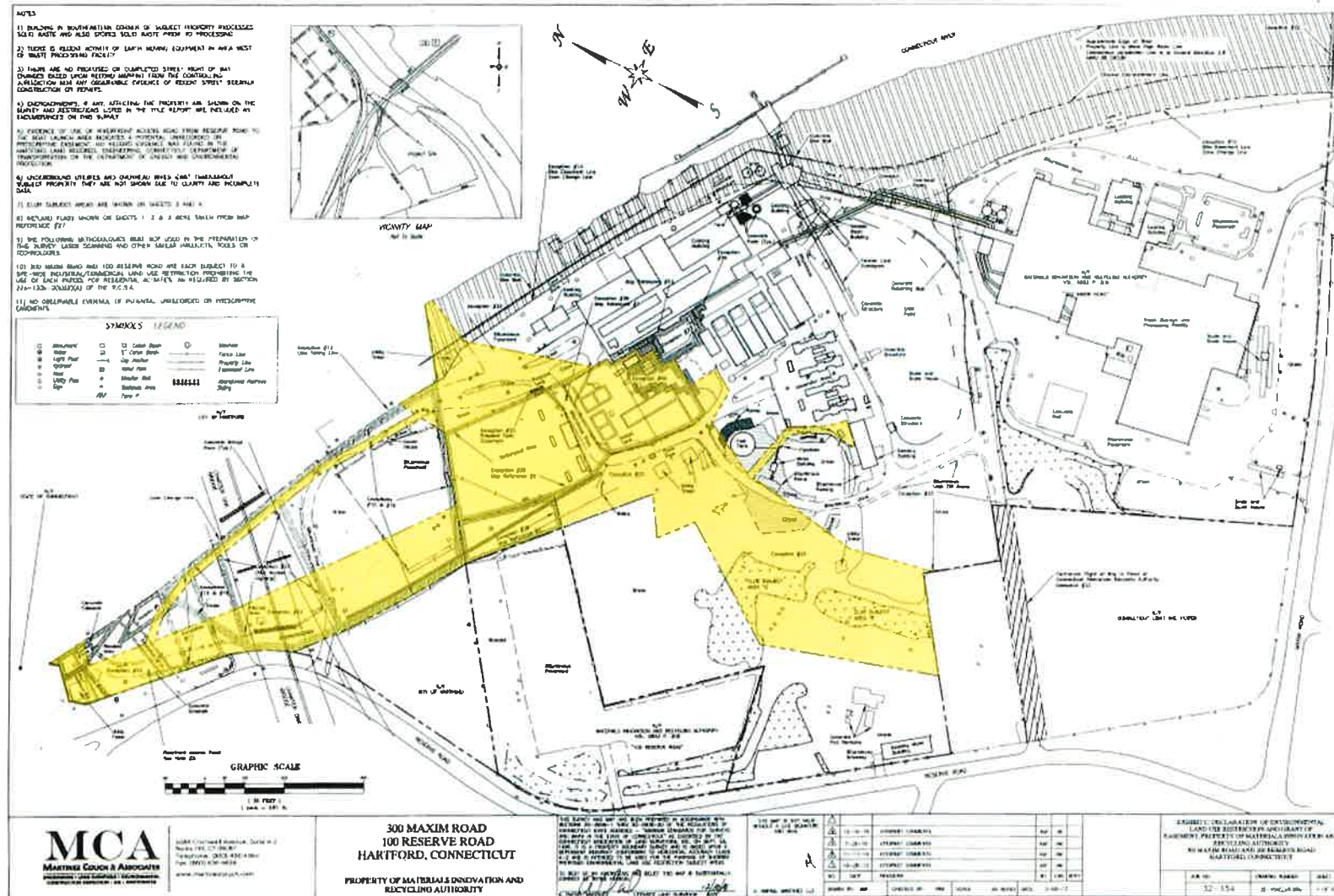
- “Selecting and utilizing Remediation methods, including but not limited to engineered controls, that will allow the fullest practicable ongoing use of the Site for electricity generation and the other uses identified in the Development Plan described in Exhibit F.”
- “Completing all activities required to obtain any necessary (ELURs), which ELURs may not materially interfere with the uses identified in the Development Plan, or with CL&P’s use of the Reserved Easements or the Retained Parcel.”



# Development Plan from Exit Strategy Contract



# CL&P Reserved Easements



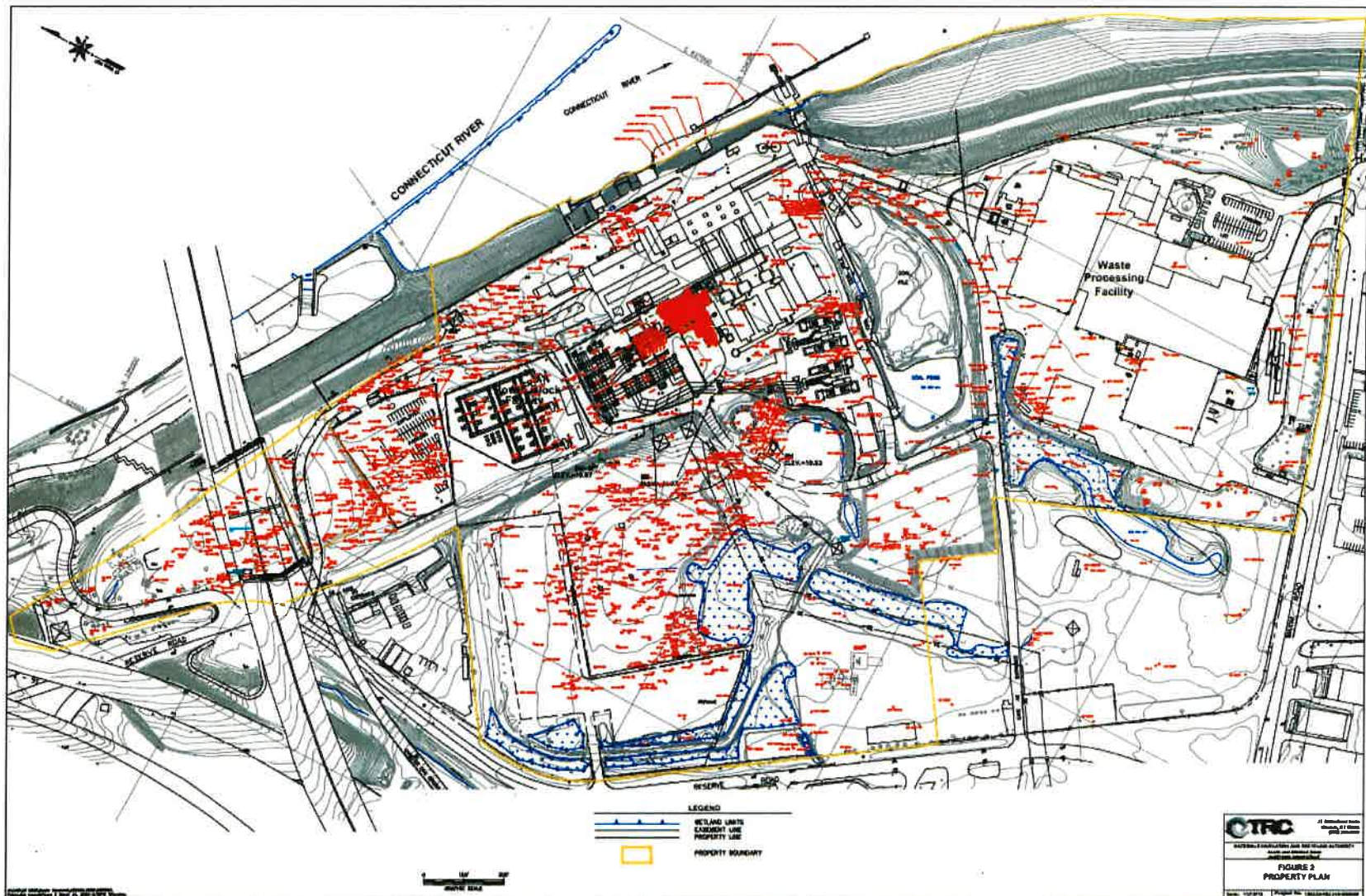




# Site Assessment

- Phase III – Investigation to Determine the Nature, Degree and Extent of Contamination from Each Release
  - Completed by TRC as a requirement of the Exit Strategy contract
  - 120 soil samples, 17 groundwater samples, and 27 concrete samples
  - September 2002 report, with June 2003 Supplement
- Total samples of environmental media collected for site characterization (Phase II and III investigations):
  - 470 soil samples
  - 133 groundwater samples
- Note: *Additional, “confirmatory” soil sampling was conducted following soil excavation for remediation at typical frequencies of:*
  - *1 sample per 200 square feet of excavation footprint area*
  - *1 sample per 20 linear feet of excavation sidewall length*

# Phase II and III Soil Sample Locations







# South Meadows Conceptual Site Model (CSM)

CT-DEEP guidance (SCGD) promotes “Conceptual Site Model” (CSM) approach to site characterization

- Narrative description of a site’s environmental profile based on the results of the Phase I/II/III site assessments and all remediation completed
- Iterative process – CSM is adjusted and refined as more data and information becomes available
- Explains the distribution of contaminants in the context of site’s environmental setting
- Identifies potential receptors, and explains the fate, transport mechanisms and pathways of contaminants to those potential receptors



# South Meadows CSM

## Environmental Setting

- Connecticut River flood plain until power plant constructed early 1920s
- Historic placement of fill and other debris raised grades 20+ feet in eastern, northern and southern portions of property
- Groundwater generally flows easterly, to the Connecticut River
- Hydrologic impacts from flood control dike
  - Sheet piling of flood control dike inhibits hydraulic communication between site groundwater and River
  - Stormwater runoff from eastern portion of site re-directed to the western portion of the site where it recharges groundwater
- Industrial/commercial property and area
- Groundwater class GB – not intended for drinking water supply, and no groundwater users within 500' of property boundaries
- Public water and sewer are available



# South Meadows CSM

Primary site soil contaminants encountered and addressed through remediation include:

- Arsenic from coal ash-laden fill in eastern, northern and southern portions of property (between 2' and 20' below grade)
- Other contaminants associated with historic fill
  - Lead and Asbestos in Area 3
  - Vanadium in Area 1-6
- Mercury under Mercury Boiler Building due to drain/pipe leaks
- Petroleum hydrocarbons from petroleum fuel releases during storage (fuel farm), historic road oiling
- PCBs from oil releases in switchyards, fill in Area 3-3 (upcoming remediation)
- Remediation of soil contamination has included excavation and off-site disposal, as well as rendering remaining contaminants in soil inaccessible with soil, pavement and/or engineered controls



# South Meadows CSM

Contaminants associated with potential groundwater impacts encountered and addressed through remediation include:

- Petroleum hydrocarbon impacts to groundwater from fuel farm releases remediated (source removal and pump-and-treat completed)
- Engineered controls approved by CT-DEEP environmentally isolate soil contamination (prevent water infiltration) in certain areas
  - PCBs (former switchyard area PBF-3, upcoming remediation of Area 3-3)
  - Petroleum (historic underground fuel pipeline leak)
- Other groundwater contaminants evaluated include arsenic, beryllium, cadmium, lead, zinc and phenanthrene
- Contaminant concentrations in groundwater are stable and meet Surface Water Protection Criteria from the Remediation Standard Regulations



## Area 3-3 Current Remediation Update

- Remedial Action Plan Consists of:
  - Soil Excavation and Off-Site Disposal
  - Engineered Control Over Eversource Duct Banks
- EPA Approved Remedial Action Plan on February 2, 2023
- CT-DEEP Approved Engineered Control on March 3, 2023
- Release of existing Environmental Land Use Restriction by CT-DEEP (to allow soil disturbance) is currently pending
- TRC Tentatively Scheduled to Mobilize to the Site During the Week of April 3, 2023
- Duration of on-site construction expected to be less than 6 months



## Area 3-3 Current Remediation Update

### After Remediation of Area 3-3 is Completed:

- ELUR Will Have to be Updated and Recorded on Land Records
- Verification Report Will Have to be Revised, Certified by a Licensed Environmental Professional (LEP) and Re-Submitted to DEEP
- DEEP Will Have 12 Months to Review and Issue a Verification Audit Notice

# **ATTACHMENT 5**



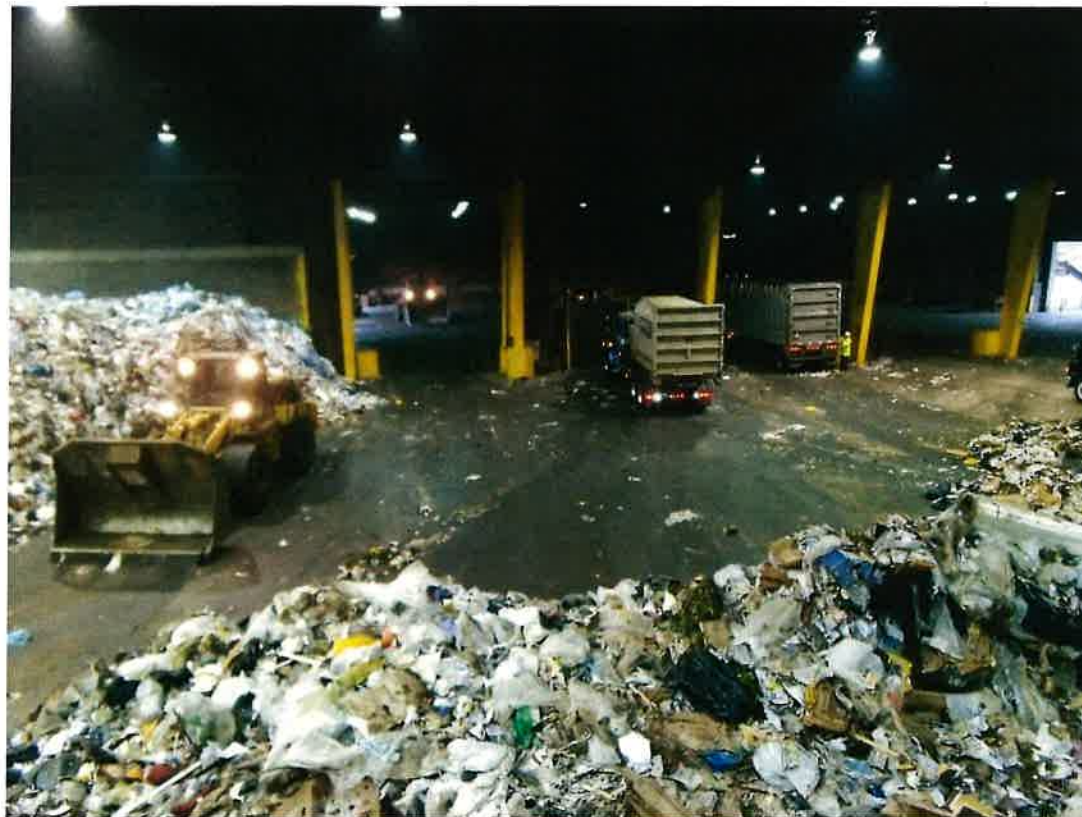
# South Meadows

## Status of WtE Facility Shutdown & Energy Consumption

April 2023

# Cessation of PBF/WPF Operations

- Final Load of Waste Delivered July 11, 2022
- Processing of Waste into RDF ended July 11, 2022



# Cessation of PBF/WPF Operations

- Combustion of RDF in Boilers ended July 19, 2022
- Final Load of Ash Shipped to Putnam August 5, 2022
- All Waste, RDF, and Ash has been Removed from Facility







# Tasks Completed Post Shutdown

- Cleaning
- Removal of lubricants
- Removal of Radioactive Devices
- Isolation of PBF Control Room
- Energy Consumption Minimization

# Tasks Completed Post Shutdown

- Cleaning

- Explosive Blasting of Boilers
- Air heaters and Spray Dryer Absorbers
- ID and FD Fans
- Baghouse Filter Bags
- Bottom and Fly Ash Conveyors
- Ash Loadout Building
- Slaker Building and Additive Feed Rooms
- Boiler house
- RDF Conveyors and Storage Area
- MSW Receiving and Processing Areas and Equipment



# Tasks Completed Post Shutdown

- Removal of Lubricants
  - Turbine Lube Oil
  - Auger Hydraulic Oil
  - Misc Gearbox Oil
  - Waste Oil

# Tasks Completed Post Shutdown

- Removal of Radioactive Devices (Pending)
  - Used to Measure Material Levels in Hoppers
  - 26 Total
  - 19 Difficult to Access
  - Contractor Lined-Up by NAES to Remove
  - NAES Working to Procure Man Lift for Difficult Access



# Tasks Completed Post Shutdown

- Isolation of Control Room
  - Control Room Operations Must Continue through May 31, 2023 (Jets)
  - Personnel Required to Staff Control Room 24/7
  - MIRA Requested and Received Approval From Fire Marshal to Limit Fire Suppression System Operation to PBF Control Room
    - New Valve Installed
    - New Small Compressor Installed
    - New Small Heat Source (no more parasitic heat from boilers)
  - Minimal Lighting Maintained for Control Room Access

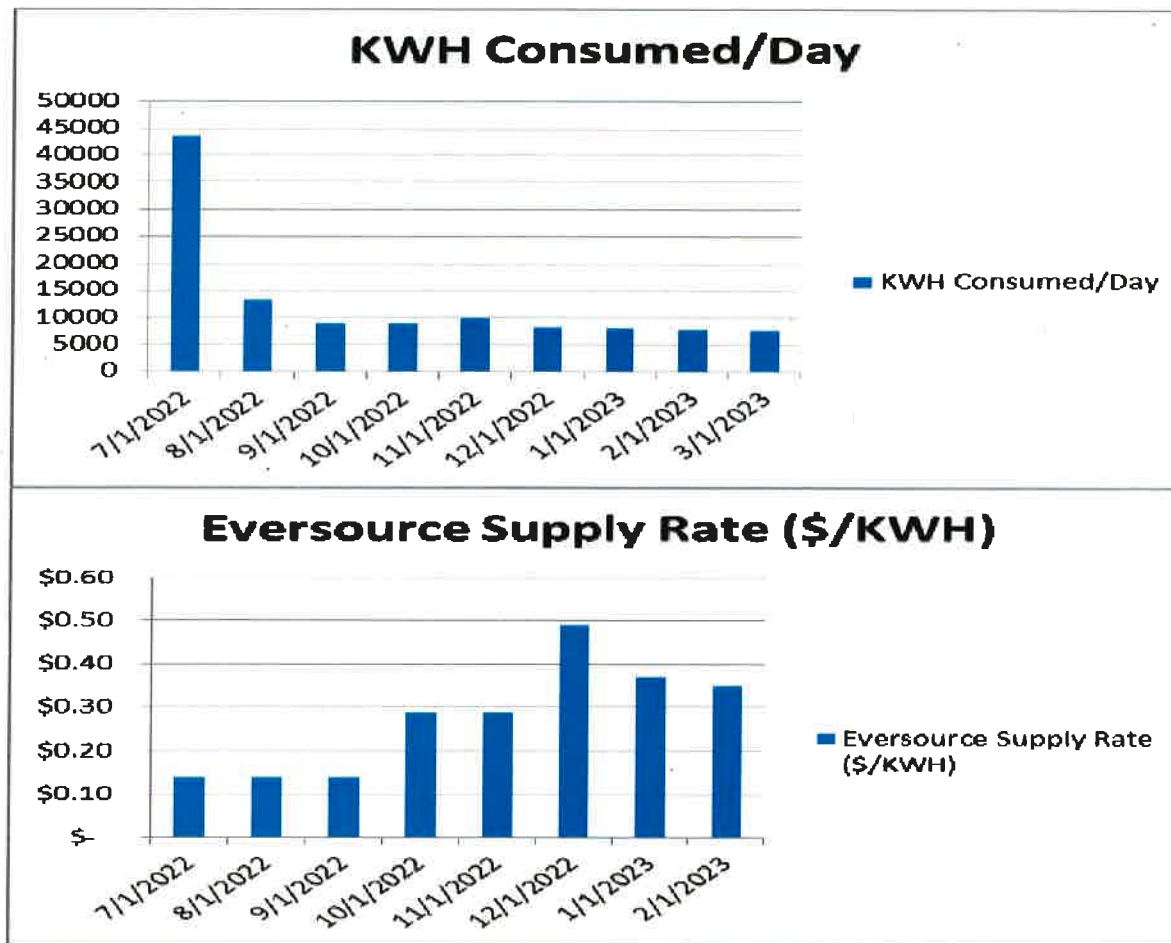


# Tasks Completed Post Shutdown

- Energy Consumption Minimization
  - Maintain Only Required Transformers/Circuits
  - De-energize Everything Else
  - Explore if New Service Can Further Minimize Power Use
    - Now Oversized Equipment Likely Inefficient

# Tasks Completed Post Shutdown

- Energy Consumption Minimization

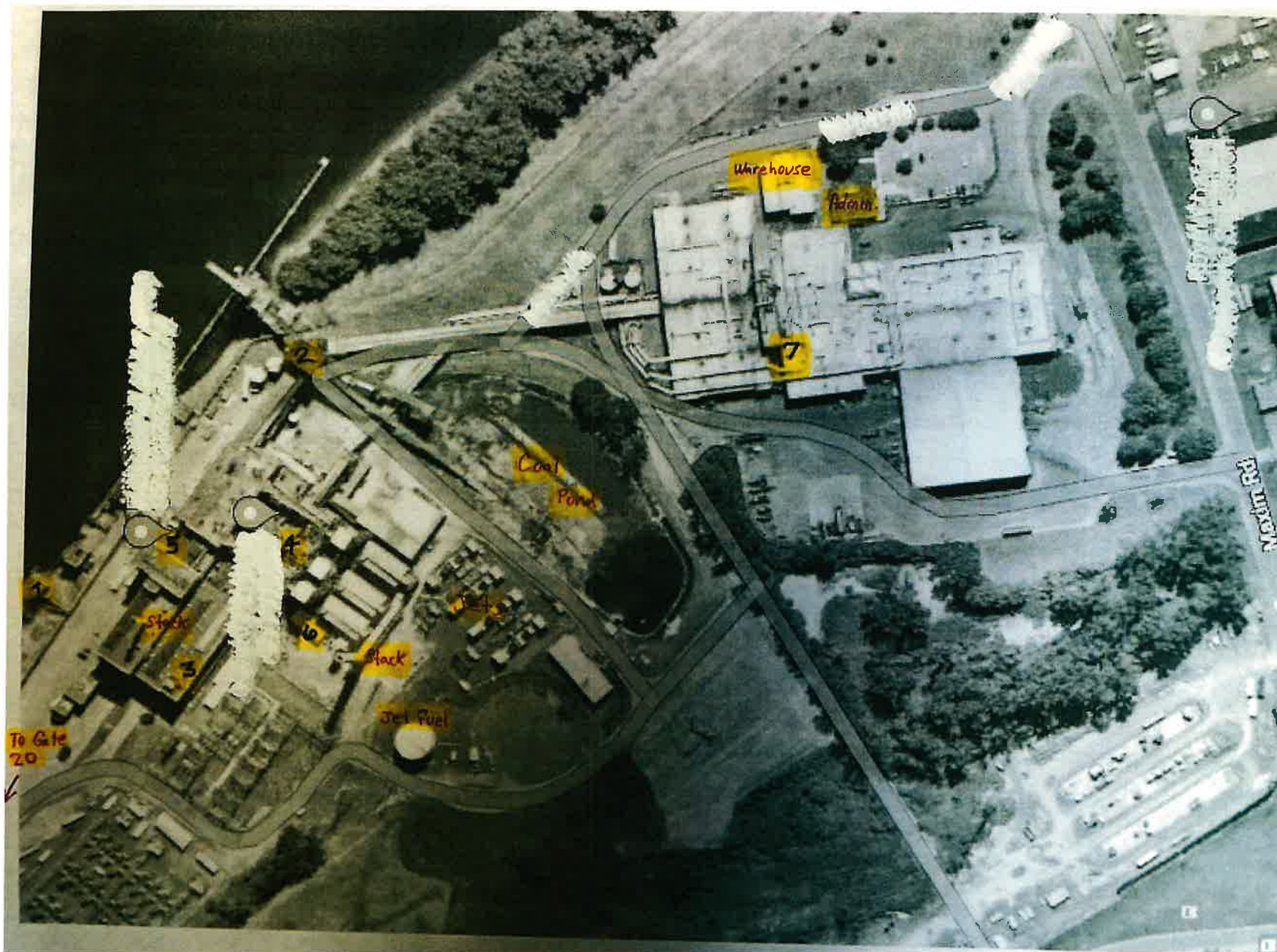


# Tasks Completed Post Shutdown

- Energy Consumption Minimization
  - Required Transformers/Circuits (Spread Across Site)
    - Fire Suppression System Coverage Reduced with Approval of Fire Marshal
      - Only Cover Currently Occupied Areas
    - Relocate Remaining NAES Staff to Jet Shop
    - Some Sump Pumps and Wastewater Discharge Pumps
    - Lights on Two Stacks (FAA Requirement)
    - Security Lighting and Security Gates
    - MIRA Admin Office and Warehouse (WPF Side)



# Required Circuit Locations





# Stacks Requiring Lights





# Tasks Completed Post Shutdown

- Energy Consumption Minimization
  - De-energize Everything Else
    - Motors
    - Fans
    - Compressors
    - Lights
    - Pumps



# Tasks Completed Post Shutdown

- Energy Consumption Minimization
  - Explore if New Service Can Further Minimize Power Use
    - Existing Distribution Service Significantly Oversized for Current Power Requirements
      - Step Down 115KV to 11KV to 4KV to 480V
    - Power for PBF/WPF is Fed Through Single Distribution Service on North Side of Property
    - Met with Eversource in January 2023 to Discuss Initial Ideas
      - 54 Week Lead Time for New Equipment
    - Identification of Critical Circuits Completed By NAES March 2023

# Next Steps

- Explore if New Service Can Further Minimize Power Use
  - Scheduled to Meet Eversource Again in Early April to Discuss Options
  - Engage Engineering Consultant
    - Estimate Expected Savings from New Service
    - Estimate Cost of New Service
      - How Costly to Feed Remote Circuits?
    - If Cost Effective - Provide Design Drawings and Specifications for New Service and Construct New Service

# **ATTACHMENT 6**

David Bodendorf

---

**From:** Market & Credit Risk Department <creditdepartment@iso-ne.com>  
**Sent:** Wednesday, March 01, 2023 2:37 PM  
**To:** Market & Credit Risk Department  
**Subject:** Attachment 6 Information Disclosure Form and Attachment 3 Minimum Criteria Officer Certification Form - 2023 ANNUAL SUBMISSION ~ 2nd REMINDER

**ISO-NE CONFIDENTIAL**

***2<sup>nd</sup> Reminder – If you've already submitted, please disregard.***

Hello:

Per Section II.A.1 and II.A.2 of the Financial Assurance Policy:

This notification serves as a reminder of your obligation to submit the Attachment 6 Minimum Criteria For Market Participation Information Disclosure Form and Attachment 3 ISO New England Minimum Criteria For Market Participation Officer Certification Form annually between January 1<sup>st</sup> and April 30<sup>th</sup>. Failure to comply with the Financial Assurance Policy (FAP) is considered a Financial Assurance Default and may result in an All Participants Notification and possible suspension and/or termination from participating in the ISO-NE Markets.

For detailed requirements related to these documents please refer to the 'Summary of Minimum Criteria for Market Participation' document on our website at <http://www.iso-ne.com/participate/applications-status-changes/financial-assurance-credit>.

Documentation is to be submitted through Customer and Asset Management System (CAMS).

For directions on how to submit through CAMS please contact customer support at (413) 540-4220 or [custserv@iso-ne.com](mailto:custserv@iso-ne.com).

Thank you,  
Market and Credit Risk Department

**ISO-NE CONFIDENTIAL USE**

For use by authorized recipients.

Do not release or disclose without appropriate authorization.

The information in this email and in any attachments is confidential and may be privileged. It is intended to be conveyed only to the designated recipient(s).

If you are not an intended recipient of this message, please delete the message and notify the sender at the above telephone number.

Unauthorized use, dissemination, distribution, or reproduction of this message is strictly prohibited and may be unlawful.



### ATTACHMENT 3

#### ISO NEW ENGLAND MINIMUM CRITERIA FOR MARKET PARTICIPATION OFFICER CERTIFICATION FORM

<b>Certifying Entity:</b>	
---------------------------	--

I, \_\_\_\_\_, a duly authorized Senior Officer of  
\_\_\_\_\_ ("Certifying Entity"), understanding that ISO New  
England Inc. is relying on this certification as evidence that Certifying Entity meets the minimum  
criteria for market participation requirements set forth in Sections II.A.2 and II.A.3 of the ISO New  
England Financial Assurance Policy (Exhibit IA to Section I of the ISO New England Transmission,  
Markets and Services Tariff) (the "Policy"), hereby certify that I have full authority to bind  
Certifying Entity and further certify as follows:

1. Certifying Entity has established or contracted for written policies, procedures, and controls applicable to participation in the New England Markets, approved by Certifying Entity's independent risk management function<sup>1</sup>, which provide an appropriate, comprehensive risk management framework that, at a minimum, clearly identifies and documents the range of risks to which Certifying Entity is exposed, including, but not limited to, credit risk, liquidity risk, concentration risk, default risk, operation risk, and market risk.
2. Certifying Entity has established or contracted for appropriate training of relevant personnel that is applicable to its participation in the New England Markets.
3. Certifying Entity has appropriate operating procedures and technical abilities to promptly and effectively respond to all ISO New England communications and directions.

I acknowledge that I have read and understand the provisions of the Policy, including those provisions describing ISO New England's minimum criteria for market participation requirements and the remedies available to ISO New England in the event of a customer or applicant not satisfying those requirements. I acknowledge that the information provided herein true, complete, and correct and is not misleading or incomplete for any reason, including by reason of omission.

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature)

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

<sup>1</sup> As used in this certification, a Certifying Entity's "independent risk management function" can include appropriate corporate persons or bodies that are independent of the Certifying Entity's trading functions, such as a risk management committee, a risk officer, a Certifying Entity's board or board committee, or a board or committee of the Certifying Entity's parent company.





**ATTACHMENT 6**  
**MINIMUM CRITERIA FOR MARKET PARTICIPATION**  
**INFORMATION DISCLOSURE FORM**

Date: 04/19/2023

Prepared by: David M . Bodendorf

Customer/Applicant:<sup>1</sup> Materials Innovation and Recycling Authority

I, Mark T. Daley, a duly authorized Senior Officer of the Materials Innovation and Recycling Authority ("Certifying Entity"), understanding that ISO New England Inc. ("ISO") is relying on this certification provided pursuant to Financial Assurance Policy Section II.A.1(a), hereby certify that I have full authority to bind Certifying Entity and further certify on behalf of Certifying Entity that the information contained herein is true, complete, and correct and is not misleading or incomplete for any reason, including by reason of omission:

1. List of all Principals.<sup>2</sup> Please discuss each Principal's relationship with the Certifying Entity and describe each Principal's previous experience related to participation in North American wholesale or retail energy markets or trading exchanges:

Name	Position	Experience
Mark T. Daley	President and CFO	Mr. Mark Daley's experience related to participation in North American wholesale or retail energy markets or trading exchanges is
Bert Hunter	Director	Director Hunter's experience related to participation in North American wholesale or retail energy markets or trading exchanges
Leonard Assard	Director	Director Assard's experience related to participation in North American wholesale or retail energy markets or trading exchanges is
Carl P. Fortuna Jr.	Director	Director Fortuna's experience related to participation in North American wholesale or retail energy markets or trading exchanges is
James M. Hayden	Director, Vice Chairman	Director Hayden's experience related to participation in North American wholesale or retail energy markets or trading exchanges is
Edmond Mone	Director	Director Mone's experience related to participation in North American wholesale or retail energy markets or trading exchanges is
Richard Soderman	Director	Director Soderman's experience related to participation in North American wholesale or retail energy markets or trading exchanges
David Steuber	Director	Director Steuber's experience related to participation in North American wholesale or retail energy markets or trading exchanges is
Susan Weisselberg	Director	Director Weisselberg's experience related to participation in North American wholesale or retail energy markets or trading exchanges is

Name	Position	Experience

<sup>1</sup> Customer and Applicant are each defined in Section II.A of the ISO New England Financial Assurance Policy, Exhibit 1A to Section 1 of the ISO Transmission, Markets, and Services Tariff ("Tariff"). Capitalized terms used but not otherwise defined herein shall have the meaning given to them in the Tariff.

<sup>2</sup> Principal is (i) the sole proprietor of a sole proprietorship; (ii) a general partner of a partnership; (iii) a president, chief executive officer, chief operating officer or chief financial officer (or equivalent position) of an organization; (iv) a manager, managing member or a member vested with the management authority for a limited liability company or limited liability partnership; (v) any person or entity that has the power to exercise a controlling influence over an organization's activities that are subject to regulation by the Federal Energy Regulatory Commission ("FERC"), the Securities and Exchange Commission ("SEC"), the Commodity Futures Trading Commission ("CFTC"), any exchange monitored by the National Futures Association ("NFA"), or any state entity responsible for regulating activity in energy markets; or (vi) any person or entity that: (a) is the direct owner of 10% or more of any class of an organization's equity securities; or (b) has directly contributed 10% or more of an organization's capital.

2. List all material litigation (criminal or civil) against Certifying Entity or any of the Certifying Entity's Principals, Personnel,<sup>3</sup> or Predecessors,<sup>4</sup> arising out of participation in any wholesale or retail energy market (domestic or international) or trading exchanges in the past ten (10) years:  
(Enter N/A if not applicable)

N/A

3. List all sanctions issued against or imposed upon Certifying Entity, Certifying Entity's Principals, Personnel, or Predecessors, by the FERC, the SEC, the CFTC, any exchange monitored by the NFA, or any entity responsible for regulating activity in any wholesale or retail energy market (domestic or international) or trading exchanges where such sanctions were either imposed in the past ten (10) years or, if imposed prior to that, are still in effect. List all known material ongoing investigations regarding Certifying Entity, Certifying Entity's Principals, Personnel, or Predecessors, imposed by the FERC, the SEC, the CFTC, any exchange monitored by the NFA, or any entity responsible for regulating activity in any wholesale or retail energy market (domestic or international) or trading exchanges:  
(Enter N/A if not applicable)

N/A

---

<sup>3</sup> Personnel means any person, current or former, responsible for decision making regarding Certifying Entity's transaction of business in the New England Markets, including, without limitation, decisions regarding risk management and trading, or any person, current or former, with access to enter transactions into ISO systems. Disclosures regarding former Personnel shall only be required for when such Personnel was employed by Certifying Entity.

<sup>4</sup> Predecessor shall mean any person or entity whose liabilities, including liabilities arising under the Tariff, have or may have been retained or assumed by Certifying Entity, either contractually, by operation of law or considering all relevant factors, including the interconnectedness of the business relationships, overlap in relevant personnel, similarity of business activities, overlap of customer base.

4. Provide a summary of any bankruptcy, dissolution, merger, or acquisition of Certifying Entity in the past ten (10) years (include date, jurisdiction, and other relevant details):  
(Enter N/A if not applicable)

N/A

5. List all wholesale or retail energy market-related operations in North America where Certifying Entity is currently participating, or, in the past five (5) years, has previously participated other than in the New England Markets (e.g., PJM - FTRs):  
(Enter N/A if not applicable)

N/A

6. Describe if Certifying Entity or any of Certifying Entity's Principals, Personnel, or any Predecessor of the foregoing ever had its participation or membership in any independent system operator or regional transmission organization (domestic or international) terminated, its registration/membership application denied, or is subject to an existing uncured suspension from participating in the markets of any independent system operator or regional transmission organization (domestic or international), each in the past five (5) years.  
(Enter N/A if not applicable)

N/A

**If you are currently an active participant and this is your annual submission you do not have to complete Question 7 and can skip to the signature block below. If you are in the process of applying for membership with the ISO you are required to answer the additional questions listed below.**

7. Describe how Certifying Entity plans to fund its operations, including persons or entities providing financing and such person(s)' or entity(ies)' relationship to the Certifying Entity. Include any relationships that may impact Certifying Entity's ability to (a) comply with the time frames to post financial assurance and/or pay invoices or other amounts owed to the ISO, each as required by the Tariff; or (b) provide a first priority perfected security interest in required financial assurance to the ISO:

N/A

Certifying Entity: Materials Innovation and Recycling Authority

By: \_\_\_\_\_

(Signature)

Print Name: Mark T. Daley

Title: President

Date: 04/19/2023

**\*\*** To satisfy the disclosure requirements above, a Certifying Entity may attach additional materials and may provide the ISO with filings made to the SEC or other similar regulatory agencies that include substantially similar information to that required above, provided that Certifying Entity clearly indicates where the specific information is located in those filings.



**DRAFT ENERGY MARKET EXPERIENCE FOR MIRA PRESIDENT AND  
DIRECTORS 2023**

Mark T. Daley, President and CFO

Mr. Mark Daley has experience related to participation in North American wholesale or retail energy markets or trading exchanges includes experience gained as CFO and President of the Materials Innovation and Recycling Authority ("MIRA"). In that role Mr. Daley made recommendations and decisions regarding the marketing and sale of energy products within the ISO NE region from owned generation assets. Energy products include energy, RECs, capacity, and reserves.

Director Burt Hunter

Director Hunter's experience related to participation in North American wholesale or retail energy markets or trading exchanges includes experience gained as a member of the Board of Directors of the Materials Innovation and Recycling Authority ("MIRA"). Board members make decisions regarding the marketing and sale of MIRA's energy products within the ISONE region. Decisions are made after considering input and recommendations from MIRA management. Energy products include energy, RECs, capacity, and reserves.

In addition, Mr. Hunter, as Chief Investment Officer of the CT Green Bank, has experience in the ISONE region with respect to renewable energy credits (or "RECs") which the Green Bank acquires through its residential, commercial, municipal and state solar PV programs which it then trades via a variety of market mechanisms. Mr. Hunter is involved in the decision making related to this trading activity, as well as the monetization of RECs in the securitization and municipal capital markets.

Director Richard Soderman

Director Soderman's experience related to participation in North American wholesale or retail energy markets or trading exchanges includes experience related to the development of the New England wholesale and retail energy markets as an official of Northeast Utilities through participation in legislative and regulatory processes. Mr. Soderman provided expert testimony to CT and other jurisdictions regarding energy policy economics, the unbundling of the electricity industry, establishment of rules for retail electricity supplier competition, divestiture of utility-owned generation, and renewable energy policy.

He also has experience gained as a member of the Board of Directors of the Materials Innovation and Recycling Authority ("MIRA"). Board members make decisions regarding the marketing and sale of MIRA's energy products within the ISONE region. Decisions are made after considering input and recommendations from MIRA management. Energy products include energy, RECs, capacity, and reserves.

### Remaining Directors

Each of the remaining Director's experience related to participation in North American wholesale or retail energy markets or trading exchanges is limited to experience gained as a member of the Board of Directors of the Materials Innovation and Recycling Authority ("MIRA"). Board members make decisions regarding the marketing and sale of MIRA's energy products within the ISONE region. Decisions are made after considering input and recommendations from MIRA management. Energy products include energy, RECs, capacity, and reserves.

# TAB A



Materials Innovation and Recycling Authority  
Regular Board of Directors Meeting  
**Supplemental Information**  
April 12, 2023

*I. Finance*

1. Informational Reports for the period ending February 28, 2023 (*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	Procurement Policy Contract Report
Procurement Policy Exceptions Report	Report on Upcoming Solicitations
Report on Legal Expenditures	

*II. Summary of Project Activities*

1. An update is provided on waste deliveries to the CSWS project for the period ending February 28, 2023 (*Attachment B*).

**TAB B**



**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 February totaled \$0.59 million (15.8% under budget). The deficit in member town deliveries was partially offset by surplus other energy market revenues and interest income. Year to date revenues are \$2.48 million (25.5%) under budget due to the early shut down of the Waste to Energy Facility. Accrued expenditures for February totaled \$0.92 million (19.2% below budget) primarily due to savings in administrative, operational, waste transport and NAES on site incentive expenses. Year to date total accrued expenditures are 15.1% under budget. Year to date the CSWS has incurred an operating loss of \$5.29 million which is \$0.25 million (4.9%) 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.

Electricity generated by the CSWS in July 2022 was minted into 8,830 RECs in January 2023. These RECs were sold at a market price of \$21.66 which will be received in April. These are the final RECs generated by the CSWS. The additional \$121,075 in other energy market revenue in February is net capacity payments from participation in reconfiguration auctions to satisfy remaining capacity supply obligations. Year to date other energy market revenue is 14.3% 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.

February deliveries totaled 3,546 tons which is 2,579 tons (42.1%) 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 anticipated improvement in member deliveries commencing in November which has not occurred. The Authority recently meet with DEEP concerning its request for flow control enforcement assistance and has followed up with additional information as DEEP requested in accordance with those discussions.

**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 \$156,997 for participating town deliveries which is 8.3% above budget for February due to a reduction in commodity pricing that puts upward pressure on the Authority's Base Operating Charge. This was partially offset by savings in transportation and direct operating 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 16.6% above budget year to date.



BOARD OF DIRECTORS FINANCIAL REPORT  
PERIOD ENDING ..... **February 28, 2023**

**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 February, the Authority sold 0 gross tons of post combustion ferrous and 0 gross tons of maintenance metals for total revenue of \$0. No sales were budgeted for February. Metal sales are 160.1% 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 39.3% above budget in February due to surplus capacity, reserve and interest revenue. Operating expenses were 54.2% under budget due to savings in operational contingency budgeted for the period February to June. Total operating income is 46.6% 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.

Property Division cash receipts for February were sufficient to distribute \$21,827 to the Property Division General Fund. Year to date distributions to the Tip Fee Stabilization Fund previously reached the authorized cap of \$3,811,000. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating and Major Maintenance funds causing a draw of \$598,751 from the Tip Fee Stabilization Fund. After the distribution of February receipts, \$59,700,496 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 February 28, 2022 for the scale replacement projects.

**Transition Contingency Reserve** - This \$3,565,000 reserve is part of the Major Maintenance Fund. It was funded from July through October as shown on CSWS Financials. Use of the reserve was authorized for WTE Facility contractor severance budgeted at \$2,000,000. 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. Use of the reserve was subsequently authorized for security and technical support budgeted at \$112,500. This authorization is now allocated in the reserve. Security & technical support services in the amount of \$10,849 were paid in February.

**Decommissioning Funds** - The Authority's Decommissioning Reserve has been funded and established for financial reporting purposes and closure expenditures are pending approval of a closure plan by DEEP and contracting activity by the Authority. In November, the Authority authorized \$40,000 for consultant response to DEEP comments on the Authority's closure plan. \$3,001 has been expended year to date for this purpose.

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

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **February 28, 2023**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<b>REVENUES</b>								
<u>Member Towns</u>	\$ 691,125	\$ 395,539	\$ (295,586)	-42.8%	\$ 5,529,000	\$ 3,846,494	\$ (1,682,506)	-30.4%
<u>Other Contracts</u>	\$ -	\$ -	\$ -	n/a	\$ 600,000	\$ -	\$ (600,000)	n/a
<u>Hauler - Direct</u>	\$ -	\$ -	\$ -	n/a	\$ 697,500	\$ -	\$ (697,500)	n/a
<u>Hauler - TS</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>Spot Waste</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ (101)	\$ (101)	#DIV/0!
Bypass, Delivery & Other Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ (42,030)	\$ (42,030)	#DIV/0!
Member Service Fee	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>Metal Sales &amp; Excess Residue</u>	\$ -	\$ -	\$ -	n/a	\$ 5,708	\$ 14,849	\$ 9,141	160.1%
Bulky Waste	\$ -	\$ -	\$ -	n/a	\$ 20,500	\$ -	\$ (20,500)	n/a
<u>Recycling Facility</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>Electricity Sales</u>	\$ -	\$ -	\$ -	n/a	\$ 722,260	\$ 543,628	\$ (178,632)	-24.7%
Other Energy Markets	\$ 4,430	\$ 121,075	\$ 116,645	2633%	\$ 2,112,940	\$ 2,425,786	\$ 312,846	14.8%
Misc. (Interest, Fees, Other)	\$ 4,200	\$ 72,919	\$ 68,719	1636%	\$ 33,600	\$ 454,444	\$ 420,844	1253%
<b>TOTAL ACCRUED REVENUES</b>	\$ 699,755	\$ 589,533	\$ (110,222)	-15.8%	\$ 9,721,508	\$ 7,243,070	\$ (2,478,439)	-25.5%
<b>EXPENDITURES</b>								
Administrative Expenses	\$ 138,411	\$ 84,629	\$ 53,782	38.9%	\$ 1,355,942	\$ 484,155	\$ 871,787	64.3%
Operational & Contingent . Exp.	\$ 130,350	\$ 85,688	\$ 44,662	34.3%	\$ 1,452,276	\$ 1,189,211	\$ 263,065	18.1%
PILOTs & Fees	\$ 127,803	\$ 127,989	\$ (186)	-0.1%	\$ 1,075,201	\$ 1,033,966	\$ 41,235	3.8%
Waste Transport	\$ 479,540	\$ 383,778	\$ 95,762	20.0%	\$ 5,281,854	\$ 4,135,340	\$ 1,146,514	21.7%
Recycling Facility	\$ 145,023	\$ 156,997	\$ (11,975)	-8.3%	\$ 1,160,182	\$ 1,353,228	\$ (193,046)	-16.6%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ -	\$ 52,789	\$ (52,789)	n/a	\$ 108,333	\$ 909,201	\$ (800,868)	-739.3%
NAES Contract Operating Charges	\$ -	\$ (15,072)	\$ 15,072	n/a	\$ 2,403,098	\$ 1,948,083	\$ 455,015	18.9%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
NAES On-Site Incentive Comp.	\$ -	\$ (79,897)	\$ 79,897	n/a	\$ 135,323	\$ 42,961	\$ 92,362	68.3%
NAES Management Fees	\$ -	\$ 1,228	\$ (1,228)	n/a	\$ 108,333	\$ 311,431	\$ (203,098)	-187.5%
Transfer Station - Ellington	\$ 1,349	\$ 532	\$ 817	60.6%	\$ 10,792	\$ 9,744	\$ 1,048	9.7%
Transfer Station - Essex	\$ 65,000	\$ 68,707	\$ (3,707)	-5.7%	\$ 520,000	\$ 534,554	\$ (14,554)	-2.8%
Transfer Station - Torrington	\$ 55,717	\$ 56,051	\$ (334)	-0.6%	\$ 445,736	\$ 505,087	\$ (59,351)	-13.3%
Transfer Station - HFD Transition	\$ -	\$ 391	\$ (391)	n/a	\$ 709,200	\$ 76,639	\$ 632,561	89.2%
<b>TOTAL ACCRUED EXPENDITURES</b>	\$ 1,143,193	\$ 923,810	\$ 219,382	19.2%	\$ 14,766,270	\$ 12,533,600	\$ 2,232,669	15.1%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ (443,438)	\$ (334,277)	\$ 109,160	-24.6%	\$ (5,044,761)	\$ (5,290,531)	\$ (245,769)	4.9%
<b>DISTRIBUTION OF CSWS OPERATING INCOME</b>								
<u>CSWS Improvement Fund</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>CSWS Major Maint. (Transition)</u>	\$ -	\$ -	\$ -	n/a	\$ 3,565,000	\$ 3,565,000	\$ -	0.0%
<u>CSWS Risk Fund</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>CSWS Legal Reserve</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>MIRA Severance Reserve</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<b>TOTAL DISTRIBUTIONS</b>	\$ -	\$ -	\$ -	n/a	\$ 3,565,000	\$ 3,565,000	\$ -	0.0%
<b>SURPLUS / (DEFICIT)</b>	\$ (443,438)	\$ (334,277)	\$ 109,160	-25%	\$ (8,609,761)	\$ (8,855,531)	\$ (245,769)	2.9%



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

[Narrative](#)

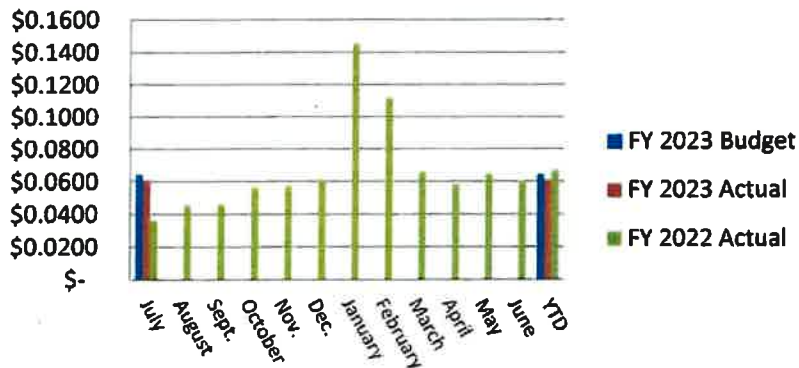
**CSWS Electricity Production**

Period Ending:

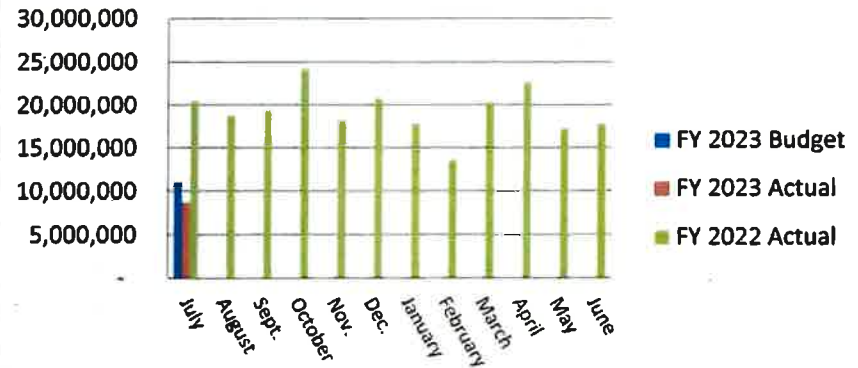
**February 28, 2023**

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

**Price / KWh**



**Production (KWh)**



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

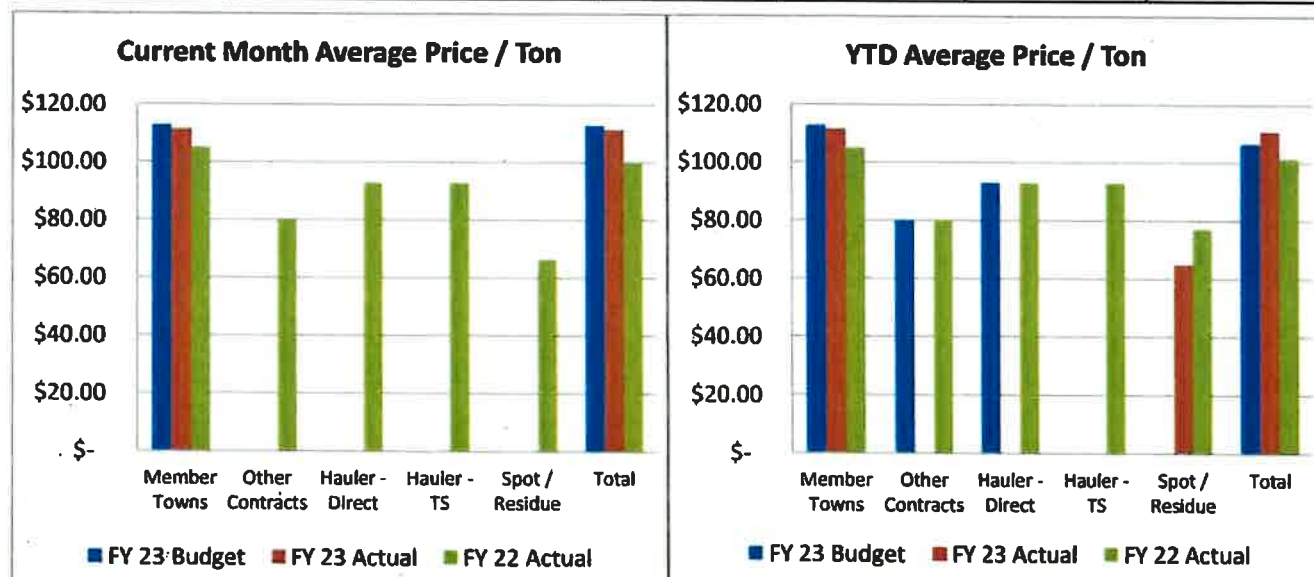
Narrative

CSWS Solid Waste Summary

Period Ending:

**February 28, 2023**

	Current Month			Year To Date		
FY 23 Budget	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	6,125	\$ 691,125	\$ 112.84	49,000	\$ 5,529,000	\$ 112.84
<u>Other Contracts</u>	-	\$ -	\$ -	7,500	\$ 600,000	\$ 80.00
<u>Hauler - Direct</u>	-	\$ -	\$ -	7,500	\$ 697,500	\$ 93.00
<u>Hauler - TS</u>	-	\$ -	\$ -	-	\$ -	\$ -
<u>Spot / Residue</u>	-	\$ -	\$ -	-	\$ -	\$ -
<b>Total</b>	<b>6,125</b>	<b>\$ 691,125</b>	<b>\$ 112.84</b>	<b>64,000</b>	<b>\$ 6,826,500</b>	<b>\$ 106.66</b>
FY 23 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	3,546	\$ 395,539	\$ 111.54	34,466	\$ 3,846,494	\$ 111.60
Other Contracts	-	\$ -	\$ -	232	\$ -	\$ -
Hauler - Direct	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	-	\$ -	\$ -	(2)	\$ (101)	\$ 65.00
<b>Total</b>	<b>3,546</b>	<b>\$ 395,539</b>	<b>\$ 111.54</b>	<b>34,697</b>	<b>\$ 3,846,393</b>	<b>\$ 110.86</b>
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(2,579)	\$ (295,586)	\$ (1.29)	(14,534)	\$ (1,682,506)	\$ (1.23)
Other Contracts	-	\$ -	\$ -	(7,268)	\$ (600,000)	\$ (80.00)
Hauler - Direct	-	\$ -	\$ -	(7,500)	\$ (697,500)	\$ (93.00)
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	-	\$ -	\$ -	(2)	\$ (101)	\$ 65.00
<b>Total</b>	<b>(2,579)</b>	<b>\$ (295,586)</b>	<b>\$ (1.29)</b>	<b>(29,303)</b>	<b>\$ (2,980,107)</b>	<b>\$ 4.19</b>
<b>Total % Var.</b>	<b>-42.1%</b>	<b>-42.8%</b>	<b>-1.1%</b>	<b>-45.8%</b>	<b>-43.7%</b>	<b>3.9%</b>





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

[Narrative](#)

Period Ending:

February 28, 2023

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	\$ -	\$ 209,337	\$ 813,211	\$ 137,633	\$ -	\$ 1,160,182

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	\$ -	\$ 29,598	\$ 139,192	\$ 4,175	\$ -	\$ 172,965
December	-	-	-	-	-	\$ 117	\$ -	\$ 31,017	\$ 138,996	\$ 8,030	\$ -	\$ 178,043
January	-	-	-	-	-	\$ 117	\$ -	\$ 31,615	\$ 142,700	\$ 21,027	\$ -	\$ 195,342
February	-	-	-	-	-	\$ 117	\$ -	\$ 21,393	\$ 127,269	\$ 8,336	\$ -	\$ 156,997
March	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
April	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
May	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
June	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YTD	-	-	-	-	-	\$ 117	\$ -	\$ 255,438	\$ 1,015,715	\$ 82,075	\$ -	\$ 1,353,228

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	-	-	-	-	-	\$ -	\$ -	\$ 3,430	\$ 37,541	\$ (13,029)	\$ -	\$ 27,942
December	-	-	-	-	-	\$ -	\$ -	\$ 4,849	\$ 37,345	\$ (9,174)	\$ -	\$ 33,020
January	-	-	-	-	-	\$ -	\$ -	\$ 5,448	\$ 41,049	\$ 3,823	\$ -	\$ 50,319
February	-	-	-	-	-	\$ -	\$ -	\$ (4,775)	\$ 25,617	\$ (8,868)	\$ -	\$ 11,975
March	-	-	-	-	-	\$ -	\$ -					
April	-	-	-	-	-	\$ -	\$ -					
May	-	-	-	-	-	\$ -	\$ -					
June	-	-	-	-	-	\$ -	\$ -					
YTD	-	-	-	-	-	\$ -	\$ -					

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

[Narrative](#)

Period Ending:

**February 28, 2023**

Budget FY 2023	Essex to Willimantic/Berlin			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	3,850.00	\$ 30.00	115,500	3,796.00	\$ 24.72	93,837	-	\$ -	-	\$ 209,337

Actual FY 2023	Essex to Willimantic/Berlin			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	566.00	\$ 35.29	\$ 19,974	360.16	\$ 26.72	\$ 9,623	-	\$ -	\$ -	\$ 29,598
December	608.37	\$ 35.92	\$ 21,853	334.68	\$ 27.38	\$ 9,164	-	\$ -	\$ -	\$ 31,017
January	603.08	\$ 35.38	\$ 21,337	381.58	\$ 26.93	\$ 10,278	-	\$ -	\$ -	\$ 31,615
February	438.87	\$ 35.06	\$ 15,387	242.95	\$ 24.72	\$ 6,006	-	\$ -	\$ -	\$ 21,393
March			\$ -			\$ -			\$ -	\$ -
April			\$ -			\$ -			\$ -	\$ -
May			\$ -			\$ -			\$ -	\$ -
June			\$ -			\$ -			\$ -	\$ -
YTD	4,317.09	\$ 39.73	171,526	2,808.59	\$ 29.60	83,124	28.09	\$ 28.04	788	\$ 255,438

Variance FY 2023	Essex to Willimantic/Berlin			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	84.75	5.29	5,537	(114.34)	2.00	(2,106)	-	-	-	3,430
December	127.12	5.92	7,415	(139.82)	2.66	(2,566)	-	-	-	4,849
January	121.83	5.38	6,899	(92.92)	2.21	(1,452)	-	-	-	5,448
February	(42.38)	5.06	949	(231.55)	-	(5,724)	-	-	-	(4,775)
March										
April										
May										
June										
YTD	467.09	9.73	56,026	(987.41)	4.88	(10,713)	28.09	28.04	788	46,101



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

[Narrative](#)

Period Ending:

February 28, 2023

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	2,027.33	30.90	62,645	9,673	\$ 85.00	\$ (50.00)	\$ 35.00	338,567	412,000	\$ 813,211

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	-	\$ -	\$ -	930.15	\$ 87.55	\$ 8.34	\$ 95.89	\$ 89,192	\$ 50,000	\$ 139,192
December	-	\$ -	\$ -	935.13	\$ 87.55	\$ 7.62	\$ 95.17	\$ 88,996	\$ 50,000	\$ 138,996
January	-	\$ -	\$ -	978.88	\$ 87.55	\$ 7.15	\$ 94.70	\$ 92,700	\$ 50,000	\$ 142,700
February	-	\$ -	\$ -	688.23	\$ 87.55	\$ 7.15	\$ 94.70	\$ 65,175	\$ 62,094	\$ 127,269
March	-	\$ -	\$ -	-	-	-	\$ -	\$ -	-	\$ -
April	-	\$ -	\$ -	-	-	-	\$ -	\$ -	-	\$ -
May	-	\$ -	\$ -	-	-	-	\$ -	\$ -	-	\$ -
June	-	\$ -	\$ -	-	-	-	\$ -	\$ -	-	\$ -
YTD	104	\$ 30.00	3,117	7,285	\$ 87.55	\$ (5.12)	\$ 82.43	600,505	412,094	\$ 1,015,715

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	(253.42)	(30.90)	(7,831)	(279.0)	2.55	58.34	60.89	46,871	(1,500)	37,541
December	(253.42)	(30.90)	(7,831)	(274.04)	2.55	57.62	60.17	46,675	(1,500)	37,345
January	(253.42)	(30.90)	(7,831)	(230.29)	2.55	57.15	59.70	50,379	(1,500)	41,049
February	(253.42)	(30.90)	(7,831)	(520.94)	2.55	57.15	59.70	22,855	10,594	25,617
March	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
YTD	(1,923)	(0.90)	(59,528)	(2,388)	2.55	44.88	47.43	261,938	94	202,504

Period Ending: **February 28, 2023**

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				\$ -	\$ -				\$ -	\$ -	\$ -
<b>YTD</b>	<b>29.17</b>	<b>\$ 38.57</b>	<b>\$ -</b>	<b>\$ 38.57</b>	<b>1,125</b>	<b>41.67</b>	<b>\$ 110.00</b>	<b>\$ -</b>	<b>\$ 110.00</b>	<b>4,583</b>	<b>\$ 5,708</b>

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	45.21	\$ 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	-	\$ 110.00	\$ -	\$ 110.00	\$ -	36.86	\$ 165.00	\$ (102.25)	\$ 62.75	\$ 2,313	\$ 2,313
December	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
January	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
February	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
March				\$ -	\$ -				\$ -	\$ -	\$ -
April				\$ -	\$ -				\$ -	\$ -	\$ -
May				\$ -	\$ -				\$ -	\$ -	\$ -
June				\$ -	\$ -				\$ -	\$ -	\$ -
<b>YTD</b>	<b>49.77</b>	<b>\$ 110.00</b>	<b>\$ 10.55</b>	<b>\$ 120.55</b>	<b>6,000</b>	<b>72.48</b>	<b>\$ 165.00</b>	<b>\$ (42.91)</b>	<b>\$ 122.09</b>	<b>8,849.23</b>	<b>\$ 14,849</b>

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	-	110.00	-	110.00	-	36.86	165.00	(102.25)	62.75	2,312.97	2,312.97
December	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
January	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
February											
March											
April											
May											
June											
<b>YTD</b>	<b>20.60</b>	<b>71.43</b>	<b>10.55</b>	<b>81.98</b>	<b>4,874.92</b>	<b>30.81</b>	<b>55.00</b>	<b>(42.91)</b>	<b>12.09</b>	<b>4,265.90</b>	<b>9,140.81</b>



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

Narrative

Property Division Monthly Financial Report

Period Ending: **February 28, 2023**

	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	\$ 641,900	\$ 77,627	13.8%	\$ 4,514,184	\$ 4,377,714	\$ (136,470)	-3.0%
VARs Payments	\$ 2,200	\$ 3,161	\$ 961	43.7%	\$ 17,600	\$ 20,781	\$ 3,181	18.1%
Reserve Credits	\$ 38,005	\$ 158,324	\$ 120,319	317%	\$ 304,040	\$ 2,674,447	\$ 2,370,407	780%
Real Time Energy	\$ 37,784	\$ 1,270	\$ (36,514)	-96.6%	\$ 822,272	\$ 914,831	\$ 92,559	11.3%
Total Jets Electric	\$ 642,262	\$ 804,655	\$ 162,393	25.3%	\$ 5,658,096	\$ 7,987,773	\$ 2,329,677	41.2%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 1,098	\$ (566)	-34.0%	\$ 13,312	\$ 8,858	\$ (4,454)	-33.5%
Wheelabrator Lease	\$ 38,079	\$ 36,833	\$ (1,246)	-3.3%	\$ 304,632	\$ 148,338	\$ (156,294)	-51.3%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,000	\$ -	\$ (45,000)	n/a
Total Lease Income	\$ 39,743	\$ 37,931	\$ (1,812)	-4.6%	\$ 362,944	\$ 157,196	\$ (205,748)	-56.7%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ -	\$ 107,750	\$ 107,750	n/a	\$ 5,000	\$ 641,068	\$ 636,068	12721%
TOTAL ACCRUED REVENUES	\$ 682,005	\$ 950,336	\$ 268,331	39.3%	\$ 6,026,040	\$ 8,786,038	\$ 2,759,998	45.8%
<b>EXPENDITURES</b>								
MIRA Non-Personnel Services	\$ 1,057	\$ -	\$ 1,057	n/a	\$ 37,056	\$ 26,125	\$ 10,931	29.5%
MIRA Allocated Costs	\$ 45,838	\$ 28,811	\$ 17,027	37.1%	\$ 436,353	\$ 182,482	\$ 253,871	58.2%
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	\$ 1,636	\$ 682	29.4%	\$ 18,544	\$ 15,035	\$ 3,509	18.9%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 93,422	\$ 236,368	\$ (142,946)	-153.0%	\$ 1,272,376	\$ 2,963,579	\$ (1,691,203)	-132.9%
Operating Contingency	\$ 439,686	\$ -	\$ 439,686	n/a	\$ 439,686	\$ -	\$ 439,686	n/a
TOTAL ACCRUED EXPENDITURES	\$ 582,321	\$ 266,815	\$ 315,506	54.2%	\$ 2,215,040	\$ 3,197,671	\$ (982,631)	-44.4%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ 99,684	\$ 683,521	\$ 583,837	585.7%	\$ 3,811,000	\$ 5,588,367	\$ 1,777,367	46.6%
<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>	\$ 99,684	\$ 683,521	\$ 583,837	585.7%	\$ 3,811,000	\$ 5,588,367	\$ 1,777,367	46.6%



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

Period Ending: February 28, 2023  
 Transfer Date: March 15, 2023  
 Funding: April 1, 2023

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
PD Clearing Account	\$ 1,000.00		\$ 695,216.44	\$ -	\$ 695,216.44	\$ 1,000.00
<b>Property Division Disbursements</b>	<b>Beginning Balance</b>	<b>Interest [+]</b>	<b>Expenditures [-]</b>	<b>Adjustments [+(-)]</b>	<b>Distribution of Net Receipts [+(-)]</b>	<b>Ending Balance</b>
PD Operating Fund	\$ 1,713,791.70	\$ 8,615.68	\$ 163,414.16	\$ 144,445.16	\$ 673,389.32	\$ 2,376,827.70
PD General Fund	\$ 11,311,024.60	\$ 39,855.70			\$ 21,827.12	\$ 11,372,707.42
PD Improvement Fund	\$ 260,179.85					\$ 260,179.85
PD Jets Major Maintenance	\$ 798,813.87					\$ 798,813.87
CSWS Decommissioning Reserve	\$ 3,363,504.07	\$ 11,905.02				\$ 3,375,409.09
MIRA Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below					Combined Below
<b>Total</b>	<b>\$ 17,447,314.09</b>	<b>\$ 60,376.40</b>	<b>\$ 163,414.16</b>	<b>\$ 144,445.16</b>	<b>\$ 695,216.44</b>	<b>\$ 18,183,937.93</b>
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
CSWS Clearing Account	\$ 40,000.00		\$ 608,780.71		\$ 608,780.71	\$ 40,000.00
<b>CSWS Division Disbursements</b>	<b>Beginning Balance</b>	<b>Interest [+]</b>	<b>Expenditures [-]</b>	<b>Adjustments [+(-)]</b>	<b>Distribution of Net Receipts [+(-)]</b>	<b>Ending Balance</b>
CSWS Operating STIF	\$ 13,006,646.68	\$ 45,306.83	\$ 359,172.90	\$ 555,792.08	\$ 1,207,537.17	\$ 14,456,104.86
CSWS Debt Service Fund	\$ 3,875.01					\$ 3,875.01
CSWS General Fund	\$ 1,124.58	\$ 3.95				\$ 1,128.53
CSWS Risk Fund	\$ 916,594.51	\$ 3,244.26				\$ 919,838.77
CSWS Legal Reserve	\$ 501,215.45	\$ 1,774.04				\$ 502,989.49
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				\$ (598,751.46)	Combined Below
<b>Total</b>	<b>\$ 14,429,456.23</b>	<b>\$ 50,329.08</b>	<b>\$ 359,172.90</b>	<b>\$ 555,792.08</b>	<b>\$ 608,780.71</b>	<b>\$ 15,883,936.66</b>
<b>Combined</b>						
MIRA Severance Fund	\$ 1,411,237.57	\$ 4,995.03				\$ 1,416,232.60
CSWS Improvement Fund	\$ 319,447.51					\$ 319,447.51
CSWS Major Maintenance	\$ 6,215,374.84	\$ 21,989.62	\$ 12,418.15			\$ 6,224,946.31
CSWS Tip Fee Stabilization	\$ 12,881,888.45	\$ 46,709.84			\$ (598,751.46)	\$ 12,329,846.83
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 1,548,984.71		\$ 5,371.12	\$ 822,690.47		\$ 731,665.36
Hartford Solar Reserve	\$ 342,213.70	\$ 1,211.25				\$ 343,424.95
Landfill Div. Operating Account	\$ -		\$ 44,440.00			\$ 44,440.00
Landfill Operating STIF	\$ 2,257,691.14	\$ 8,014.13	\$ 15,265.23	\$ 50.02		\$ 2,280,920.48

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 \$3,811,000.00 in support of the FY23 Adopted Property Division Budget.
- FY23 YTD CSWS draws from the CSWS Tip Fee Stabilization Reserve is \$2,471,474.75 in support of the FY23 Adopted CSWS Budget.
- After the distribution of February cash receipts, a total of \$59,700,496.04 remained due to the Tip Fee Stabilization Reserve from the CSWS.
- Adjustments reflect funding correction of pending termination payments and return of NAES surplus funds.

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

Narrative

Period Ending: 02/28/23

	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	\$ -	\$ 13,164	\$ (13,164)	\$ 100,000	\$ 17,735	\$ 82,265
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	\$ -	\$ 13,164	\$ (13,164)	\$ 602,735	\$ 17,735	\$ 585,000
<b>METAL SALES CREDIT</b>	\$ -	\$ -	\$ -	\$ (100,000)	\$ -	\$ (100,000)
<b>Total Decommission Reserve</b>	\$ -	\$ 13,164	\$ (13,164)	\$ 3,300,000	\$ 17,735	\$ 3,282,265

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

Narrative

Period Ending: 02/28/23

WASTE PROCESSING FACILITY	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
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	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,580	\$ (580)
Torrington	\$ -	\$ -	\$ -	\$ 300,000	\$ 148,446	\$ 151,554
Watetown	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Total Transfer Stations	\$ -	\$ -	\$ -	\$ 600,000	\$ 299,026	\$ 300,974
<b>TRANSITION CONTINGENCY</b>	\$ -	\$ 10,849	\$ (10,849)	\$ 2,112,500	\$ 1,737,766	\$ 374,734
<b>TOTAL CSWS MAJOR MAINTENANCE FUND</b>	\$ -	\$ 10,849	\$ (10,849)	\$ 2,712,500	\$ 2,036,791	\$ 675,709



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

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

Segmented Income Statement

**DRAFT**

Period Ending: **February 28, 2023**

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
<b>Operating Revenues</b>								
Service charges								
Members	\$ -	\$ 3,847	\$ -	\$ -	\$ -			\$ 3,847
Others		(42)						(42)
Energy sales		2,969			7,988	97		11,054
Other operating revenues		23			157	6		186
<b>Total Operating Revenues</b>		6,797			8,145	103		15,045
<b>Operating Expenses</b>								
Solid waste operations		10,514			2,393	88	0	12,995
Maintenance and utilities		1,290			(302)			1,088
Legal services - external		85			-			85
Administrative and Operational services		1,131			174	9		1,314
<b>Total Operating Expenses</b>		13,020			2,365	97		15,482
<b>Operating Income (Loss) before Depreciation and Amortization</b>		(6,223)			5,780			(437)
Depreciation and amortization	135	13			732	69	0	949
<b>Operating Income (Loss)</b>	(135)	(6,236)			5,048	(63)		(1,386)
<b>Non-Operating Revenues (Expenses)</b>								
Investment income		446	1		641	23		1,111
Settlement income (expenses)		250						250
Other income (expenses)	(1,184)		(3)					(1,187)
Distribution to SCRRA								
<b>Non-Operating Revenues (Expenses), net</b>	(1,184)	696	(2)		641	23		174
<b>Income (Loss) before Transfers</b>	(1,319)	(5,540)	(2)		5,689	(40)		(1,212)
Transfers in (out)							0	
<b>Change in Net Position</b>	(1,319)	(5,540)	(2)		5,689	(40)		(1,212)
<b>Total Net Position, beginning of period</b>	3,013	4,110	44		64,325	20,596		92,088
<b>Total Net Position, end of period</b>	\$ 1,694	\$ (1,430)	\$ 42	\$ -	\$ 70,014	\$ 20,556	\$ -	\$ 90,876
<b>RECONCILIATION TO VARIANCE REPORT</b>								
Add: Expenses paid from reserves		487	0		(297)			190
Add: Amortization	135	13			732	(69)		949
Less: GAAP Exp (Deferred for Budget)								
add: Spare parts and fuel inventory adjustment					(536)			(536)
add: Capitalized expenses net of asset disposals								
add: Settlement Income		(250)						(250)
Other								
<b>Operating Income (Loss) per Variance report</b>	n/a	(5,290)	n/a	n/a	5,598	n/a	n/a	298

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: Sept'20 - REC's were billed and in the GL for Sept'20 s/m/b billed in October'20.





Fr: July 01, 2022

To: March 15, 2023



## Report on Vendors that have exceeded \$50,000 on Cumulative Contracts

### Discussion

The MIRA Procurement Policies and Procedures, effective January 22, 2004, contain a provision requiring that a report be submitted to the appropriate board committee(s) in the event that MIRA enters into multiple contracts or multiple Request for Services ("RFS") with one vendor during one fiscal year, and none of the contracts and/or RFSs individually is in excess of \$50,000.00, but the sum of all contract and/or RFS amounts with that vendor exceeds \$50,000.00 in the aggregate.

This is to report to the Policies and Procurement Committee, pursuant to Section 4.1.3.2.2 (governing contracts) and Section 4.1.4.2 (governing RFSs) of the MIRA Procurement Policies and Procedures, those vendors with which CRRA has established multiple contracts and/or RFSs during a fiscal year, all of which are less than \$50,000.00, but which in the aggregate exceed \$50,000.00 to date.

### BEECHER CARLSON INSURANCE COMPANY LLC

PO0015164	8/1/22	FY23 - POLICY #MKLV2EUE101415 7/1/22 - 7/1/23	775.50
PO0015164	8/1/22	FY23 - POLICY #MKLV2EUE101415 7/1/22 - 7/1/23	22,724.50
PO0015165	8/1/22	FY23 - INSURANCE POLICY #106080722 7/1/22 - 7/1/23 FIDUCIARY - NEW BUSINESS	5,764.00
PO0015172	8/1/22	FY23 - POLICY #AS2-641-444584-022 7/1/22 - 7/1/23	2,403.32
PO0015172	8/1/22	FY23 - POLICY #AS2-641-444584-022 7/1/22 - 7/1/23	28,808.68
PO0015176	8/1/22	FY23 - INSURANCE POLICY #WCC-641-444584-012 7/1/22 - 7/1/23 WORKERS COMP - RENEWAL - AUTHORITY BUDGET	3,054.82
PO0015176	8/1/22	FY23 - INSURANCE POLICY #WCC-641-444584-012 7/1/22 - 7/1/23 WORKERS COMP - RENEWAL - PROPERTY DIVISION ALLOCATION	1,110.84
PO0015176	8/1/22	FY23 - INSURANCE POLICY #WCC-641-444584-012 7/1/22 - 7/1/23 WORKERS COMP - RENEWAL - CSWS ALLOCATION	35,507.29
PO0015177	8/1/22	FY23 - POLICY #TH7-641-4444584-042 7/1/22 - 7/1/23 UMBRELLA RENEWAL - AUTHORITY BUDGET	1,618.60
PO0015177	8/1/22	FY23 - POLICY #TH7-641-4444584-042 7/1/22 - 7/1/23 UMBRELLA - RENEWAL - CSWS ALLOCATION	47,429.80
PO0015166	8/1/22	FY23 - POLICY #NHA098411 7/1/22 - 7/1/23 EXCESS LIABILITY - RENEWAL	742.50
PO0015166	8/1/22	FY23 - POLICY #NHA098411 7/1/22 - 7/1/23 EXCESS LIABILITY - RENEW - CSWS ALLOCATION	21,757.50
PO0015167	8/2/22	FY23 - FY2021 FINAL INSURANCE ALLOCATION AFTER AUDIT FOR WORKERS COMP, AUTO, AND GENERAL LIABILITY SEE ATTACHED	1,052.61
PO0015167	8/2/22	FY23 - FY2021 FINAL INSURANCE ALLOCATION AFTER AUDIT FOR WORKERS COMP, AUTO, AND GENERAL LIABILITY SEE ATTACHED	145.08
PO0015167	8/2/22	FY23 - FY2021 FINAL INSURANCE ALLOCATION AFTER AUDIT FOR WORKERS COMP, AUTO, AND GENERAL LIABILITY SEE ATTACHED	1,906.26
PO0015170	8/4/22	FY23 - INSURANCE POLICY #105593480 7/1/22 - 7/1/23 CRIME RENEWAL	3,419.00
PO0015195	8/8/22	FY23 - JURISDICTION BOILER INSPECTION FEE	1,500.00
PO0015413	1/3/23	FY23 - INSURANCE - ADJUSTED POLICY CHANGE RESULTING FROM AUDIT AT END OF POLICY PERIOD - CSWS ALLOCATION	1,916.01
PO0015413	1/3/23	FY23 - INSURANCE - ADJUSTED POLICY CHANGE RESULTING FROM AUDIT AT END OF POLICY PERIOD - PD ALLOCATION	284.31
PO0015413	1/3/23	FY23 - INSURANCE - ADJUSTED POLICY CHANGE RESULTING FROM AUDIT AT END OF POLICY PERIOD - AUTHORITY ALLOCATION	781.86

---

**182,702.48**

**HALLORAN & SAGE LLP**

PO0015233	9/1/22	FY2023 GENERAL COUNSEL - CSWS - REQUEST FOR SERVICES - JULY 1, 2022-JUNE 30, 2023	25,000 00
PO0015350	10/17/22	FY2023 REQUEST FOR LEGAL SERVICE MIRA CONTRACT NO. # 210107- GENERAL COUNSEL - AUTHORITY BUDGET - INCREASE	25,000.00
PO0015365	11/17/22	FY2023 RFS PROPERTY DIV GENERAL COUNSEL	5,000 00
PO0015474	2/3/23	FY2023 REQUEST FOR LEGAL SERVICE MIRA CONTRACT NO. # 210107- GENERAL COUNSEL - AUTHORITY BUDGET - INCREASE	25,000.00
			<hr/> 80,000.00

**TRC ENVIRONMENTAL CORPORATION**

PO0015249	9/2/22	FY23 - DESIGN AND INSTALL A SYSTEM TO PUMP, TREAT AND DISCHARGE THE WATER THAT ACCUMULATES IN THE COAL POND AT	14,869 49
PO0015249	9/2/22	FY23 - OPERATION AND MAINTENANCE OF THE COAL POND WATER PUMPING, TREATMENT AND DISCHARGE SYSTEM	31,008 36
PO0015249	9/2/22	FY23 - MONITORING AND REPORTING ASSOCIATED WITH THE DISCHARGE OF THE COAL POND WATER TO THE SANITARY SEWER.	2,728.78
PO0015249	9/2/22	FY23 - PROJECT MANAGEMENT ASSOCIATED WITH THE COAL POND TREATMENT AND DISCHARGE, INCLUDING MEETINGS AMONGST	880 00
PO0015364	11/14/22	FY23 - TO PROVIDE CONSULTING SUPPORT TO RESPOND TO REQUEST FOR ADDITIONAL INFORMATION TO DEEP REGARDING THE	39,112.75
PO0015452	1/24/23	FY23 - PREPARE TECHNICAL ATTACHMENTS ASSOCIATED WITH A REGISTRATION FOR DISCHARGE FROM THE COAL POND TO THE	16,426.41
PO0015452	1/24/23	FY23 - PREPARE SIU GENERAL PERMIT APPLICATION FORM FOR DISCHARGE FROM COAL POND TO SANITARY SEWER AT PBF	4,148 20
PO0015452	1/24/23	FY23 - PROVIDE P.E. REVIEW AND SEAL FOR REVISED SPILL PREVENTION AND CONTROL PLAN REQUIRED BY SIU GENERAL	2,010 64
PO0015452	1/24/23	FY23 - PROJECT MANAGEMENT AND MEETINGS IN SUPPORT OF SIU GENERAL PERMIT REGISTRATION	3,828 81
			<hr/> 115,013.44





## Report on Exceptions to the Competitive Process

### Discussion

The MIRA Procurement Policies and Procedures, effective January 22, 2004, contain a provision exempting certain purchases from the competitive process; these exceptions are listed in Section 3.1.2 of the Policy.

Section 3.1.3 of the Procurement Policies and Procedures, Making and Reporting an Exception, requires that a purchase that is not conducted pursuant to the competitive process be reported as soon as practicable to the Policy and Procurement Committee, and the full Board of Directors.

This is to serve as the report required by section 3.1.3 of the Procurement Policies and Procedures. The following table provides a summary of this information.

#### Comp 2                      Comp 2 - State Contract (DAS, DEEP, DOT, BEST)

<u>Date</u>	<u>PO Number</u>	<u>Description</u>	<u>QTY</u>	
2/16/23	PO0015477	FY2023 ADDITIONAL RECORD STORAGE SUPPLIES AND STORAGE INCREASE DUE TO MOVING. PER DAS CONTRACT 12PSX0085AA	2,000.00	WILLIAM B MEYER INC
2/17/23	PO0015468	FY23 - 6 MONTHS PHONE SERVICE FOR 211 MURPHY RD DOIT Contract B-03-012	3,000.00	FRONTIER COMMUNICATIONS CORPORATION
2/17/23	PO0015470	FY23 - BLANKET ORDER USED FOR MISC. SMALL IT ITEMS FOR THE MOVE( switches, CHARGERS, cables ETC.)	700.00	CDW GOVERNMENT INC
2/17/23	PO0015479	FY2023 MOVING FROM 200 CORPORATE PLACE, ROCKY HILL TO 300 MAXIM ROAD, HARTFORD PER DAS CONTRACT 12PSX0085AA	25,500.00	WILLIAM B MEYER INC
2/21/23	PO0015462	FY23 CLOSED WATERTOWN TRANSFER PO TO COVER TESTS AND INSPECTIONS WHICH INCLUDE TWO TESTS ON ALL SIMPLEX FIRE ALARM EQUIPMENT - 8-ANNUALLY BILLED @ \$2000.00 PLUS \$593.29 FOR LIFT RENTAL AT ECHO LAKE ROAD WATERTOWN COST OF TEST AND INSPECTION CONTRACT COVERS PARTS/ REPAIRS AND LABOR PER ST OF CT CONTRAC # 18PSX0005 @ WHICH IS REQUIRED TO TEST HEAT DETECTORS ANY ADDITIONS OR REPAIRS AS NEEDED NOT TO EXCEED \$2600.00	2,600.00	JOHNSON CONTROLS FIRE PROTECTION LP
3/7/23	PO0015489	FY23 - Q4 - FUEL CARD (WEX BANK) CHARGES FOR FACILITIES MNGR AND ENFORCEMENT VEHICLES - FOR EXPECTED Q4 FUEL CARD CHARGES FROM APRIL-JUNE 2023	5,000.00	WEX BANK
3/8/23	PO0015485	FY23- 3RD QTR DELIVERY FEES FEDERAL EXPRESS DAS CONTRACT NO. 16PSX0106	200.00	FEDERAL EXPRESS CORP
			<u>39,000.00</u>	

#### NC4A                      NC-special capability or experience

<u>Date</u>	<u>PO Number</u>	<u>Description</u>	<u>QTY</u>	
3/9/23	PO0015493	FY23 AMERICAN EXPRESS INVOICE MARCH EXPENSES	39.00	AMERICAN EXPRESS TRAVEL MGMT SERVICES
			<u>39.00</u>	

NC6

NC-competitive market does not exist

<u>Date</u>	<u>PQ Number</u>	<u>Description</u>	<u>QTY</u>	
2/24/23	PO0015480	FY23 AMERICAN EXPRESS INVOICE JANUARY 2023 EXPENSE	285.00	AMERICAN EXPRESS TRAVEL MGMT SERVICE:
3/9/23	PO0015493	FY23 AMERICAN EXPRESS- MARCH 2023 EXPENSES	2.20	AMERICAN EXPRESS TRAVEL MGMT SERVICE:
3/14/23	PO0015499	FY23 - SWANA ASSOCIATION DUES - PUBLIC SECTOR SOUTHERN NEW ENGLAND CHAPTER AND TECHNICAL DIVISION DUES - D. BODENDORF	300.00	SOLID WASTE ASSOCIATION OF NORTH AMER
			<u>587.20</u>	
		<b>Grand Total:</b>	<u><u>39,826.20</u></u>	







## INFORMATION REGARDING UPCOMING SOLICITATIONS

### RFP/B/Q which MIRA has received and is evaluating responses

- RFP for Legal Services (existing agreements expire June 30, 2023).

### RFP/B/Q which MIRA may issue in FY2023

- Solicitations if/as necessary to support decommissioning MIRA's resource recovery facility.
- Solicitations as necessary to provide for the sale, scrap or disposal of surplus MIRA assets.
- Solicitations if/as necessary to support energy conservation and electrical use reduction efforts at MIRA's closed resource recovery facility.
- RFQ for Economic Advisory Services Agreements (agreements expired February 28, 2022).
- MIRA working with Contractor for Transportation and Disposal of Ash Residue from the CSWS Resource Recovery Facility to plan for reduced deliveries after MIRA ceases combustion at Resource Recovery Facility July 31, 2022 and to plan for delivery of ash residue removed during decommissioning of the facility (existing Agreement for Transportation and Disposal of Ash Residue from the CSWS Resource Recovery Facility expires June 30, 2024).
- Solicitations if/as necessary to support planning related to:
  - Future of MIRA facilities at 211 and 171 Murphy Road
  - Decommissioning of Jet Turbine Facility after June 30, 2023
  - Other MIRA-owned properties (e.g. extension period of agreement to lease MIRA-owned property adjacent to Shelton Landfill expires April 30, 2023)
- Requests for information or related solicitations to provide pathway for developers to communicate partnership opportunities and planning-level needs to MIRA's Board of Directors.

**FISCAL YEAR 2023 LEGAL REQUEST FOR SERVICES**

**FOR PERIOD ENDING 02/28/23**

LEGAL FIRM	Matter	Board Approval	PO Number	PO Amount	FY23 expenses paid from FY22 PO	FY22 expenses paid from FY23 PO	FY23 accrued estimates	FY22 expenses Paid from FY22 PO (not accrued in FY22)	FY22 over/under accrual, Refunds received etc	Total per General ledger
Cohn Birnbaum & Shea	South Meadows Exit Strategy		PO#15237	\$ 20,000	\$ 3,364					\$ 3,364
	Ellington									\$ -
<b>Total Cohn Birnbaum &amp; Shea</b>		<b>\$25,000.00</b>		<b>\$ 20,000</b>	<b>\$ 3,364</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,364</b>
Day Pitney	NPDES Permitting Support			\$ -						\$ -
<b>Total Day Pitney</b>		<b>\$0.00</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Halloran & Sage	GC - Authority Budget		PO#15218	\$ 25,000	\$ 25,000		\$ -	\$ 21,506	\$ (22,000)	\$ 24,506
			PO#15350	\$ 25,000	\$ 12,484		\$ 12,516			\$ 25,000
			PO#15474	\$ 25,000			\$ 25,344			\$ 25,344
	Property Division		PO# 15365	\$ 5,000	\$ 236					\$ 236
	CSWS		PO#15233	\$ 25,000	\$ 118		\$ 5,030		\$ (5,000)	\$ 148
										\$ -
	NAES - CSWS Legal Reserve		PO#15228	\$ 50,000	\$ 36,079		\$ 325	\$ 4,602	\$ (5,000)	\$ 36,005
										\$ -
										\$ -
										\$ -
										\$ -
	Landfill Division									\$ -
	MidCT									\$ -
<b>Beginning Halloran &amp; Sage</b>		<b>\$630,000.00</b>		<b>\$ 155,000</b>	<b>\$ 73,917</b>	<b>\$ -</b>	<b>\$ 43,214</b>	<b>\$ 26,108</b>	<b>\$ (32,000)</b>	<b>\$ 111,238</b>
Kainen, Escalera & McHale	Employment		PO#15149	\$ 20,000	\$ 19,626	\$ 374	\$ -			\$ 20,000
	Employment - CSWS Legal Reserve		PO#15323	\$ 50,000	\$ 45,691		\$ 3,559			\$ 49,250
	Employment		PO#15367	\$ 50,000						\$ -
	Employment - CSWS Legal Reserve		PO Pending	\$ 25,000						\$ -
<b>Total Kainen, Escalera &amp; McHale</b>		<b>\$130,000.00</b>		<b>\$ 70,000</b>	<b>\$ 19,626</b>	<b>\$ 374</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 69,250</b>
Melick & Porter	Tremont									\$ -
										\$ -
<b>Total Melick &amp; Porter</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTALS:</b>		<b>\$785,000.00</b>		<b>\$ 245,000</b>	<b>\$ 96,907</b>	<b>\$ 374</b>	<b>\$ 43,214</b>	<b>\$ 26,108</b>	<b>\$ (32,000)</b>	<b>\$ 183,852</b>

*Agrees with Gen. Ledger*

Start new year:	
Cohn Birnbaum Shea	10,000.00
Halloran & Sage	330,000.00
Kainen	30,000.00
CSWS Legal Reserve-NAES	200,000.00
<b>\$</b>	<b>570,000.00</b>
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 increase	\$ 100,000.00 *
<b>\$</b>	<b>785,000.00</b>

**TAB C**

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

**February-23**

### MSW Monthly Customer Delivery Summary

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Feb 22	Feb 23	Growth
<b>CSWS MSW</b>									
Tier 1 - Original Long	5,726	6,343	11%	3,969	4,150	5%	463	386	(17%)
Tier 1 - Amended Short	56,809	52,848	(7%)	35,615	29,397	(17%)	3,489	2,929	(16%)
Tier 1 - Swapped					924	-	0	232	-
<b>MSW TOTAL</b>	<b>62,535</b>	<b>59,191</b>	<b>(5%)</b>	<b>39,584</b>	<b>34,471</b>	<b>(15%)</b>	<b>3,953</b>	<b>3,546</b>	<b>(11%)</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	Feb 22	Feb 23	Growth
Deep River	3,087	3,454	12%	2,132	2,243	5%	270	213	(21%)
Essex	2,640	2,889	9%	1,837	1,907	4%	193	173	(10%)
<b>TOTAL TIER 1 - Original Long</b>	<b>5,726</b>	<b>6,343</b>	<b>11%</b>	<b>3,969</b>	<b>4,150</b>	<b>5%</b>	<b>463</b>	<b>386</b>	<b>(17%)</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	Feb 22	Feb 23	Growth
Canaan	496	499	1%	338	316	(7%)	43	36	(15%)
Chester	1,392	936	(33%)	756	641	(15%)	55	76	37%
Clinton	8,371	7,607	(9%)	5,210	3,245	(38%)	522	395	(24%)
Colebrook	595	642	8%	429	404	(6%)	38	36	(4%)
Cornwall	599	559	(7%)	375	363	(3%)	44	42	(5%)
Durham/Middlefield	5,988	3,614	(40%)	2,606	1,636	(37%)	182	169	(7%)
Goshen	1,543	1,418	(8%)	970	898	(7%)	88	84	(4%)
Haddam	3,495	3,361	(4%)	2,290	2,039	(11%)	232	203	(13%)
Killingworth	1,647	1,796	9%	1,135	1,019	(10%)	128	119	(7%)
Lyme	798	783	(2%)	525	522	(0%)	56	50	(10%)
Middlebury	2,504	2,192	(12%)	1,476	636	(57%)	162	56	(65%)
Norfolk	774	731	(6%)	510	459	(10%)	47	41	(13%)
North Canaan	2,054	2,017	(2%)	1,366	1,276	(7%)	135	128	(5%)
Old Saybrook	8,715	8,572	(2%)	5,856	4,757	(19%)	586	484	(17%)
RRDD#1	11,319	10,939	(3%)	7,273	6,857	(6%)	693	663	(4%)
Salisbury/Sharon	3,508	3,280	(6%)	2,193	1,968	(10%)	201	165	(18%)
Westbrook	3,010	3,902	30%	2,307	2,361	2%	277	181	(34%)
<b>TOTAL TIER 1 - Amended Short</b>	<b>56,809</b>	<b>52,848</b>	<b>(7%)</b>	<b>35,615</b>	<b>29,397</b>	<b>(17%)</b>	<b>3,489</b>	<b>2,929</b>	<b>(16%)</b>

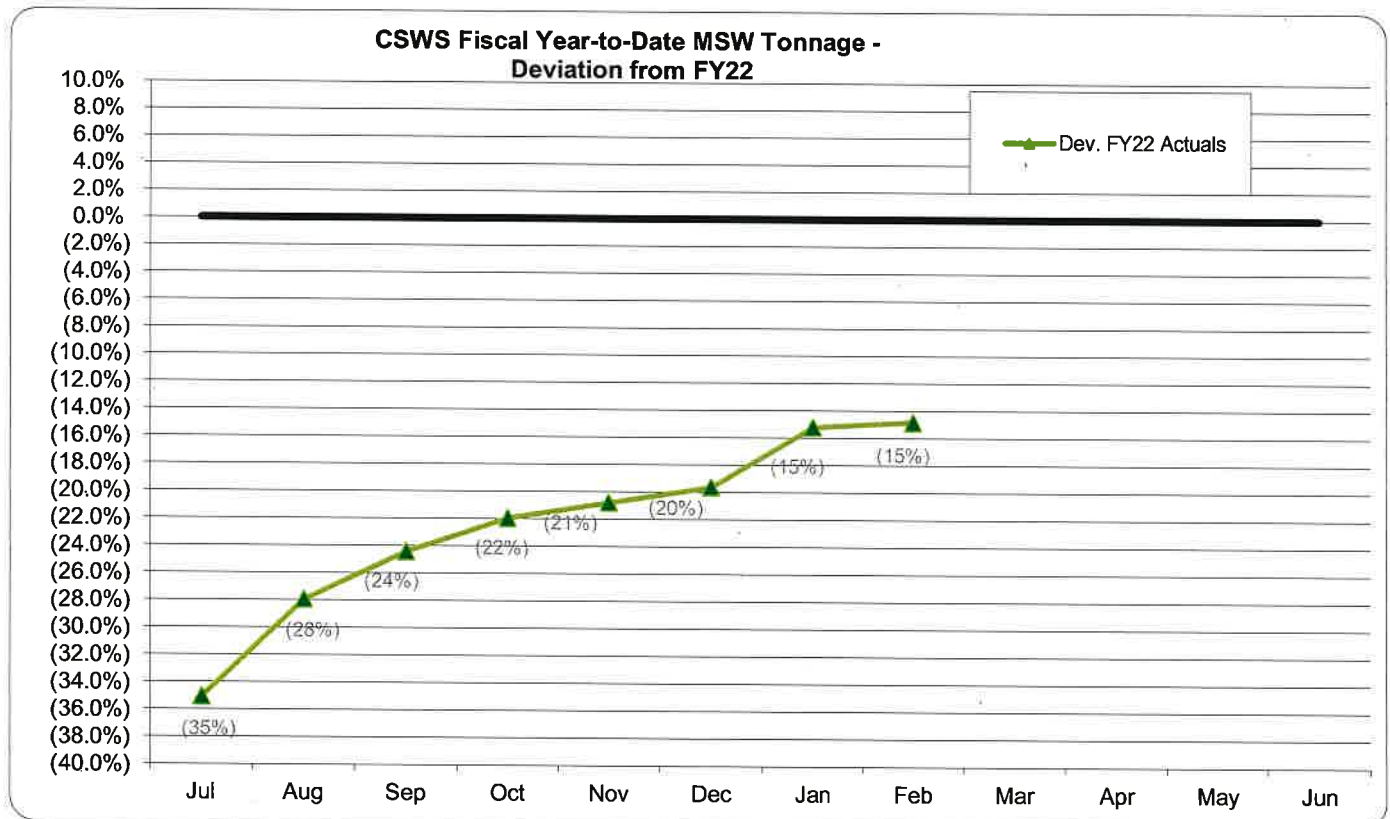
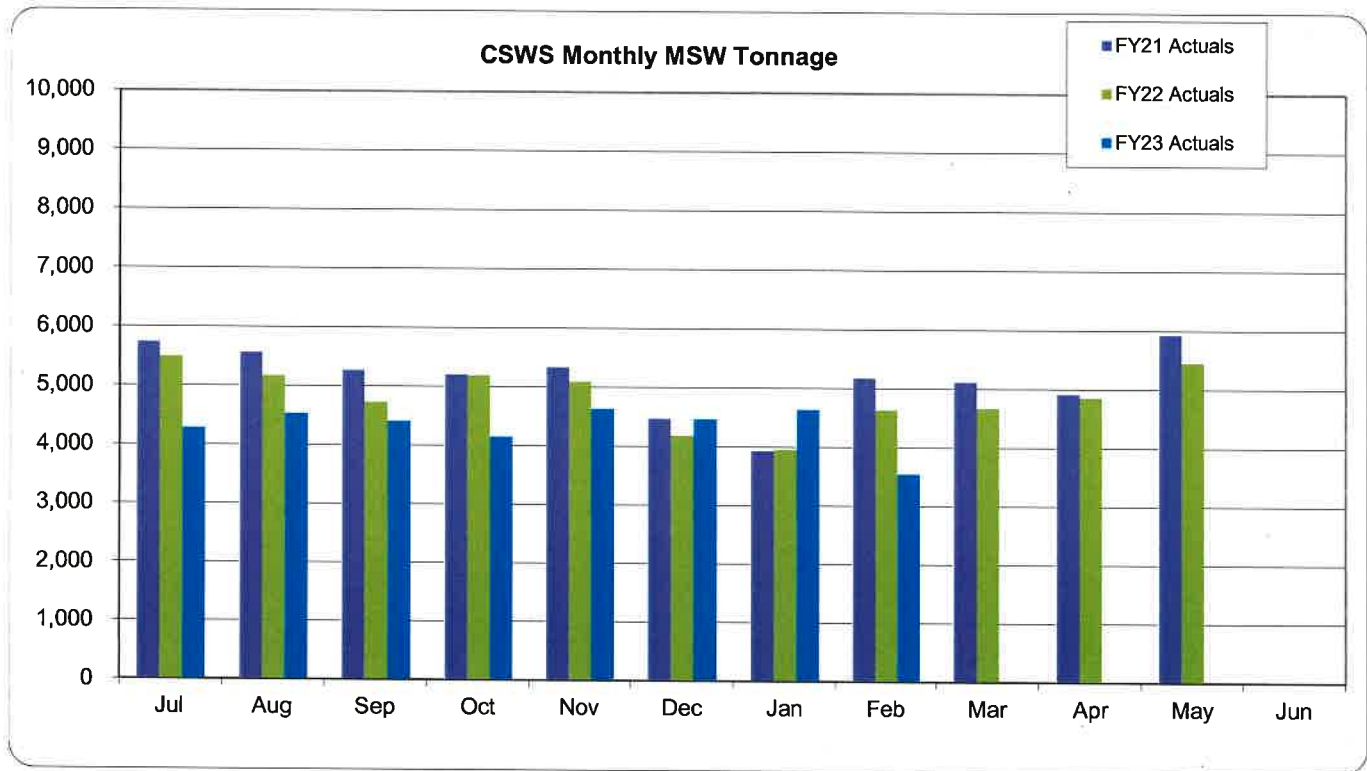
<b>CSWS Tier 1 Swapped for Participating Municipality MSW</b>									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Feb 22	Feb 23	Growth
Guilford/Madison			-	0	924	-	0	232	-
<b>TOTAL TIER 1 - Swapped</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>924</b>	<b>-</b>	<b>0</b>	<b>232</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	Feb 22	Feb 23	Growth
<b>CSWS Recyclables</b>									
Tier 1 - Original Long	1,040	1,264	22%	788	819	4%	104	79	(24%)
Tier 1 - Amended Short	10,902	9,842	(10%)	6,512	6,441	(1%)	677	632	(7%)
RECYC. TOTAL	11,942	11,106	(7%)	7,300	7,259	(1%)	781	711	(9%)

### 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	Feb 22	Feb 23	Growth
Deep River	292	415	42%	258	217	(16%)	42	17	(59%)
Essex	748	848	13%	530	602	14%	62	62	0%
TOTAL TIER 1 - Original Long	1,040	1,264	22%	788	819	4%	104	79	(24%)

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	Feb 22	Feb 23	Growth
Canaan	204	154	(24%)	113	72	(36%)	7	7	(7%)
Chester	405	246	(39%)	212	244	15%	12	22	85%
Clinton	1,029	829	(20%)	466	606	30%	65	63	(3%)
Colebrook	206	206	(0%)	139	131	(6%)	14	13	(10%)
Cornwall	190	164	(14%)	108	101	(7%)	12	11	(5%)
Durham/Middlefield	903	666	(26%)	443	409	(8%)	47	41	(13%)
Goshen	383	342	(11%)	229	207	(10%)	22	18	(20%)
Haddam	672	627	(7%)	414	410	(1%)	48	41	(14%)
Killingworth	462	407	(12%)	269	261	(3%)	32	31	(3%)
Lyme	290	283	(2%)	190	192	1%	15	21	41%
Middlebury	922	860	(7%)	568	349	(39%)	65	28	(56%)
Norfolk	167	164	(2%)	110	123	11%	12	13	8%
North Canaan	251	261	4%	170	169	(0%)	21	12	(40%)
Old Saybrook	1,414	1,312	(7%)	901	859	(5%)	92	82	(11%)
RRDD#1	1,671	1,596	(4%)	1,063	1,068	0%	110	103	(7%)
Salisbury-Sharon	1,229	1,101	(10%)	762	648	(15%)	66	57	(13%)
Westbrook	503	625	24%	355	592	67%	38	69	82%
TOTAL TIER 1 - Amended Short	10,902	9,842	(10%)	6,512	6,441	(1%)	677	632	(7%)

(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

