



## MEMORANDUM

**TO:** MIRA Board of Directors  
**FROM:** James M. Hayden, Vice Chairman  
**DATE:** June 8, 2023  
**RE:** Notice of Regular Telephonic Meeting

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There is a *regular telephonic* meeting of the Board of Directors of the Materials Innovation and Recycling Authority (MIRA) scheduled on *Wednesday, June 14, 2023 at 9:30 a.m.*

*Members of the public may attend the meeting telephonically by calling (929) 205-6099, entering Meeting ID: 832 5648 0317, and entering Passcode: 566215# 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 April 12, 2023 Regular Board Meeting (*Attachment 1*).
- IV. Finance Committee Report
  - a. Review and Approve Resolution Regarding Approval of Spot Waste Solicitation Conducted March 2023 (*Attachment 2*).
  - b. Review and Approve Resolution Regarding Award of Outside Counsel Services (*Attachment 3*).
  - c. Review and Approve Resolution Regarding CSWS Commercial Hauler Agreement (*Attachment 4*).
  - d. Review and Approve Resolution Regarding Funding Contractor Severance for Jet Turbine Facility (*Attachment 5*).
  - e. Review and Approve Resolution Regarding Amendment to Power Products Management Services Agreement (*Attachment 6*).
  - f. Review and Approve Resolution Regarding Renewal of Employee Benefit Program for FY 2024 (*Attachment 7*).

- g. Review and Approve Resolution Regarding Renewal of Property, Casualty, Public Officials and Pollution Insurance Policies (***Attachment 8***).
- h. Review and Approve Resolution Regarding Amendment of Omnibus Amendment Agreement with Murphy Road Recycling (***Attachment 9***).
- i. Review and Approve Resolution Regarding Market Driven Sale of Surplus Jet Fuel (***Attachment 10***).

V. South Meadows Transition Committee Reports (Informational)

- a. Report Regarding South Meadows Development Plan Requirements, Post Closure Care Obligations and Area 3-3 Update (***Attachment 11***).
- b. Report Regarding South Meadows Site Electricity Consumption Mitigation and Jet Turbine Facility Shut Down (***Attachment 12***).
- c. Report Regarding South Meadows Closure Plan (***Attachment 13***).

VI. Chairman's and President's Report

- a. Attached Supplemental Information / Other Matters
- b. Legislative Update and Open Discussion

# ***TAB 1***

## MATERIALS INNOVATION AND RECYCLING AUTHORITY

**April 12, 2023**

A Regular meeting of the Board of Directors of the Materials Innovation and Recycling Authority was held via Zoom on Wednesday, April 12, 2023. Present via audio or video conferencing were:

### Appointed Directors:

Vice Chairman Jim Hayden  
Bert Hunter  
Carl Fortuna  
Ed Mone  
Leonard Assard  
Dave Steuber

### Ad Hoc Members:

### 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 Shepard, Environmental Compliance Manager

### Others Present:

Ann Catino, Halloran & Sage  
Daniel Jerram First Selectman from New Hartford

Vice Chairman Hayden called the meeting officially to order at 9:34 a.m. and said that a quorum was present. Vice Chairman Hayden note that Daniel Jerram was in attendance considering an appointment to the MIRA Board.

## 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 MARCH 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 Mone. The motion previously made and seconded was approved as follows:

<b>Directors</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Vice Chairman Jim Hayden	X		
Carl Fortuna (Not in attendance 3/8)			X
Bert Hunter	X		
Sue Weisselberg (Not in attendance)			
Ed Mone	X		
Leonard Assard	X		
Dave Steuber	X		
Rich Soderman (Not in attendance)			
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin (Not in attendance)			

**2. APPROVAL OF THE MINUTES OF THE MARCH 27, 2023 RECONVENED  
MEETING OF THE MARCH 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 Mone. The motion previously made and seconded was approved 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 (Not in attendance)			
Ed Mone	X		
Leonard Assard	X		
Dave Steuber	X		
Rich Soderman (Not in attendance)			
<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin (Not in attendance)			

3. **REVIEW AND APPROVE RESOLUTION REGARDING APPROVAL OF SPOT WASTE SOLICITATION CONDUCTED MARCH 2023**

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

**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.

Mr. Daley noted that this solicitation exceeds \$50,000 and requires a super majority vote which we do not have present at this meeting so the item will need to be tabled. Mr. Daley briefed the directors present noting that MIRA undertook a solicitation for spot waste as permitted in our procedures for market driven purchases. He said we essentially have a shortage of waste delivered to Preston that is causing potential delivery penalties that we are trying to mitigate by awarding 280 tons per week to the Eastern Transfer Station at a price of \$75 per ton direct to Preston on our account which requires no handling by MIRA. This effectively cuts our potential penalty in half which results in total savings of \$86,700. Mr. Daley again noted the item needs to be tabled since we do not have a super majority present but we are required to report these market driven purchases as soon as possible which we are doing at this meeting.

The motion previously made and seconded was tabled.

4. **REPORT ON PRESENTATION OF SOUTH MEADOWS PROPERTY TRANSFER, SITE ASSESSMENT AND REMEDIATION**

Vice Chairman Hayden requested a report on the aforementioned presentation. Committee Chairman Mone deferred to Mr. Daley.

Mr. Daley noted that in this presentation we are following up on three items from our initial presentation last month that laid out the background of our prior remediation work at the site. He said the first item concerns the background and rationale for remediation to the industrial / commercial standard. Mr. Daley noted he discussed this with Ann Catino and the remediation standard reflects the zoning of the site at the time and it was part of the consideration for the overall transaction when MIRA acquired the property in the spring of 2001. At that time MIRA agreed to pay \$10 million for the site with the expectation it would be remediated under the transfer act to the industrial / commercial standard at a cost of \$26 million. He said the remediation plan presumed continued use of the property for its then current energy generation purposes but there was a small area identified for potential office / residential use. The remediation plan was based on phase I and II environmental assessments conducted prior to the

acquisition that informed the scope and cost of remediation. Mr. Daley added that these initial assessments included 466 soil and groundwater test borings that were conducted and are documented in the presentation as the second follow up from our first meeting. Mr. Daley also noted that the borings are now mapped and we have also included mapping of the CL&P easements as the third follow up item. Mr. Daley noted that our next step here will be to follow up further in documenting the remediation insurance that remains in place, the development plan underlying the scope of work for the remediation, the current Area 33-3 remediation work and the post closure care obligations under the remediation contract. Mr. Daley requested that Chris Shepard go through the full presentation for the directors. Mr. Shepard reviewed the details of the property transfer and transfer act requirements, environmental due diligence undertaken by both parties including the site assessments, soil and groundwater samples, the development plan, easements and scope of remediation, the Conceptual Site Model and final remediation work to be conducted shortly in Area 3-3 . The directors discussed various aspects of the background and remediation and Mr. Shepard responded to questions from the directors.

##### **5. REPORT ON PRESENTATION OF SOUTH MEADOWS WTE FACILITY SHUT DOWN AND ENERGY CONSUMPTION**

Vice Chairman Hayden a report on the aforementioned presentation.

Mr. Daley reminded the Board that our general plan for this Committee is to document the prior efforts and status of the transfer act remediation but also the current steps taken to properly shut down the plant which logically led us to our efforts to reduce energy consumption. Dave Bodendorf took the Committee through these shut down efforts which I will summarize and then turn over to Dave for a full discussion. Mr. Daley also noted that a third stage of the Committee's work is then to document what will be done in the formal closure once that is approved by DEEP, and then we can hopefully move on to the review of possible future uses of the site.

Mr. Daley summarized the aforementioned presentation as documenting the cessation of waste deliveries and combustion, removal of ash and equipment oils from the site removing radioactive devices and ultimately reducing energy consumption at the site. He said the takebacks from this presentation included the scheduling of a tour of the facility for interested directors which will occur tomorrow, and there may be interest in a tour from DEEP and key legislators which we will make available. He said an additional takeback reflected an offer of assistance on the energy consumption issue from Director Soderman based on his energy industry expertise which we are taking advantage of.

Mr. Daley requested that Dave Bodendorf review the full presentation with the Board. Mr. Bodendorf reviewed the completion of waste deliveries, processing of waste into refuse derived fuel, cessation of combustion and shipments of ash from the facility, tasks completed after facility shut down, the process, status and next steps for reducing energy consumption at the site. The directors discussed various aspects of the shut down and Mr. Bodendorf responded to questions from the directors.

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

Vice Chairman Hayden noted that the OS&HR Committee met this morning to review the renewal of health plans which will be brought to the May or June Board and requested Mr. Daley provide the President's report. Mr. Daley stated he had a number of items he would go through quickly.

Mr. Daley noted that MIRA participated in the Ct Recyclers Coalition annual meeting this past Monday. He noted his participation in a panel discussion including the OPM Secretary and DEEP Deputy Commissioner on the future of MIRA and Connecticut's waste.

Mr. Daley noted the South Meadows Tour set up for tomorrow which will be made available to DEEP, legislators or and other directors.

Mr. Daley further noted today's attendance of and possible appointment of Dan Jerram by Senate Republican Leader Kevin Kelly to fill Don Stein's seat.

Mr. Daley noted that the State audit for FY 2021 and FY 2022 is now underway and we are providing the auditors all requested information.

Mr. Daley further noted MIRA has provided proposed changes to HB 6664 and the presentation material provided to legislators to the Governor's Chief of Staff.

Mr. Daley stated we are in the process of renewing our Property / Casualty insurance policies which expire June 30. He said a super majority will be required for this action and we are targeting the May Board. Otherwise this will need to be done at the June Board. Mr. Daley added that the health insurance renewals are on the same schedule.

Mr. Daley stated a third item that will require a super majority is MIRA award of outside legal counsel contracts. He said we have received qualifications packages and the Finance Committee agreed that Mr. Guzowski and Daley will form the evaluation committee with input from Finance Committee members as desired.

Mr. Daley also noted the current status of our Golf Center lease in Shelton which is expiring April 30. He said MIRA has notified the tenant of its hold over tenancy requirements and expects a completed appraisal by the end of the month to potentially sell the property of lease it at market value. Director Hunter inquired as to MIRA's ability to use a consent agenda. Mr. Daley stated he did not believe that was incorporated in our bylaws but would check. Ann Catino agreed to review the bylaws for this. Director Assard inquired if the bylaws could be changed. Mr. Daley stated the \$50,000 threshold issue was statutory but other aspects of the bylaws reflecting Board preferences could be modified.

Mr. Daley informed the board of a request received from CWPM to use a bay at the Essex Transfer Station for recycling deliveries from a town that previously opted out of MIRA. He said this accommodation would be more attractive if it involved MSW that would reduce our exposure to Covanta delivery shortfalls which CWPM was not interested in. He said the request

would be memorialized and brought to Finance Committee to determine if there is interest in proceeding. Director Hunter inquired as to the extent of duration of the accommodation. Mr. Daley stated it would likely be for the term of the transfer station operator contract with a termination if the area was needed back by MIRA.

Mr. Daley summarized MIRA's financial performance for the period ending February 28, 2023. He said the Property Division has generated total operating income of \$5.59 million year to date which is \$1.78 million or 46.6% above budget. He added that the CSWS has incurred a year to date operating loss of \$5.3 million which is \$246 thousand worse than budget. The CSWS transition contingency is adequate to accommodate the higher operating loss driven by the early shut down.

Mr. Daley stated that waste deliveries remained under budget due to diversion of CSWS waste. MIRA has followed up with DEEP on its prior requests for enforcement assistance and is now pursuing additional possible remedies.

Mr. Daley added that, in terms of cash flow, the Property Division generated sufficient receipts to transfer \$22 thousand to the Property Division General Fund since we reached the cap on distributions to the tip fee stabilization fund. The Property Division's operating account increased by \$663 thousand this past month. The CSWS drew \$599 thousand from the tip fee stabilization fund in support of its operations.

Mr. Daley added that the Finance Committee has now had its first look at the purchasing reports previously assigned to the P&P Committee.

## **7. ADJOURNMENT**

Vice Chairman Hayden requested a motion to adjourn AT 10:51. The motion was made by Director Assard and seconded by Director Hunter. The motion was approved 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 (Not in attendance)			
Ed Mone	X		
Leonard Assard	X		
Dave Steuber	X		
Rich Soderman (Not in attendance)			

<b>Ad Hoc Members</b>	<b>Aye</b>	<b>Nay</b>	<b>Abstain</b>
Luke Bronin (Not in attendance)			

# ***TAB 2***



*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:	May 10, 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**

*May 10, 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.

# ***TAB 3***

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

### REGARDING THREE-YEAR LEGAL SERVICE AGREEMENTS

**RESOLVED:** That the President is hereby authorized to execute, deliver, and perform on behalf of the Authority, Legal Service Agreements as were substantially set forth in Attachment 1 to the Request for Qualifications issued February 14, 2023 for a period of three years commencing on July 1, 2023 and terminating on June 30, 2026, with the law firms listed below. All work performed under these agreements will be pursuant to a request for service in accordance with the agreement.

#### GENERAL COUNSEL

Halloran & Sage

#### CONSTRUCTION

Brown Rudnick LLP

Halloran & Sage

Updike, Kelly & Spellacy

West Group Law

#### EMPLOYMENT

Kainen, Escalera

Halloran & Sage

Cohn Birnbaum & Shea

Updike, Kelly & Spellacy

Zangari Cohn Cuthbertson Duhl & Grello

#### ENERGY/PURA

Halloran & Sage

Updike, Kelly & Spellacy

Brown Rudnick LLP

West Group Law

#### ENVIRONMENTAL

Halloran & Sage

Cohn Birnbaum & Shea

Updike, Kelly & Spellacy

Brown Rudnick LLP

West Group Law

#### LITIGATION

Halloran & Sage

Cohn Birnbaum & Shea

Crumbie Law Group LLC

Kainen, Escalera

Updike, Kelly & Spellacy

West Group Law

#### REAL ESTATE

Halloran & Sage

Brown Rudnick LLP

West Group Law

Cohn Birnbaum & Shea

Updike, Kelly & Spellacy

Crumbie Law Group LLC

#### SOLID WASTE

Halloran & Sage

Cohn Birnbaum & Shea

Updike, Kelly & Spellacy

West Group Law

## PROCEDURAL REQUIREMENTS (LEGAL SERVICES)

Author: Mark Daley, President & CFO

### Committee Requirements:

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

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

### Board Requirements:

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

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



## **BACKGROUND**

### **Materials Innovation and Recycling Authority Finance Committee Solicitation of Legal Services For a Three Year Term beginning July 1, 2023**

#### **Executive Summary**

This is to request that the MIRA Board of Directors authorize the President to enter into agreements with the firms identified on the attached list to provide legal services as described herein for the three-year period beginning July 1, 2023 and ending June 30, 2026.

#### **Discussion**

In the course of conducting its business, MIRA requires the assistance of attorneys and law firms to provide various legal services and legal representation. MIRA's "Procurement Policies and Procedures" establishes a "Request for Qualifications" ("RFQ") process to obtain such services. The RFQ process is "a process by which MIRA identifies persons to perform services on behalf of . . . MIRA through the solicitation of qualifications, experience, [and] prices." MIRA has historically used the RFQ process to pre-qualify firms for a variety of legal services that it requires. MIRA makes no financial commitment to any firm in the three year services Agreements that are executed as an outcome of the RFQ process. The RFQ process simply qualifies a firm as eligible to undertake work for MIRA at a later date and for an agreed upon billing rate, when a specific need is actually identified during the term of the Agreement. Any such future work would be procured through a Request for Services ("RFS").

In accordance with its Procurement Policies and Procedures, and the Connecticut General Statutes, MIRA is required to solicit for technical and professional services (including legal services) once every three years. Legal Services Agreements currently in effect will expire on June 30, 2023.

Accordingly, MIRA issued an RFQ for Legal Services on February 14, 2023, in order to solicit firms with which to contract for a new three year period beginning July 1, 2023.

The availability of the RFQ was advertised on the Department of Administrative Services State Contracting Portal website and on the MIRA website. In addition:

- A notice regarding the availability of the RFQ was sent to twenty (20) firms who submitted a statement of qualifications to the Authority when the Authority previously issued an RFQ for legal and/or bond counsel services in 2014, 2017 or 2020.

A total of eight packages were received providing a minimum of three respondents to each each category of service as shown on Attachment A. All were determined by the MIRA Supply Chain Manager to be administratively complete. The Finance Committee designated the Management group to evaluate the responsive firms for all categories of service. Management reviewed each firm's experience, qualifications and expertise, state presence, and proposed rates, and considered each in light of MIRA's anticipated legal requirements during Fiscal Years 2024 through 2026.

Management believes that the Authority will be best served during this period by continuing to rely upon the advice of counsel who have served it well in the past and who are familiar with our existing contracts and business arrangements (Halloran & Sage, Kainen Escalara & McHale, Cohn Birnbaum & Shea, and Updike, Kelly & Spellacy), and by supplementing our potential pool of available counsel in response to changes to MIRA's mission and business model with services available through, Brown Rudnick LLP, Crumbie Law Group, West Group Law, and Zangari Cohn Cuthbertson Duhl & Grello. Accordingly, Management's recommendation is to contract with all firms submitting for the services offered with the exception of General Counsel which should be awarded to a sole firm (Halloran & Sage).

## SOLICITATION OF LEGAL SERVICES

## ATTACHMENT 1

REQUEST FOR QUALIFICATIONS FOR LEGAL SERVICES  
2023 SOQ SUBMITTERS

Firm Name	Contact First and Last Name	Address	City	Service Categories Submitted													
				General Counsel	Employment Law	Environmental Law	Real Estate/P&Z	Energy Law/PURA	Construction Law	Litigation	Solid Waste Industry	Number of Categories	CT SBE (Y/N)	CT MBE (Y/N)	Current MIRA contractor	Active as entity with CT SOS?	Date formed per CT SOS
Brown Rudnick LLP	Kyle Johnson	185 Asylum Street	Hartford			X	X	X	X			4	N	N		Y	Feb-02
Cohn Birnbaum & Shea P.C.	Melvin Simon	City Place II, 15th Floor	Hartford		X	X	X			X	X	5	Y	N	Y	Y	Nov-77
Crumbie Law Group LLC	Andrew Crumbie	100 Pearl Street, 12th Floor	Hartford				X			X		2	Y	Y		Y	Feb-08
Kainen, Escalera & McHale, P.C.	Miguel A. Escalera Jr.	21 Oak Street Suite 601	Hartford		X					X		2	Y	N	Y	Y	Jan-00
Halloran & Sage LLP/Halloran Sage	Ann M. Catino	225 Asylum Street 18th Floor	Hartford	X	X	X	X	X	X	X	X	8	N	N	Y	Y	Feb-97
Updike, Kelly & Spellacy, P.C.	Michael P. Botelho	225 Asylum Street 20th Floor	Hartford	X	X	X	X	X	X	X	X	8	N	N	Y	Y	Jan-70
West Group Law PLLC	Teno A. West	180 Church Street Suite 213	Naugatuck	X		X	X	X	X	X	X	7	N	N		Y	Feb-22
Zangan Cohn Culhbertson Duhl & Grello P.C.	Nicholas J. Grello	750 Main Street, Suite 902	Hartford		X							1	N	N		Y	Feb-05
# Respondents by category				3	5	5	6	4	4	6	4		3	1	4	8	

## ***Tab 4***

RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF DIRECTORS

**REGARDING**  
**THE CONNECTICUT SOLID WASTE SYSTEM SOLID WASTE AND RECYCLABLES DELIVERY AGREEMENT**  
**(COMMERCIAL HAULER AGREEMENT)**

**RESOLVED:** The President is authorized to enter into revenue contracts with commercial haulers for the delivery of Acceptable Solid Waste and Acceptable Recyclables to the Connecticut Solid Waste System, substantially as presented and discussed at this meeting.

## PROCEDURAL REQUIREMENTS (COMMERCIAL HAULER AGREEMENT)

Author: Roger Guzowski, Supply Chain Manager

### Committee Requirements:

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

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

### Board Requirements:

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

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

## Connecticut Solid Waste System

### Solid Waste and Recyclables Delivery Agreement

#### CONTRACT SUMMARY

Presented to Board:	May 10, 2023
Counterparty:	Commercial Waste Haulers
Contract Type:	Revenue - Standard Form Solid Waste Delivery Agreement
Facility:	Connecticut Solid Waste System Facilities
Term:	One year (7/1/2023 – 6/30/2024)
General:	<p>This Agreement governs deliveries of MSW received from Commercial Haulers which originate in Tier 1 municipalities for which MIRA bills the Commercial Hauler directly. For MSW delivered from Tier 1 Short Term municipalities Commercial Haulers will be billed \$116.00 per ton, and from Tier 1 Long Term Municipalities, \$118.00 per ton.</p>
Service Fees:	<p><u>Municipal Solid Waste</u></p> <p>\$116.00/ton (MSW from Tier 1 Short Term Municipalities) \$118.00/ton (MSW from Tier 1 Long Term Municipalities)</p> <p><u>Recyclables</u></p> <p>MIRA will only accept recyclables from Tier 1 municipalities; these recyclables are accepted at no charge.</p>
Delivery Requirement:	Hauler agrees to deliver all Acceptable Solid Waste collected within the corporate boundaries of the Connecticut Solid Waste System Tier 1 Participating Municipalities, and all residential and municipal Acceptable Recyclables under its control collected within the corporate boundaries of the Connecticut Solid Waste System Tier 1 Participating Municipalities.
Delivery Standard:	Acceptable Solid Waste and Acceptable Recyclables in accordance with Connecticut Solid Waste System Permitting, Disposal & Billing Procedures.
Credit Security:	Guaranty of payment in a form of letter of credit, surety bond or cashier's check in the amount equal to 2 months of waste delivery charges.

**Materials Innovation & Recycling Authority  
Connecticut Solid Waste System**

**Standard Form  
Municipal Solid Waste and Recyclables Delivery Agreement**

*May 10, 2023*

**Executive Summary**

The current waste delivery agreements between MIRA and commercial waste haulers expire on June 30, 2023. MIRA management is seeking authorization to enter into new agreements with these waste haulers for the delivery of solid waste and recyclables to the Connecticut Solid Waste System.

**Discussion:**

Since 1998 MIRA has had Municipal Solid Waste Delivery Agreements with commercial waste hauling companies for the delivery of municipal solid waste (MSW). The current agreement between MIRA and its commercial waste hauling customers was effective July 1, 2022 and expires on June 30, 2023. The new agreement will be for a term of one year (July 1, 2023 through June 30, 2024).

The agreement requires Haulers to deliver all Acceptable Solid Waste under their control and collected from residential, municipal and commercial customers within the corporate boundaries of any Tier 1 Participating Municipality, and a requirement that the hauler deliver all Acceptable Recyclables under their control that are collected from residential and municipal customers within the corporate boundaries of any Tier 1 Participating Municipalities.

During Fiscal Year 2024, for MSW delivered from Tier 1 Short Term municipalities Commercial Haulers will be billed \$116.00 per ton, and from Tier 1 Long Term Municipalities, \$118.00 per ton.

In subsequent years (FY2025 through FY2027), the tip that Commercial Haulers will pay pursuant to future waste hauler agreements will be the Tier 1 Long Term and Tier 1 Short Term Tip Fees which will be set by the MIRA Board of Directors prior to the beginning of each fiscal year, in accordance with the provisions in the Tier 1 municipal service agreements.

The agreement provides for a guaranty of payment equal to 2 months of projected deliveries.

## ***Tab 5***



RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF DIRECTORS

**REGARDING FUNDING CONTRACTOR SEVERANCE FOR JET TURBINE FACILITY**

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

**WHEREAS**, such amendment specified 89 NAES employees eligible to participate in such Contractor Severance Program; and

**WHEREAS**, such amendment provided that MIRA shall fund such Contractor Severance Program first through use of the adopted Budget for the MIRA's fiscal year commencing July 1, 2021, second through transfer of surplus funds identified by MIRA within the overall Facility or Connecticut Solid Waste System ("CSWS") budget, third through use of such reserve funds as may subsequently be established by MIRA for such purpose and forth through any such Budget, Facility or CSWS budgets as may subsequently be adopted for MIRA's fiscal year commencing July 1, 2022; and

**WHEREAS**, at its June 15, 2022 Board of Directors meeting, the MIRA Board authorized the use of the Transition Contingency Reserve, through the CSWS Major Maintenance Fund, to fund the NAES Contractor Severance Program costs for the Facility estimated at two million dollars (\$2,000,000) for the fiscal year commencing July 1, 2022; and

**WHEREAS**, such Transition Contingency Reserve has been used to fund severance for 71 NAES employees at a cost of \$1,694,051 which excludes NEAS employees transferred from the Facility to the Jet Turbine Facility needed to staff the Jet Turbine Facility as required through the May 31, 2023 shutdown of the Jets and June 30, 2023 termination the Jets operating contract between MIRA and NAES; and

**WHEREAS**, Management now desires to designate MIRA's Property Division Operating Account as the fund through which Contractor Severance Program costs estimated at two hundred fifty thousand dollars for employees transferred to the Jet Turbine Facility will be paid.

**NOW THEREFORE, be it**

**RESOLVED:** That this Board hereby approves the designation and use of the Property Division Operating Account to fund the NAES Contractor Severance Program for employees transferred to the Jet Turbine Facility which shall be in addition to the adopted Property Division Operating Budget for Fiscal Year 2023.

## PROCEDURAL REQUIREMENTS (CONTRACTOR SEVERANCE)

Author: Mark Daley, President & CFO

### Committee Requirements:

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

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

### Board Requirements:

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

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

***Tab 6***

**RESOLUTION REGARDING AN AMENDMENT TO THE POWER PRODUCTS  
MANAGEMENT SERVICES AGREEMENT WITH NEXTERA ENERGY  
MARKETING, LLC**

**RESOLVED:** That the President is authorized to execute an amendment to the Power Products Management Services Agreement with Nextera Energy Marketing, LLC, substantially as discussed and presented at this meeting.

## PROCEDURAL REQUIREMENTS (Nextera Amendment)

Author: David Bodendorf, Manager of Eng., Const., and Power Assets

### Committee Requirements:

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

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

### Board Requirements:

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

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

# **Materials Innovation and Recycling Authority**

## **Contract Summary for Contract Entitled**

### **POWER PRODUCTS MANAGEMENT SERVICES AGREEMENT WITH NEXTERA ENERGY MARKETING, LLC**

Presented to the MIRA Board on:	May 10, 2023
Vendor/ Contractor(s):	Nextera Energy Marketing, LLC ("Nextera")
Effective date:	Upon Execution
Contract Type/Subject matter:	Power Products Management Services
Facility Affected:	MIRA Power Block Facility
Term:	11 Months Ending 5/31/2024
Contract Dollar Value:	\$7,150/month for 11 months of PBF remaining Capacity Supply Obligation in ISONE Market. Cost is \$78,650 for 11 months of PBF Market Obligation.
Term Extensions:	NA
Scope of Services:	Nextera to continue to perform power products management services and serve as MIRA's Lead Market Participant in the ISO-New England wholesale electric power market with respect to MIRA's Power Block Facility.
Other Pertinent Provisions:	None

# **Materials Innovation and Recycling Authority Amendment to Power Products Management Services Agreement with Nextera Energy Marketing, LLC**

*May 10, 2023*

## **Executive Summary**

MIRA contracts with Nextera Energy Marketing, LLC (“Nextera”) to manage MIRA’s electric power attributes pursuant to a contract that expires on June 30, 2023. This is to seek Board of Directors approval to execute an amendment to the existing Power Products Management Services Agreement between MIRA and Nextera Energy Marketing, LLC (“Nextera”) for 11 months during MIRA’s Fiscal Year 2024.

## **Discussion**

### **Background**

MIRA’s Jet Turbine Facility (“JTF”) and Power Block Facility (“PBF”) both participate in the ISO New England (“ISONE”) electricity market. The JTF and PBF both require electric power products management services, aka Lead Market Participant (“LMP”) services, in order to participate in the ISONE electric markets. From June 29, 2016 through June 30, 2023, MIRA has contracted with Nextera Energy Marketing, LLC, for these services, which contract was awarded through a competitive RFP process in accordance with MIRA’s Procurement Policy. Nextera was the only respondent to the RFP.

The JTF will end operation on May 31, 2023, and therefore will not require management services after that date. The PBF, although shut down to power production as of July 2022, continues to exist in the ISONE Capacity Market until its retirement on May 31, 2024, and MIRA will continue to receive payments for that capacity on a weekly basis through its LMP. Additionally, the PBF has a small amount of winter capacity supply obligation from October 2023 through May 2024 that must be managed by an LMP monthly through that period.

MIRA Staff reached out to Nextera and requested a price for extending its services with respect to the PBF. In consideration of a reduction in effort required for the remaining administrative activities, Nextera has agreed to reduce its monthly fee for the PBF from \$10,750 to \$7,150. It should be noted that the monthly fee of \$10,750 has not increased since the start of the contract in 2016.

### **Procurement Considerations**

MIRA’s Procurement Policies and Procedures require that all purchasing be done using a competitive process, except in certain circumstances which are considered exceptions to this requirement. One acceptable exception to the competitive process is when a procurement is awarded under Section 3.1.2.5 of the Policy, which states:

“Goods or services provided by a contractor who has special capability or unique experience, as determined by the Chief Financial Officer and the President if the cost of the goods or services is \$10,000 or less and as determined by a two-thirds (2/3) vote of the full CRRA Board of Directors if the cost of the goods or services is more than \$10,000”

#### Rationale for Amending Existing Agreement rather than undertaking a comprehensive RFQP Process

- 1) The RFQP process that MIRA undertook for these services in 2016 resulted in only one respondent.
- 2) If a new RFQP process was undertaken in 2023, it may again result in only one respondent, particularly because the contract term and scope is so short and narrow - a maximum of 11 months.
- 3) If a new contractor was to be awarded the work, some amount of “getting up to speed” would be required which would likely take several months.
- 4) Staff believes that a new contractor – not having the breadth of knowledge and experience of MIRA’s unique JTF and EGF portfolio would be more likely to make an error in the bid or auction processes as they come up the “learning curve”, resulting in the loss of revenue to MIRA. Such a risk would be minimized by extending with Nextera for 11 months.
- 5) Staff has held discussions with Nextera, who has agreed to reduce its monthly fee for the PBF by 33% from \$10,750 to \$7,150.
- 6) Considering MIRA’s additional short term need for a LMP – the 11 months of FY 2024 – a new RFQP process could result in Nextera being the only respondent, or the most qualified respondent, but at a higher price.
- 7) The cost of establishing a new LMP would likely outweigh the benefit.

Taking these points into consideration, staff believes that Nextera can be considered to have unique experience with MIRA’s PBF electric generating assets, particularly in the context of a short, 11 month contract amendment extending to the retirement of the PBF in the capacity market. Accordingly, management believes there is ample justification to award Nextera an amendment to the existing agreement, modified to include only services for the PBF for 11 months.

#### Financial Summary

MIRA will pay Nextera \$78,650,250 for 11 months of Power Block Facility Capacity Market Obligation. There are sufficient funds in the CSWS Division budget to cover these expenses.



# ***Tab 7***

**RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF DIRECTORS**  
**REGARDING RENEWAL OF EMPLOYEE BENEFIT PROGRAM FOR FY 2024**

WHEREAS, The Materials Innovation and Recycling Authority ("Authority") maintains certain health and welfare insurance policies for its employees which expire July 1, 2023; and

WHEREAS, The renewal of such policies is in the best interest of the Authority and contemplated within its Fiscal Year 2024 adopted budgets.

NOW THEREFORE, be it RESOLVED:

That the President is authorized to bind the following insurance policies effective for the period July 1, 2023 through June 30, 2024, in accordance with the recommendations contained in the Assured Partners Renewal Proposal dated May 31, 2023 attached hereto.

- Medical - Anthem
- Dental - Principal
- Vision - Principal
- Life / AD&D - Principal
- Voluntary Life / AD&D - Principal
- Short Term Disability - Principal
- Long Term Disability - Principal

## **PROCEDURAL REQUIREMENTS (EMPLOYEE BENEFIT PROGRAM)**

Author: Mark Daley, President & CFO

### Committee Requirements:

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

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

### Board Requirements:

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

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



POWER

*through Partnership*

Insurance Renewal Proposal For:



**Renewal Date:** July 1, 20223

**Presented By:**

Jennifer Roberts, Director Employee Benefits

(860)426-6149

Jennifer.Roberts@AssuredPartners.com

AssuredPartners New England, Inc.

One Financial Plaza

Hartford, CT 06103



## Agency Profile

### About Us

AssuredPartners New England is an insurance and employee benefits firm that offers creative risk solutions to commercial and private customers. From business and personal insurance services to group benefits, we utilize our industry knowledge, experience, and strong carrier relationships to create custom programs for each individual client.

With our main regional hub located in Hartford, CT (formerly known as People's United Insurance Agency, Inc.), our region includes locations in New York, Connecticut, Massachusetts, Vermont, and New Hampshire. Our group is comprised of some of the most reputable independent agencies and brokerage firms throughout this territory that have joined the AP family, including:

- People's United Insurance Agency
- RC Knox & Company
- Chittenden Insurance Group
- Beardsley, Brown & Bassett
- Bank of Smithtown Insurance Agents and Brokers, Inc.
- Kesten-Brown Insurance, LLC
- Eagle Insurance

### Power Through Partnership

At AssuredPartners, we're not just in the insurance business. We're in the business of developing strong, lasting relationships. Relationships built on trust that we earn day in and day out by collaborating with you as partners – where we view each other as equals, show mutual respect and work openly and honestly together to achieve common goals.

As true partners, our national team of dedicated, experienced insurance professionals always have your best interests in mind and are passionate about protecting your assets and helping you grow. Through listening, problem solving and collaboration, together we find the best new innovative solutions to fulfill your specific needs and promote your success – now and for the future. It's what we call power through partnership.



#### Platform for Growth

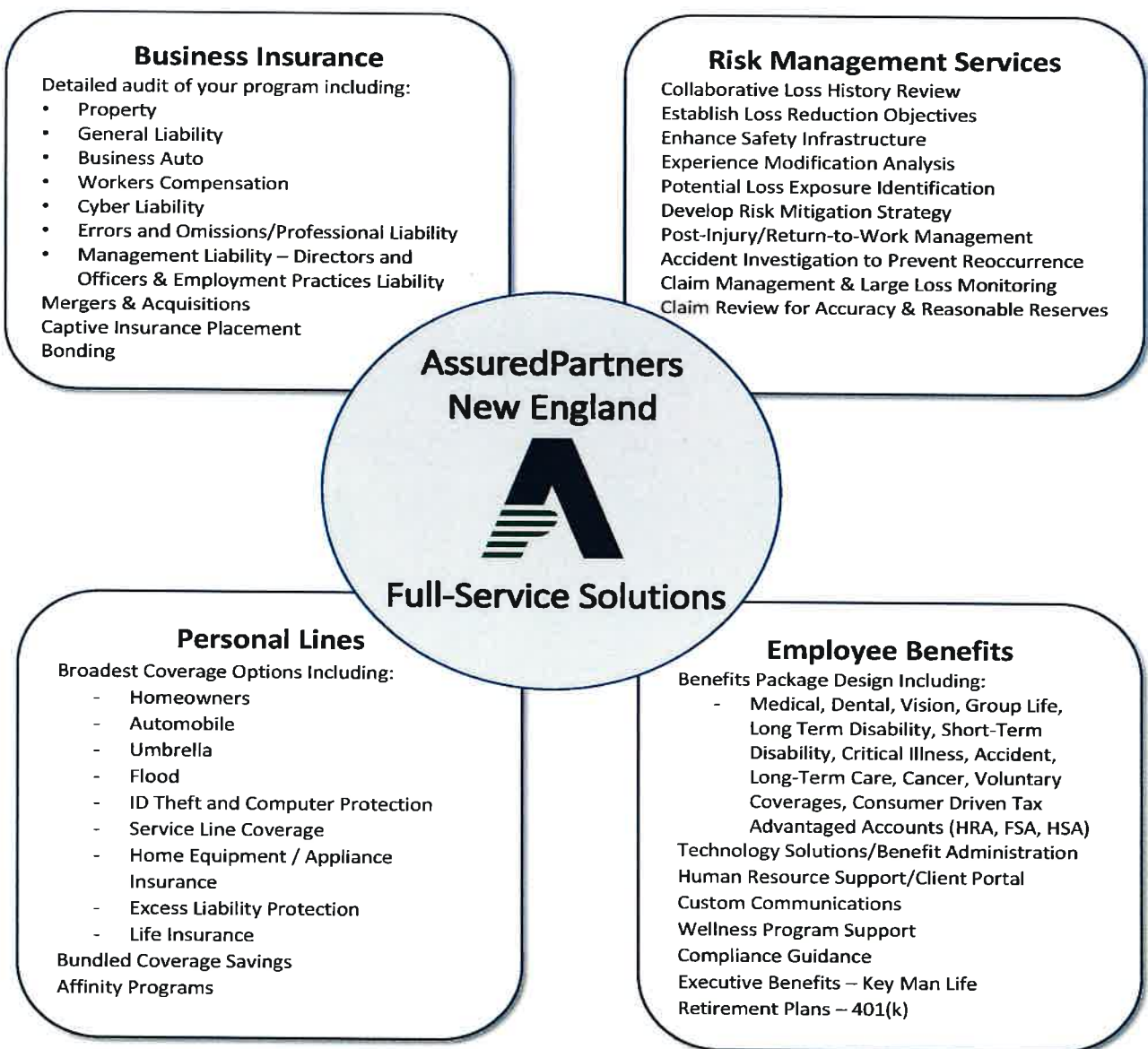
- AssuredPartners New England is a division of AssuredPartners (AP), the 11th largest broker of U.S. business (as ranked by Business Insurance in the July, 2020 edition, featuring the “100 Largest Brokers of U.S. Business”). As a division of AssuredPartners, we have the commitment, stability, and financial resources to serve clients.
- We are positioned for future growth and are committed to investing in client services that support our long-term vision and commitment to clients and colleagues.
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#### Client Value

- We help clients make informed risk and insurance choices to protect profitability, impact productivity, and enhance shareholder value. We do this by acting as a trusted advisor and outsourced risk management partner.
- By leveraging the collective resources of our team, we combine an ability to know the markets for our clients' unique needs with a consultative risk management approach to deliver customized risk management solutions.
- Our success is the result of a focused approach to meeting customer needs. AssuredPartners New England is the “right size” for our clients.

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We have solutions for all facets of your business, personal and risk management needs. Say goodbye to the confusion of multiple insurance agencies and discover the benefits of placing all your needs with AssuredPartners New England. A complete review of your existing program will enable us to develop a strategic, comprehensive insurance plan that addresses your unique needs.





## Materials Innovation and Recycling Authority



### Medical Plan Renewal

July 1, 2023

<b>Carrier:</b>		<b>Connecticut Partnership</b>	
<b>Plan Name:</b>		<i>State 2.0 Plan</i>	
<b>Metallic Level:</b>		Gold	
<b>Plan Type:</b>		PPO	
<b>PCP/Spec:</b>		\$15 / \$15	
<b>Inpatient Hospital:</b>		Ded,/ 0%	
<b>IN/OON Ind Ded:</b>		\$350/\$1400	
<b>IN/OON Ind OOPM:</b>		\$2,000/\$4,000	
<b>IN/OON Coins.:</b>		N/A	
<b>IN Prescription:</b>		\$350 Ded; then \$5/\$10, \$25, \$40	
<b>Employee Name</b>	<b>Cov</b>		
Arciaschi, Todd	EE	\$999.63	\$1,074.61
Bodendorf, Dave	FAM	\$2,622.95	\$2,808.41
Bouck, Erik	EO	\$999.63	\$1,074.61
Daley, Mark	ES	\$2,145.50	\$2,298.46
Deegan, Mollie	ES	\$2,145.50	\$2,298.46
Dillon, Barbara	EE	\$999.63	\$1,074.61
Jerome, Alan	ES	\$2,145.50	\$2,298.46
May, Christopher	FAM	\$2,622.95	\$2,808.41
Montanez, Sharon	EE	\$999.63	\$1,074.61
Reed, Matthew	FAM	\$2,622.95	\$2,808.41
Rice, Stephanie	EE	\$999.63	\$1,074.61
Shepard, Christopher	FAM	\$2,622.95	\$2,808.41
<b>Total Premium</b>		<b>\$21,926.45</b>	<b>\$23,502.07</b>
<b>Total Annual Premium</b>		<b>\$263,117.40</b>	<b>\$282,024.84</b>
<b>Annual Change</b>			<b>\$18,907.44</b>
<b>Renewal Increase</b>			<b>7.19%</b>



**Materials Innovation and Recycling Authority  
Medical Plan Renewal and Alternative Quotations**

**July 1, 2023**

<b>Carrier: Plan Name:</b>			<b>Current Anthem BCBS</b>	<b>Renewal Anthem BCBS</b>	<b>Alternative Gold Anthem BCBS</b>	<b>Alternative Gold Anthem BCBS</b>
			2022 Connecticut Partnership 2.0	2023 Connecticut Partnership 2.0	2023 Anthem Gold Pathway CT PPO 2000/20%/5000 Value - 75E9	2023 Anthem Gold Pathway CT PPO 25/7000 - 75DL
<b>Metallic Level: Plan Type: PCP/Spec:</b>			Gold PPO \$15/\$15	Gold PPO \$15/\$15	Gold PPO \$25 / \$60 after Ded	Gold PPO \$25 / \$60
<b>Inpatient Hospital:</b>			Deductible	Deductible	20% after Ded	\$700/Day up to \$2800
<b>In Network</b>			<b>In Network</b>	<b>In Network</b>	<b>In Network</b>	<b>In Network</b>
<b>Deductible</b>			\$350	\$350	\$2,000	\$0
<b>Out of Pocket Max</b>			\$2,000	\$2,000	\$5,000	\$7,000
<b>Coinsurance</b>			0%	0%	20%	0%
<b>Out of Network</b>			<b>Out of Network</b>	<b>Out of Network</b>	<b>Out of Network</b>	<b>Out of Network</b>
<b>Deductible</b>			\$1,400	\$1,400	\$6,000	\$2,000
<b>Out of Pocket Max</b>			\$4,000	\$4,000	\$15,000	\$21,000
<b>Coinsurance</b>			20%	20%	50%	50%
<b>IN Prescription:</b>			\$5/\$10/\$25/\$40	\$5/\$10/\$25/\$40	T1: \$10; T2: \$60; Ded then, T3: 30% up to \$500; T4: 30% up to \$1000	T1: \$10; T2: \$60; T3: 30% up to \$500; T4: 30% up to \$1000
<b>Employee Name</b>	<b>Age</b>	<b>Cov</b>	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Arcelaschi, Todd	49	EE	\$999.63	\$1,074.61	\$797.83	\$882.12
Bodendorf, David	55	FAM	\$2,622.95	\$2,808.41	\$2,935.96	\$3,246.16
Bouck, Erik	37	EE	\$999.63	\$1,074.61	\$578.96	\$640.13
Daley, Mark	60	ES	\$2,145.50	\$2,298.46	\$2,672.21	\$2,954.54
Deegan, Mollie	28	E1C	\$2,145.50	\$2,298.46	\$866.11	\$957.62
Dillon, Barbara	58	EE	\$999.63	\$1,074.61	\$1,191.60	\$1,317.49
Gaffey, Thomas	64	ES	NA	NA	2805.96	3102.42
Guzowski, Roger	52	FAM	NA	NA	2626.85	2904.38
Jerome, Alan	58	ES	\$2,145.50	\$2,298.46	\$2,331.29	\$2,577.59
Kaminsky, Cheryl	54	ES	NA	NA	2267.68	2507.27
May, Chris	53	FAM	\$2,622.95	\$2,808.41	\$2,512.74	\$2,778.21
Montanez, Sharon	38	EE	\$999.63	\$1,074.61	\$582.70	\$644.27
Reed, Matthew	59	E2C	\$2,622.95	\$2,808.41	\$2,402.37	\$2,656.19
Rice, Stephannie	59	EE	\$999.63	\$1,074.61	\$1,217.32	\$1,345.93
Shepard, Christopher	52	FAM	\$2,622.95	\$2,808.41	\$2,532.84	\$2,800.45
<b>Monthly Premium</b>			<b>\$21,926.45</b>	<b>\$23,502.07</b>	<b>\$20,621.93</b>	<b>\$22,800.70</b>
<b>Annual Premium</b>			<b>\$263,117.40</b>	<b>\$282,024.84</b>	<b>\$247,463.16</b>	<b>\$273,608.40</b>
<b>Percent Change</b>			<b>Incumbent</b>	<b>7.19%</b>	<b>-5.95%</b>	<b>3.99%</b>

**Materials Innovation and Recycling Authority  
Medical Plan Renewal and Alternative Quotations**

**July 1, 2023**

<b>Carrier: Plan Name:</b>			<b>Current Anthem BCBS</b>	<b>Renewal Anthem BCBS</b>	<b>Alternative Gold Cigna + Oscar</b>	<b>Alternative Gold Cigna + Oscar</b>
			<i>2022 Connecticut Partnership 2.0</i>	<i>2023 Connecticut Partnership 2.0</i>	<i>2023 Open Access Plus Gold \$0</i>	<i>2023 Open Access Plus Gold \$2000 HSA</i>
<b>Metallic Level:</b>			Gold	Gold	Gold	Gold
<b>Plan Type:</b>			PPO	PPO	PPO	PPO HSA
<b>PCP/Spec:</b>			\$15/\$15	\$15/\$15	\$40 / \$65	10% after Ded / 10% after Ded
<b>Inpatient Hospital:</b>			Deductible	Deductible	600	10% after Ded
<b>In Network</b>			<b>In Network</b>	<b>In Network</b>	<b>In Network</b>	<b>In Network</b>
<b>Deductible</b>			\$350	\$350	\$0	\$2,000
<b>Out of Pocket Max</b>			\$2,000	\$2,000	\$8,950	\$7,250
<b>Coinsurance</b>			0%	0%	20%	10%
<b>Out of Network</b>			<b>Out of Network</b>	<b>Out of Network</b>	<b>Out of Network</b>	<b>Out of Network</b>
<b>Deductible</b>			\$1,400	\$1,400	\$7,500	\$5,000
<b>Out of Pocket Max</b>			\$4,000	\$4,000	\$15,000	\$10,000
<b>Coinsurance</b>			20%	20%	50%	50%
<b>IN Prescription:</b>			\$5/\$10/\$25/\$40	\$5/\$10/\$25/\$40	G: \$3; PB: \$60; NPB: 30% up to \$500; S: 30% up to \$750	Ded then, G: \$3; PB: \$60; NPB: 20%; S: 20%
<b>Employee Name</b>	<b>Age</b>	<b>Cov</b>	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Arcelaschi, Todd	49	EE	\$999.63	\$1,074.61	\$997.84	\$800.91
Bodendorf, David	55	FAM	\$2,622.95	\$2,808.41	\$3,671.99	\$2,947.31
Bouck, Erik	37	EE	\$999.63	\$1,074.61	\$724.10	\$581.20
Daley, Mark	60	ES	\$2,145.50	\$2,298.46	\$3,342.11	\$2,682.53
Deegan, Mollie	28	E1C	\$2,145.50	\$2,298.46	\$1,083.23	\$869.45
Dillon, Barbara	58	EE	\$999.63	\$1,074.61	\$1,490.32	\$1,196.20
Gaffey, Thomas	64	ES	NA	NA	3509.39	2816.79
Guzowski, Roger	52	FAM	NA	NA	3285.37	2636.99
Jerome, Alan	58	ES	\$2,145.50	\$2,298.46	\$2,915.72	\$2,340.29
Kaminsky, Cheryl	54	ES	NA	NA	2836.17	2276.44
May, Chris	53	FAM	\$2,622.95	\$2,808.41	\$3,142.66	\$2,522.44
Montanez, Sharon	38	EE	\$999.63	\$1,074.61	\$728.78	\$584.95
Reed, Matthew	59	E2C	\$2,622.95	\$2,808.41	\$3,004.62	\$2,411.65
Rice, Stephannie	59	EE	\$999.63	\$1,074.61	\$1,522.49	\$1,222.02
Shepard, Christopher	52	FAM	\$2,622.95	\$2,808.41	\$3,167.81	\$2,542.63
<b>Monthly Premium</b>			<b>\$21,926.45</b>	<b>\$23,502.07</b>	<b>\$25,791.67</b>	<b>\$20,701.58</b>
<b>Annual Premium</b>			<b>\$263,117.40</b>	<b>\$282,024.84</b>	<b>\$309,500.04</b>	<b>\$248,418.96</b>
<b>Percent Change</b>			<b>Incumbent</b>	<b>7.19%</b>	<b>17.63%</b>	<b>-5.59%</b>

**Materials Innovation and Recycling Authority  
Medical Plan Summaries**

**July 1, 2023**

	<b>Current</b>	<b>Renewal</b>	<b>Alternative Gold</b>	<b>Alternative Gold</b>
<b>Carrier:</b>	<b>Anthem BCBS</b>	<b>Anthem BCBS</b>	<b>Anthem BCBS</b>	<b>Anthem BCBS</b>
<b>Plan Name:</b>	<i>2022 Connecticut Partnership 2.0</i>	<i>2023 Connecticut Partnership 2.0</i>	<i>2023 Anthem Gold Pathway CT PPO 2000/20%/5000 Value - 75F9</i>	<i>2023 Anthem Gold Pathway CT PPO 25/7000 - 75DL</i>
<b>Metallic Level:</b>	Gold	Gold	Gold	Gold
<b>Benefit Year</b>	Contract/Cal Option	Contract/Cal Option	Contract/Cal Option	Contract/Cal Option
<b>Individual Ded</b>	\$350.00	\$350.00	\$2,000.00	\$0.00
<b>Family Ded</b>	\$1,400.00	\$1,400.00	\$4,000.00	\$0.00
<b>Coinsurance</b>	0%	0%	20%	0%
<b>OOPM</b>	\$2,000.00	\$2,000.00	\$5,000.00	\$7,000.00
<b>Family OOPM</b>	\$4,000.00	\$4,000.00	\$10,000.00	\$14,000.00
<b>Referrals</b>	Not Required	Not Required	Not Required	Not Required
<b>PCP Office Visit</b>	\$15.00	\$15.00	\$25.00	\$25.00
<b>Specialist Office Visit</b>	\$15.00	\$15.00	\$60 after Ded	60
<b>Prev Adult Exams</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Prescription Drugs</b>	\$5/\$10/\$25/\$40	\$5/\$10/\$25/\$40	T1: \$10; T2: \$60; Ded then, T3: 30% up to \$500; T4: 30% up to \$1000	T1: \$10; T2: \$60; T3: 30% up to \$500; T4: 30% up to \$1000
<b>Mail Order Drug</b>	\$5/\$10/\$25/\$40	\$5/\$10/\$25/\$40	T1: \$25; T2: \$180; Ded then, T3: 30% up to \$1500; T4: 30% up to \$1000	T1: \$25; T2: \$180; T3: 30% up to \$1500; T4: 30% up to \$1000
<b>Inpatient Hospital</b>	\$0 copay	\$0 copay	20% after Ded	\$700/Day up to \$2800
<b>Emergency Room</b>	\$250 copay	\$250 copay	20% after Ded	350
<b>Inpatient Mental Health</b>	\$0 Copay	\$0 Copay	20% after Ded	\$700/Day up to \$2800
<b>Outpatient Surgery</b>	\$0 Copay	\$0 Copay	Fac: \$300; Hosp: 20% after Ded	Fac: \$300; Hosp: \$500
<b>Outpatient Diag Tests</b>	\$0 Copay	\$0 Copay	Fac: \$0; Hosp: 20% after Ded	Fac: \$0; Hosp: \$60
<b>Outpatient Diag Imaging</b>	\$0 Copay	\$0 Copay	Fac: \$75; Hosp: 20% after Ded	75
<b>Outpatient Mental Health</b>	\$15 copay	\$15 copay	\$25.00	\$25.00
<b>Maternity Services</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Walk-in Urgent Care</b>	\$15 copay	\$15 copay	\$100 after Ded	100
<b>DME</b>	\$0 copay	\$0 copay	50% after Ded	0.5
<b>OON Individual Ded</b>	\$300.00	\$300.00	\$6,000.00	\$2,000.00
<b>OON Family Ded</b>	\$900.00	\$900.00	\$12,000.00	\$4,000.00
<b>OON Coinsurance</b>	20%	20%	50%	50%
<b>OON OOPM</b>	\$2,300.00	\$2,300.00	\$15,000.00	\$21,000.00
<b>OON Family OOPM</b>	\$4,900.00	\$4,900.00	\$30,000.00	\$42,000.00
<b>OON PCP Office Visit</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Specialist Office Visit</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Prev Adult Exams</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Outpatient Diag Imaging</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Outpatient Mental Health</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Maternity Services</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Walk-in Urgent Care</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON DME</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded

**Materials Innovation and Recycling Authority**  
**Medical Plan Summaries**

**July 1, 2023**

	Current	Renewal	Alternative Gold	Alternative Gold
<b>Carrier:</b>	<b>Anthem BCBS</b>	<b>Anthem BCBS</b>	<b>Cigna + Oscar</b>	<b>Cigna + Oscar</b>
<b>Plan Name:</b>	<i>2022 Connecticut Partnership 2.0</i>	<i>2023 Connecticut Partnership 2.0</i>	<i>2023 Open Access Plus Gold \$0</i>	<i>2023 Open Access Plus Gold \$2000 HSA</i>
<b>Metallic Level:</b>	Gold	Gold	Gold	Gold
<b>Benefit Year</b>	Contract/Cal Option	Contract/Cal Option	Contract/Cal Option	Contract/Cal Option
<b>Individual Ded</b>	\$350.00	\$350.00	\$0.00	\$2,000.00
<b>Family Ded</b>	\$1,400.00	\$1,400.00	\$0.00	\$4,000.00
<b>Coinsurance</b>	0%	0%	20%	10%
<b>OOPM</b>	\$2,000.00	\$2,000.00	\$8,950.00	\$7,250.00
<b>Family OOPM</b>	\$4,000.00	\$4,000.00	\$17,900.00	\$14,500.00
<b>Referrals</b>	Not Required	Not Required	Not Required	Not Required
<b>PCP Office Visit</b>	\$15.00	\$15.00	\$40.00	10% after Ded
<b>Specialist Office Visit</b>	\$15.00	\$15.00	65	10% after Ded
<b>Prev Adult Exams</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Prescription Drugs</b>	\$5/\$10/\$25/\$40	\$5/\$10/\$25/\$40	G: \$3; PB: \$60; NPB: 30% up to \$500; S: 30% up to \$750	Ded then, G: \$3; PB: \$60; NPB: 20%; S: 20%
<b>Mail Order Drug</b>	\$5/\$10/\$25/\$40	\$5/\$10/\$25/\$40	3x Retail; S: N/A	3x Retail; S: N/A
<b>Inpatient Hospital</b>	\$0 copay	\$0 copay	600	10% after Ded
<b>Emergency Room</b>	\$250 copay	\$250 copay	Visit 1: \$300; Visit 2+: \$600	Ded then, Visit 1: 10%; Visits 2+: 40%
<b>Inpatient Mental Health</b>	\$0 Copay	\$0 Copay	600	10% after Ded
<b>Outpatient Surgery</b>	\$0 Copay	\$0 Copay	300	10% after Ded
<b>Outpatient Diag Tests</b>	\$0 Copay	\$0 Copay	Lab: \$0; X-ray: 20%	10% after Ded
<b>Outpatient Diag Imaging</b>	\$0 Copay	\$0 Copay	75	10% after Ded
<b>Outpatient Mental Health</b>	\$15 copay	\$15 copay	\$40.00	10% after Ded
<b>Maternity Services</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Walk-in Urgent Care</b>	\$15 copay	\$15 copay	50	10% after Ded
<b>DME</b>	\$0 copay	\$0 copay	0.2	10% after Ded
<b>OON Individual Ded</b>	\$300.00	\$300.00	\$7,500.00	\$5,000.00
<b>OON Family Ded</b>	\$900.00	\$900.00	\$15,000.00	\$10,000.00
<b>OON Coinsurance</b>	20%	20%	50%	50%
<b>OON OOPM</b>	\$2,300.00	\$2,300.00	\$15,000.00	\$10,000.00
<b>OON Family OOPM</b>	\$4,900.00	\$4,900.00	\$30,000.00	\$20,000.00
<b>OON PCP Office Visit</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Specialist Office Visit</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Prev Adult Exams</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Outpatient Diag Imaging</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Outpatient Mental Health</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Maternity Services</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON Walk-in Urgent Care</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded
<b>OON DME</b>	20% after Ded	20% after Ded	50% after Ded	50% after Ded





**Materials Innovation and Recycling Authority**  
**Dental Plan Renewal**  
 July 1, 2023



		Current/Renewal		Proposal		Proposal		Proposal	
Company		PPI / MetLife		Guardian		Principal		Unum	
Network		In	Out	In	Out	In	Out	In	Out
Individual Deductible		\$0	\$50	\$0	\$50	\$0	\$50	\$0	\$50
Family Deductible		\$0	\$150	\$0	\$150	\$0	\$150	\$0	\$150
Deductible Waived for Preventive		N/A	Yes	N/A	Yes	N/A	Yes	N/A	Yes
Preventive Services									
Oral Exams		100%	100%	100%	100%	100%	100%	100%	100%
Cleanings		100%	100%	100%	100%	100%	100%	100%	100%
Child Fluoride		100%	100%	100%	100%	100%	100%	100%	100%
X-rays		100%	100%	100%	100%	100%	100%	100%	100%
Basic Services									
Fillings		100%	80%	100%	80%	100%	80%	100%	80%
Endodontics		100%	80%	100%	80%	100%	80%	100%	80%
Extractions		100%	80%	100%	80%	100%	80%	100%	80%
Oral Surgery		100%	80%	100%	80%	100%	80%	100%	80%
Periodontics		100%	80%	100%	80%	100%	80%	100%	80%
Repair and Relining of Dentures		100%	80%	100%	80%	100%	80%	100%	80%
Major Services									
Crowns		60%	50%	60%	50%	60%	50%	60%	50%
Fixed and Removable Dentures		60%	50%	60%	50%	60%	50%	60%	50%
Bridges		60%	50%	60%	50%	60%	50%	60%	50%
Anesthesia/IV Sedation		60%	50%	60%	50%	60%	50%	60%	50%
Orthodontia									
Child Orthodontia		50%	50%	50%	50%	50%	50%	50%	50%
Orthodontia Lifetime Maximum		\$2,000		\$1,750		\$2,000		\$2,000	
Miscellaneous									
Rate Guarantee		1 Year		1 Year		1 Year		1 Year	
Calendar Year Maximum		\$1,750		\$1,750		\$1,750		\$1,750	
Coverage Tier	Lives	Current	Renewal*	Proposal**		Proposal***		Proposal	
Employee Only	5	\$65.70	\$67.34	\$45.36		\$51.00		\$51.62	
Employee + Spouse	3	\$134.31	\$137.67	\$92.08		\$103.04		\$102.48	
Employee + Child(ren)	2	\$148.89	\$152.61	\$113.82		\$114.01		\$131.56	
Family	4	\$232.55	\$238.36	\$171.07		\$173.60		\$192.98	
Waivers	0	\$0.00		\$0.00		\$0.00		\$0.00	
Monthly Total Premium		\$1,959.41	\$2,008.37	\$1,414.96		\$1,486.54		\$1,600.58	
Percent Change			2.50%	-27.79%		-24.13%		-18.31%	
Total Annual Premium		\$23,512.92	\$24,100.44	\$16,979.52		\$17,838.48		\$19,206.96	

\*PPI/MetLife Actively Negotiating 0% increase

\*\*Guardian- Rates are based on package sale.

\*\*\*Principal- Includes 5% discount assuming a package of three or more lines of coverage.



# Materials Innovation and Recycling Authority Vision Plan Renewal



July 1, 2023

Carrier Network Services	Current/Renewal		Proposal		Proposal		Proposal	
	PPI/Ameritas		Guardian		Principal		Unum	
	VSP		VSP/ Full Feature Choice B		VSP Choice		EyeMed	
	In Network	Out of Network	In Network	Out of Network	In Network	Out of Network	In Network	Out of Network
<b>Deductibles</b>								
Exams		\$15		\$10		\$10		\$10
Frames & Lenses		\$15		\$10		\$10		\$10
<b>Frequency:</b>								
Exams		12 Months		12 Months		12 Months		12 Months
Frames		24 Months		12 Months		24 Months		24 Months
Lenses		12 Months		12 Months		12 Months		12 Months
<b>Annual Eye Exam</b>	100%	Up to \$52	100%	Up to \$39	100%	Up to \$45	100%	Up to \$52
<b>Frames</b>	\$120	Up to \$45	\$130	Up to \$46	\$130	Up to \$70	\$120	Up to \$84
<b>Lenses:</b>								
Single lenses	100%	Up to \$55	100%	Up to \$23	\$25	Up to \$30	\$10	Up to \$30
Bifocal lenses	100%	Up to \$75	100%	Up to \$37	\$25	Up to \$50	\$10	Up to \$50
Trifocal lenses	100%	Up to \$95	100%	Up to \$49	\$25	Up to \$65	\$10	Up to \$70
Lenticular lenses	100%	Up to \$125	100%	Up to \$64	\$25	Up to \$100	\$10	Up to \$70
Contact Lenses Necessary	100%	Up to \$210	100%	Up to \$210	100%	Up to \$210	100%	Up to \$210
Contact Lenses Elective	Up to \$105	Up to \$105	Up to \$130	Up to \$100	Up to \$130	Up to \$105	\$120	
<b>Rate Guarantee</b>	1 Year		2 Years		1 Year		4 Years	
<b>Coverage Tier</b>	<b>Lives</b>	<b>Current</b>	<b>Renewal</b>	<b>Proposal*</b>	<b>Proposal**</b>		<b>Proposal</b>	
Employee Only	5	\$12.52	\$12.52	\$4.44	\$4.97		\$4.69	
Employee + One	5	\$21.60	\$21.60	\$7.61	\$10.51		\$9.03	
Family	5	\$29.80	\$29.80	\$13.32	\$18.43		\$15.24	
Waivers	0	\$0.00		\$0.00	\$0.00		\$0.00	
<b>Monthly Total Premium</b>		\$319.60	\$319.60	\$126.85	\$169.55		\$144.80	
<b>Percent Change</b>		0.00%		-60.31%	-46.95%		-54.69%	
<b>Total Annual Premium</b>		\$3,835.20	\$3,835.20	\$1,522.20	\$2,034.60		\$1,737.60	

\*Guardian- Rates are based on package sale.

\*\*Principal- Includes 5% discount assuming a package of three or more lines of coverage.



## Materials Innovation and Recycling Authority

### Life / AD&D Plan Renewal

July 1, 2023



Company	Current/Renewal PPT / MetLife	Proposal Guardian	Proposal Principal	Proposal Unum
<b>Class Description</b>	All Full Time Employees	All Full Time Employees	All Full Time Employees	All Full Time Employees
<b>Benefit</b>	2 x Salary	2 x Salary	2 x Salary	2 x Salary
<b>Maximum</b>	\$500,000	\$200,000	\$500,000	\$500,000
<b>Guarantee Issue Amount</b>	\$375,000	\$200,000	\$100,000	\$175,000
<b>Participation</b>	100% - Non-Contributory	100% - Non-Contributory	100% - Non-Contributory	100% - Non-Contributory
<b>Disability Waiver</b>	Included - To Age 65	Included - To Age 65	Included - To Age 65	Included - To Age 65
<b>Rate Guarantee</b>	1 Year	2 Years	2 Years	2 Years
<b>Reduction Schedule</b>	35% at Age 65 60% at Age 70 75% at Age 75	35% at Age 65 60% at Age 70 75% at Age 75 80% at Age 80	35% at Age 65 60% at Age 70 75% at Age 75	65% at Age 65 40% at Age 70 25% at Age 75
	<b>Current / Renewal Rates</b>	<b>Proposal*</b>	<b>Proposal**</b>	<b>Proposal</b>
<b>Total Employees</b>	16	16	16	16
<b>Volume</b>	\$2,507,000	\$2,231,650	\$2,507,000	\$2,507,000
<b>Current Rate/\$1,000</b>	\$0.160	\$0.352	\$0.321	\$0.340
<b>Current Premium</b>	\$401.12	\$785.54	\$804.75	\$852.38
<b>Total Monthly Premium</b>	<b>\$401.12</b>	<b>\$785.54</b>	<b>\$804.75</b>	<b>\$852.38</b>
<b>Percent Change</b>	<b>0.00%</b>	<b>95.84%</b>	<b>100.63%</b>	<b>112.50%</b>
<b>Total Annual Premium</b>	<b>\$4,813.44</b>	<b>\$9,426.49</b>	<b>\$9,656.96</b>	<b>\$10,228.56</b>

\*Guardian- Rates are based on package sale.

\*\*Principal- Includes 5% discount assuming a package of three or more lines of coverage.



**Materials Innovation and Recycling Authority**  
**Voluntary Life / AD&D Renewal**



July 1, 2023

Company	Current / Renewal PPI / MeLife	Proposal Guardian	Proposal Principal	Proposal Unum
<b>Class Description</b>	All Full Time Employees	All Full Time Employees	All Full Time Employees	All Full Time Employees
<b>Employee Benefit</b>	5 x Salary / \$500,000	5 x Salary / \$300,000	5 x Salary / \$500,000	5 x Salary / \$500,000
<b>Increments</b>	\$10,000	\$10,000	\$10,000	\$10,000
<b>Spouse Benefit</b>	50% of Emp. Ben. / \$100,000	100% of Emp. Ben. / \$250,000	50% of Emp. Ben. / \$100,000	50% of Emp. Ben. / \$100,000
<b>Increments</b>	\$5,000	\$5,000	\$5,000	\$5,000
<b>Child Benefit</b>	\$1,000 / \$2,000 / \$4,000 / \$5,000 / \$10,000	14 Days to 26 Years \$2,000 \$10,000 Max	Under 14 Days: \$1,000 14 Days +: \$2,000/\$4,000/\$10,000	Live Birth to 6 Months: \$1,000 6 Months to 19/26 Years: \$2,000
<b>Increments</b>	N/A	N/A	N/A	N/A
<b>Disability Waiver</b>	Included - To Age 65	Not Included	Included - To Age 65	Included - To Age 65
<b>Rate Guarantee</b>	1 Year	2 Years	2 Years	3 Years
<b>Reduction Schedule</b>	N/A	35% at Age 65 60% at Age 70 70% at Age 75 85% at Age 80	65% at Age 65 50% at Age 70	65% at Age 65 40% at Age 70 25% at Age 75
<b>GI Amount Employee</b>	<b>\$50,000</b>	<b>Under Age 65: \$50,000</b>  <b>65-70: \$50,000</b> <b>70+ \$10,000</b>	<b>Under Age 70: \$100,000</b>  <b>70+: \$10,000</b>	<b>\$50,000 (if sold with qualifying Unum product)</b> <b>\$40,000 (if not sold with qualifying Unum product)</b>
<b>GI Amount Spouse</b>	<b>\$25,000</b>	<b>Under Age 65: 25,000</b> <b>60-70: \$10,000</b> <b>70+: \$0</b>	<b>Under Age 70: \$20,000</b> <b>70+: \$10,000</b>	<b>\$15,000</b>
<b>GI Amount Child</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>
<b>Rate/\$1,000</b>	<b>Age Rated</b>	<b>Age Rated</b>	<b>Age Rated</b>	<b>Age Rated</b>
Under 20	\$0.080	\$0.100	\$0.086	\$0.070
20-24	\$0.080	\$0.100	\$0.086	\$0.070
25-29	\$0.080	\$0.100	\$0.086	\$0.070
30-34	\$0.080	\$0.106	\$0.097	\$0.090
35-39	\$0.110	\$0.137	\$0.145	\$0.130
40-44	\$0.160	\$0.183	\$0.225	\$0.190
45-49	\$0.220	\$0.289	\$0.361	\$0.310
50-54	\$0.410	\$0.472	\$0.577	\$0.480
55-59	\$0.610	\$0.708	\$0.893	\$0.690
60-64	\$0.620	\$1.043	\$1.367	\$0.910
65-69	\$1.090	\$1.633	\$2.247	\$1.170
70-74	\$2.830	\$3.352	\$3.830	\$2.140
75-79	\$2.830	\$3.352	\$3.830	\$7.200
80-84	\$2.830	\$3.352	\$3.830	\$7.200
85+	\$2.830	\$3.352	\$3.830	\$7.200
Child(ren)	\$0.043	\$0.127	\$0.200	\$0.383
Employee AD&D	\$0.014	\$0.043	\$0.046	\$0.045
Spouse AD&D	\$0.015	\$0.043	\$0.046	\$0.045
Child(ren) AD&D	N/A	\$0.043	N/A	0.072
Spouse Rates Match	Yes	Yes	Yes	Yes
Employee Rates				

\*Note: Rates do not change. Billed amount may change based on changes in age bands.





**Materials Innovation and Recycling Authority**  
**Short Term Disability Plan Renewal**  
 July 1, 2023



Company	Current / Renewal PPI / MetLife	Proposal* Guardian	Proposal** Principal	Proposal Unum
<b>Class Description</b>	All Full Time Employees	All Full Time Employees	All Full Time Employees	All Full Time Employees
<b>Weekly Benefit</b>	66 2/3% of Weekly Earnings	60% of Weekly Earnings	66 2/3% of Weekly Earnings	66 2/3% of Weekly Earnings
<b>Maximum Benefit</b>	\$2,500	\$1,500	\$2,500	\$2,500
<b>Elimination Period</b>	1st Day for Accident 8th Day for Sickness	1st Day for Accident 7th Day for Sickness	1st Day for Accident 8th Day for Sickness	1st Day for Accident 8th Day for Sickness
<b>Benefit Duration</b>	25 Weeks	26 Weeks	25 Weeks	25 Weeks
<b>Pre-Existing Conditions</b>	N/A	N/A	N/A	N/A
<b>Participation</b>	100% - Non-Contributory	100% - Non-Contributory	100% - Non-Contributory	100% - Non-Contributory
<b>Rate Guarantee</b>	1 Year	2 Years	2 Years	2 Years
	Current / Renewal Rates	Proposal	Proposal	Proposal
<b>Total Employees</b>	16	16	16	16
<b>Total Covered Payroll</b>	\$16,146	\$14,143	\$16,146	\$16,146
<b>Proposed Rate/\$10</b>	\$0.390	\$0.210	\$0.210	\$0.370
<b>Proposed Premium</b>	\$629.69	\$297.00	\$339.07	\$597.40
<b>Total Monthly Premium</b>	<b>\$1,143.57</b>	<b>\$297.00</b>	<b>\$339.07</b>	<b>\$597.40</b>
<b>Percentage Change</b>	<b>0.00%</b>	<b>-74.03%</b>	<b>-70.35%</b>	<b>-47.76%</b>
<b>Total Annual Premium</b>	<b>\$13,722.84</b>	<b>\$3,564.04</b>	<b>\$4,068.79</b>	<b>\$7,168.82</b>

\*Guardian- Rates are based on package sale.

\*\*Principal- Includes 5% discount assuming a package of three or more lines of coverage.



**Materials Innovation and Recycling Authority**  
**Long Term Disability Plan Renewal**



July 1, 2023

Company	Current / Renewal PPI / MetLife	Proposal* Guardian	Proposal** Principal	Proposal Unum
<b>Class Description</b>	All Full Time Employees	All Full Time Employees	All Full Time Employees	All Full Time Employees
<b>Monthly Benefit</b>	70% of Monthly Earn.	60% of Monthly Earn.	70% of Monthly Earn.	66.67% of Monthly Earn.
<b>Maximum Monthly Benefit</b>	\$10,000	\$7,500	\$10,000	\$10,000
<b>Elimination Period</b>	180 Days	180 Days	180 Days	180 Days
<b>Benefit Duration</b>	RBD w/ SSNRA	RBD w/ SSNRA	RBD w/ SSNRA	RBD w/ SSNRA
<b>Pre-Existing Limitation</b>	3/12	3/12	3/12	3/12
<b>Own Occupation</b>	24 Months	24 Months	24 Months	24 Months
<b>Participation</b>	100% - Non-Contributory	100% - Non-Contributory	100% - Non-Contributory	100% - Non-Contributory
<b>SS Integration Method</b>	Full Family	Full Family	Full Family	Full Family
<b>Mental/Nervous Limitation</b>	24 Months Per Occurrence	24 Month Lifetime Payment Limit, Combined	24 Months Per Occurrence	24 Months Per Occurrence
<b>Rate Guarantee</b>	1 Year	2 Year	2 Year	2 Year
	<b>Current / Renewal Rates</b>	<b>Proposal</b>	<b>Proposal</b>	<b>Proposal</b>
<b>Total Employees</b>	16	16	16	16
<b>Total Covered Payroll</b>	\$104,946	\$104,113	\$101,863	\$104,946
<b>Proposed Rate/\$100</b>	\$0.422	\$0.370	\$0.590	\$0.830
<b>Proposed Premium</b>	\$442.87	\$385.22	\$600.99	\$871.05
<b>Administration Fee</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Monthly Premium</b>	<b>\$442.87</b>	<b>\$385.22</b>	<b>\$600.99</b>	<b>\$871.05</b>
<b>Percent Change</b>	<b>0.00%</b>	<b>-13.02%</b>	<b>35.70%</b>	<b>96.68%</b>
<b>Total Annual Premium</b>	<b>\$5,314.47</b>	<b>\$4,622.62</b>	<b>\$7,211.90</b>	<b>\$10,452.62</b>

\*Guardian- Rates are based on package sale.

\*\*Principal- Includes 5% discount assuming a package of three or more lines of coverage.



## AssuredPartners New England- Employee Benefits Suite of Services

At AssuredPartners New England, we are committed to delivering cost-effective, innovative benefit solutions to help you attract and retain top talent. We take the time to understand your culture and strategic goals, then help design, implement and administer a program that supports your vision, employees and their families. From insurance guidance to compliance to technology, we provide comprehensive benefits administration guidance to you and your company - a full spectrum of solutions and unparalleled customer service.



### Consulting & Analytics

- Medical & Rx Analysis
- Plan Design & Funding Analysis
- Benchmarking
- Plan Disruption Analysis



### Benefits Administration

- Online enrollment System Placement
- Eligibility Administration
- FSA, COBRA, HRA Administration
- Mobile Applications



### Brokerage

- Benefits Program Design
- Detailed Plan Comparison
- Renewal Negotiation
- Insurance Carrier Marketing & Evaluation
- Employee Advocacy Services



### HR Professional Services

- AccessHR – Client Portal
- Employee Handbook & HR policies
- Total Compensation Statements
- Recruiting & Selection Management
- Job Descriptions & Analysis
- HR Helpline
- Learning Management System



### Pharmacy & Analytics

- Custom PBM and Clinical Programs
- RFP / Vendor Selection
- Contract Review and Negotiation
- Market Check Analysis
- Implementation and Account Management



### Communications

- Employee Communication Strategy
- Branded Benefits Guide
- Employee Portal
- E-mail Branded Announcements
- Health & Wellness Newsletters



### Compliance

- Health Care Reform Guidance
- Plan Documents and SPDs
- Compliance Calendar
- Notification of legislative changes
- Monthly Webinars
- ACA Compliance
- ALE Determination
- PCORI Calculation



### Executive Benefits

- Executive Benefit Plans to Attract Top Talent
- Retirement Plans
- Business Succession Planning
- Wealth Preservation
- Life and Disability Plans
- Executive Long-Term Care

## Disclosures



### Compensation Disclosure:

AssuredPartners agencies are licensed as insurance producers by the various States where we are transacting insurance, which includes the sale, solicitation, and servicing of insurance business, as well as advising on the relative benefits of certain insurance policies and risk management programs.

Our agencies typically receive compensation from insurers in the form of commissions paid as a percentage of the premiums due the applicable insurance companies. Commissions can vary by insurance company, by volume of business placed with that company or the profitability thereof, and other factors. In other cases and depending on various State laws and the capacity in which our agency is acting, our agencies may receive other forms of compensation from insurers, insurance intermediaries, premium finance companies, and other vendors; such as contingents, overrides, profit-sharing, premium finance fees, expense reimbursements, producer subsidies, award trips, meetings, and other incentives. We also earn interest on premiums we hold until it is time to pay the applicable insurance companies. Our overriding desire is to provide great customer service, having you, the customer, believe we have earned our compensation.

We believe in full disclosure of our compensation. Accordingly, if you have any questions about the compensation we receive from your policies (including policies we propose to you), please just ask your account representative, who will gladly provide you a summary of our compensation arising from your policies (some estimation may be necessary, for example where contingents are involved). We thank you for the opportunity to serve and appreciate your interest.

Connecticare, Inc. Current AM Best Rating: C-

### A.M. Best Rating Below Standard

- As a part of our proposal, we have included a quotation for coverage through a carrier who does not meet our carrier financial standard (A.M. Best rating of A- or higher).
- Either this was the only company we could find willing to provide a quotation, or we may have provided you with an alternative quote (at a higher premium).
- We have provided you with A.M. Best rating definitions so you can make an informed decision when placing your insurance coverage. Your choice of carrier should be made by weighing the pluses and minuses of pricing, service, and carrier financial condition.
- We will provide any additional available information you may request to assist you in this decision. Please let us know if you have any questions.

### AM Best Rating Definitions:

	AM Best Rating	Description	AM Best Opinion
Secure	A++, A+	Superior	Superior ability to meet their ongoing insurance obligations
	A, A-	Excellent	Excellent ability to meet their ongoing insurance obligations
	B++, B+	Good	Good ability to meet their ongoing insurance obligations
Vulnerable	B, B-	Fair	Fair ability to meet their ongoing insurance obligations. Financial strength is vulnerable to adverse changes in underwriting and economic conditions
	C++, C+	Marginal	Marginal ability to meet their ongoing insurance obligations. Financial strength is vulnerable to adverse changes in underwriting and economic conditions
	C, C-	Weak	Weak ability to meet their ongoing insurance obligations. Financial strength is very vulnerable to adverse changes in underwriting and economic conditions
	D	Poor	Poor ability to meet their ongoing insurance obligations. Financial strength is extremely vulnerable to adverse changes in underwriting and economic conditions

## ***Tab 8***

**RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF DIRECTORS**  
**REGARDING RENEWAL OF PROPERTY, CASUALTY, PUBLIC OFFICIALS AND POLLUTION INSURANCE POLICIES FOR FY**  
**2024**

WHEREAS, The Materials Innovation and Recycling Authority ("Authority") maintains certain insurance policies which expire July 1, 2023; and

WHEREAS, The renewal of such policies is in the best interest of the Authority and contemplated within its Fiscal Year 2024 adopted budgets.

NOW THEREFORE, be it RESOLVED:

That the President is authorized to bind the following insurance policies effective for the period July 1, 2023 through June 30, 2024, in accordance with the recommendations contained in the Brown & Brown Renewal Proposal dated June 1, 2023 attached hereto.

- Property (Great American)
- General Liability (Liberty Mutual)
- Auto Liability (Liberty Mutual)
- Workers Compensation (Liberty Mutual)
- Umbrella/Excess Liability (Liberty Mutual) / (RSUI / Evanston)
- Public Officials (PGU / Nexxus)
- Crime (Travelers)
- Fiduciary (Travelers)
- Pollution (Chubb / AWAC)

## **PROCEDURAL REQUIREMENTS (PROPERTY / CASUALTY RENEWALS)**

Author: Mark Daley, President & CFO

### Committee Requirements:

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

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

### Board Requirements:

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

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

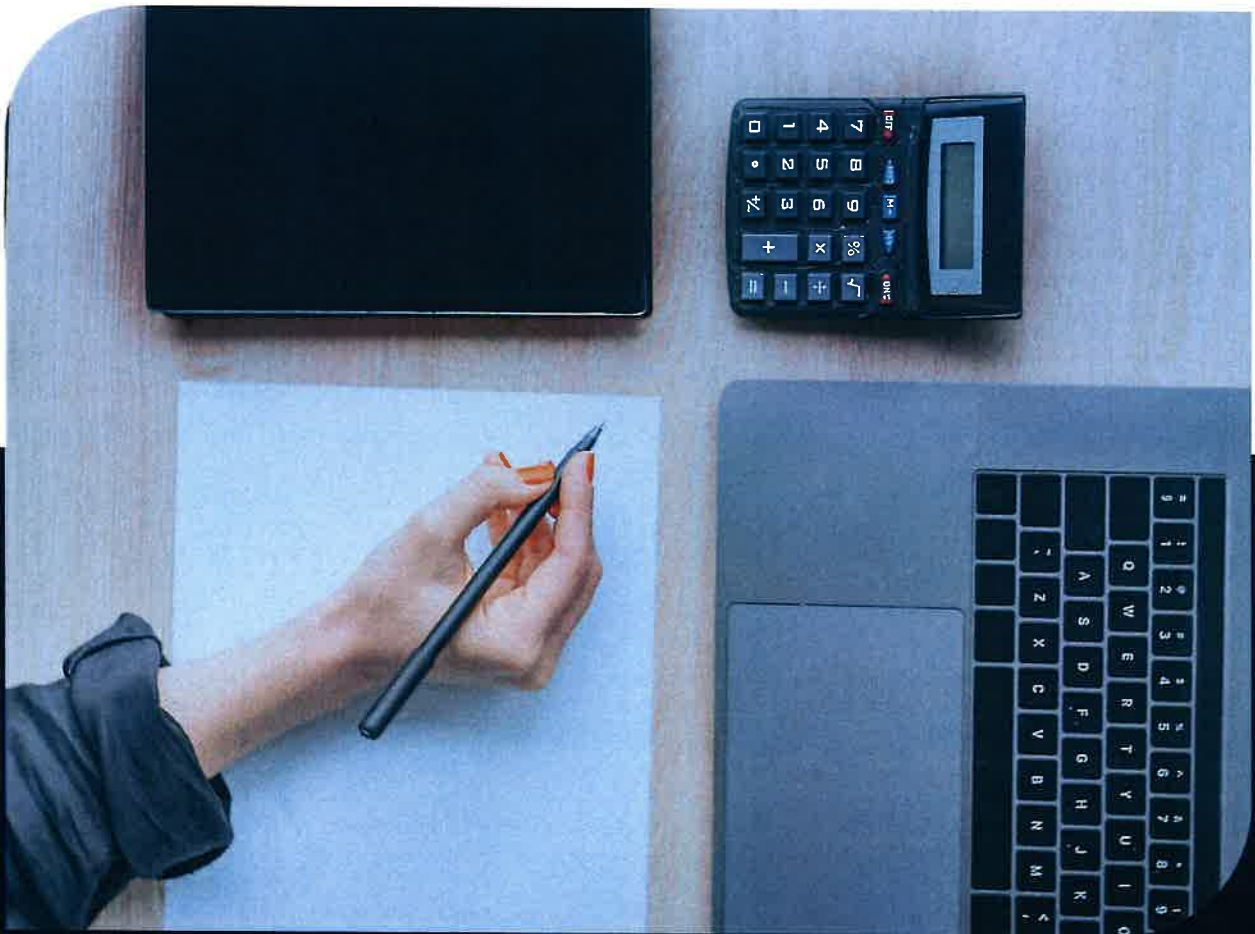


Brown & Brown

# MATERIALS INNOVATION & RECYCLING AUTHORITY

## **Renewal Proposal** Effective: July 1, 2023 – July 1, 2024

June 1, 2023





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## 2023 -2024 RENEWAL COST COMPARISON

Line of Coverage	Carriers 2022 - 2023	2022 - 2023	Carriers 2023 - 2024	2023 - 2024	Change %
Property	Great American	\$114,787.00	Great American	\$118,849.00	3%
General Liability	Liberty Mutual	\$55,495.65	Liberty Mutual	\$40,061.35	-28%
Automobile	Liberty Mutual	\$31,212.00	Liberty Mutual	\$34,017	9%
Workers Comp	Liberty Mutual	\$41,347.95	Liberty Mutual	\$25,149.70	-39%
\$10M Umbrella	Liberty Mutual	\$49,048.40	Liberty Mutual	\$49,010.15	0%
\$15M xs \$10M	RSUI/Evanston	\$46,000	RSUI/Evanston	\$46,000	0%
Public Officials	PGU \$5M/ Nexus \$5M	\$167,015.88	PGU \$5M/ Nexus \$5M	\$174,724.00	5%
Crime	Travelers	\$3,419.00	Travelers	\$3,419.00	0%
Fiduciary	Travelers	\$5,765.00	Travelers	\$5,489.00	-5%
<b>COST</b>		<b>\$514,090.88</b>		<b>\$496,719.20</b>	

# MARKETING SUMMARY

## PROPERTY

Carrier	A.M. Best Rating	Admitted	Incumbent	Results
Great American	A+ XV	YES	YES	Quoted
AEGIS	A, VII	No	No	Not within risk appetite
AIG	A, XV	Yes	No	Not within risk appetite
AVIVA	A, XV	No	No	Not within risk appetite
Berkshire Hathaway	A++, XV	No	No	Not within risk appetite
Canopius	A, XV	No	No	Not within risk appetite
C N A (London)	A, XV	No	No	Not within risk appetite
Hartford	A+ XV	Yes	No	Not within risk appetite
Hartford Steam Boiler	A++, XV	No	No	Not within risk appetite
HDI Gerling	A, XV	No	No	Not within risk appetite
Ironshore Specialty	A, XIV	No	No	Not within risk appetite
FM Global	A+ XV	Yes	No	Not within risk appetite
KWH	A, XV	No	No	Not within risk appetite
Liberty	A, XV	Yes	No	Not within risk appetite
Munich RE (London)	A++, XV	No	No	Not within risk appetite
Navigators (Lloyds)	A, XII	No	No	Not within risk appetite
PERse	A+, XV	No	No	Not within risk appetite
Starr Tech/ACE	A, XIV	Yes	No	Not within risk appetite
Swiss RE	A+ XV	Yes	No	Not within risk appetite
Travelers	A+ XV	Yes	No	Not within risk appetite
XL Insurance	AU, XV	No	No	Not within risk appetite
Zurich American	A+, XV	Yes	No	Not within risk appetite

## CASUALTY

Carrier	A.M. Best Rating	Admitted	Incumbent	Results
Liberty Mutual	A+, XV	Yes	Yes	Quoted GL Auto, WC, \$10M Umb
Berkley	A, XV	No	No	Can't be competitive
Evanston	A, XV	Yes	Yes	Awaiting quote \$7.5M p/o \$15M
RSUI Indemnity	A, XV	No	Yes	Awaiting quote \$7.5M p/o \$15M
Arch	A+, XV	Yes	No	Unable to provide Workers Comp
Chubb/ACE	A+, XV	Yes	No	Not within risk appetite
Hartford	A+, XV	Yes	No	Not within risk appetite
AIG				Below minimum premium
Travelers	A+, XV	Yes	No	Not within risk appetite
Zurich	A+, XV	Yes	No	Below minimum premium

## PUBLIC OFFICIALS

Carrier	A.M. Best Rating	Admitted	Incumbent	Results
PGU (Indian Harbor)	A, XV	NO	YES	QUOTED \$5M PRIMARY
Nexus Professional	A, XV	YES	YES	QUOTED \$5M EXCESS
ACE	A+, XV	Yes	No	Can't be competitive
AIG	A+, XV	Yes	No	Can't be competitive
AXA XL	A, XV	No	No	Can't be complete and would need at least a \$250M retention
AXIS	A, XV	No	No	Can't be competitive
Chubb		Yes	No	Can't be competitive
Liberty	A, XV	Yes	Yes	Can't be competitive
Zurich	A+, XV	Yes	No	Not within appetite

# GENERAL INFORMATION

**Named Insured:** Materials Innovation & Recycling Authority

**Mailing Address:** 300 Maxim Road, Gate 70, Hartford, CT 06114

**Term:** All Coverage to be effective on an annual basis,  
Effective from **July 1, 2023** 12:01 AM – **July 1, 2024** 12:10 AM  
Eastern Standard Time

**Description/Operations:** In 1973, the Connecticut Resources Recovery Authority ("CRRRA") was created to develop economically sound, environmentally responsible solutions for managing the state's solid waste. CRRRA developed a network of resource recovery & related facilities with the state of Connecticut to move away from the process of landfilling its municipal solid waste.

On June 6, 2014, Materials Innovation and Recycling Authority ("MIRA") become the successor authority to the Connecticut Resources Recovery Authority ("CRRRA"). MIRA continues to provide solid waste materials management services, with a focus on the development of additional resource recovery, recycling, and processing enterprises on property owned by the Authority and the attendant redevelopment of the Connecticut Solid Waste System.

The Connecticut Solid Waste System (CSWS) provides solid waste disposal services to 51 municipalities in the State and is one of the primary operating divisions within the Authority.

Property & land is owned in Bridgeport, Ellington, Hartford, Essex, Shelton, Torrington, Waterbury and Watertown, CT.

For more information see website at: <http://www.ctmira.org/>

**MIRA's Projects & Divisions:**

- » Authority General Fund
- » Connecticut Solid Waste System
- » Mid Connecticut Project
- » Southeast Project
- » Authority's Property Division
- » Authority's Landfill Division
- » Recycling Division

**MIRA's Portfolio Includes:**

- » Waste Processing Plant – No longer operating
- » Power Block/Energy Generating Facility – No longer operating
- » Jet Turbine Facility – Operations ceasing prior to 7/1 renewal)
- » 1 MW Solar Facility
- » Transfer Stations/Scale house

## SCHEDULE OF LOCATIONS

	Occupancy	Address	City	Zip
1	Office Scale house/Scales Transfer Station Trailer	300 Maxim Rd, Gate 70	Hartford	06114
2	Transfer Station Building Garage Truck Wash Transfer Station Maintenance, Water Treatment Scale house/Scales Truck Wash	866 River Road	Shelton	06484
3	Control Building Gas Flare/Oxidizer Standby Generator Solar PV EGF Combined Paper/Container Facility	180 Leibert Rd	Hartford	06120
4	Offices Scale house/Scales Scale house/Scales	211 Murphy Rd	Hartford	06114
5	Transfer Station Thermal Oxidizer & Controls for LF Gas	140 & 217 Sadds Mill Rd	Ellington	06029
6	Transfer Station Scale house/Scales Transfer Station	118 Old Dump Rd	Torrington	06790
7	Scale house/Scales Recycling Transfer Station Power Block Facility (EBF) Ash Load out Building Scale house/Scales	10 Dump Rd	Essex	06426
8	Twin Packs – 2 Spare turbines Jet Fuel Tank Energy Generating Facility Truck Wash Barge Unloader Transfer Station	1 Reserve - Gate 20-40	Hartford	06114
9	Recycling Transfer Station Scale house	1601 Echo Lake Rd	Watertown	06795
10	Warehouse	171 Murphy Rd	Hartford	06114
11	Waste Processing Facility	300 Maxim Rd - Gate 70	Hartford	06114

# DESCRIPTION OF MAIN FACILITIES

## Power Block Facility/Energy Generating Facility (Mid Connecticut Project)

1 Reserve Road Gate 20-40, Hartford, CT 06114

**No Longer Operating:** Facility is operated as a base loaded facility. The primary fuel for the boilers is Refuse Derived Fuel (RDF) which is processed at the Waste Processing Facility and transported by conveyors. The facility is designed to process 2000 tons per day with an electric generation of 68.5 megawatts. The boilers are also capable of burning coal; however, the coal supply at the burners has been disconnected. No coal has been burned for several years. The steam from the boilers is directed to a common header, which supplies two steam turbine generators.

## Mid-Connecticut Project – Waste Processing Facility

300 Maxim Road, Gate 70, Hartford, CT 06114

**No Longer Operating:** The Facility processes Municipal Solid Waste (MSW). The facility was designed by Combustion Engineering and was placed into operation in 1987. The facility has two processing lines designed to process 100 tons per hour each, with a design average capacity of 3300 tons per day.

The waste is brought in by truck through a scale house. The trucks are unloaded onto a tipping floor and the MSW is moved to a conveyor by a large front end loader. There are two conveyors that move the waste through crane operated picking stations. The crane operators remove large metal debris, bulky items, long string type waste that could wrap on the conveyor rollers, and pressurized tanks such as propane tanks. The waste is conveyed from the picking station into the primary shredder (flail type). The waste from the shredder is transported by conveyor through a magnetic separator. The ferrous materials are loaded on a truck and transported out to another processing facility. The nonferrous waste is then sent through a series of trommels to size the material. The oversized waste is then sent through a secondary shredder (Hammer Mill type). The waste is transported by conveyor to a Refuse Derived Fuel (RDF) Storage area. The RDF is loaded onto two conveyors, with front-end loaders, which transport the RDF to the Power Block Facility. The facility has the capacity to store approximately 5000 tons of MSW and 5000 tons of RDF.

## Mid-Connecticut Project – Jet Turbine Facility

1 Reserve Road, Gate 20-40 Hartford, CT 06114

**No longer operating as of 5/31/2023:** The Jet Turbine Facility is now owned by the Materials Innovation and Recycling Authority (MIRA), formerly Connecticut Resource Recovery Authority (CRRRA). The site was purchased by CRRRA in 2001. NAES was contracted for the operations and maintenance of the facility. The contract with Northeast Generation Services, Inc. expired in 2012.

The Jet Turbine facility is operated as a peaking plant and is used for black start capability to the Northfield Mountain pumped storage facility. In the event of a regional black-out event the Story Brook facility is the first unit to come on line to restore power to the 1000MW Northfield Mountain facility. The

Story Brook facility will provide the balance on the electrical system needed to bring the Northfield Mountain online. In the event the Story Brook facility is not able to come online, the Jet Turbine facility is called to start the system. The Jet turbine facility is located on the same site as the Mid-Connecticut Project Power Block/Energy Generating facility which generates electrical power from Municipal Solid Waste.

The Jet Turbine facility is located near the intersection of Reserve and Maxim Roads, in Hartford Connecticut. The facility produces electricity for sale. The facility has eight Pratt & Whitney turbine engines Model FT4A-9 burning exclusively jet fuel (No.2 Oil). The turbines are identified as Units 11A and 11B, 12A and 12B, 13A and 13B and Units 14A and 14B. Each turbine has a maximum throughput of 1900 gallons of jet fuel per hour. There are two turbines coupled to a

generator making twin pack combustion turbine generators. Each turbine engine has its own stack. There are no emission control devices or emission monitoring equipment associated with the units. The plant was put into commercial service in 1972. The plant currently operates in a peaking mode. The units operate approximately 20 hours per year.

The facility operates as a peaking station and typically is operated in the hot summer months. The unit is test fired three times per year; once for black start capability and summer and winter capacity audits.

**Mid-Connecticut Project – Solar PV Energy Generating Facility**

180 Service Road, Hartford, CT 06114

The Solar PV facility consisting of 3,993 panels that generate up to 1MW of electricity. The facility was built on top of a closed landfill and began commercial operations on June 17, 2014. The electricity is sold to Connecticut Power & Light. The landfill was closed in an environmentally sound manner consistent with applicable law.

**Transfer Stations** – See above location schedule



# ALL RISK PROPERTY

**Term:** July 1, 2023 - July 1, 2024

**Coverage:** All Risk associated with direct physical loss or damage including boiler and machinery breakdown - all as more fully defined in the Policy Wording.

**Interest:** Real and Personal Property of the Insured or Property of Others in the Insured's Care, Custody or Control for which the Insured is legally liable or is contractually responsible to insure including Owned and Non-owned Stock, Improvements and Betterments, Employees Personal Effects, EDP Equipment and/or Media and/or Associated Equipment (including related Extra Expense), Mobile / Contractors Equipment, Property whilst in Inland Transit, Valuable Papers and Records, Fine Arts, Accounts Receivable and Expediting Expenses - all as more fully defined in the Policy Wording.

**Coverage for:** TRANSFER STATIONS, 1 MW SOLAR & OFFICE

**Limit of Liability:** Per 23-24 SOV

## Per Location Schedule Provided and On File

Total Insured Values	Values
Real Property	\$18,599,420
Business Interruption	\$0
Total	\$18,599,420

Equipment Breakdown Coverages	Limits of Liability
Equipment Breakdown	\$16,655,244
Property Damage	\$16,655,244
Electronic Data	\$102,174
Solar project	\$2,750,000
Off Premises Property Damage	\$50,000
Business Income	EXCLUDED
Extra Expense	\$50,000
Service Interruption	\$50,000
Contingent Business Income	\$50,000
Perishable Goods	\$50,000
Data Restoration	\$50,000
Demolition	\$50,000
Ordinance or Law	\$50,000
Expediting Expense	\$50,000
Hazardous Substance	\$50,000
Newly Acquired Locations	\$50,000
Green	EXCLUDED
Mold	\$15,000

Civil Authority  
Public Relations

EXCLUDED  
\$5,000

Deductibles:	
Building and Business Personal Property:	\$10,000 All Other \$10,000 In Transit
Business Income	72 Hour Waiting Period
Equipment Breakdown	<b>\$10,000</b> (\$5,000 in 22-23)

**Terms, Conditions & Exclusions including, but not limited to:**

All Risk Property Form - Real and Personal Property – Replacement Cost /Agreed Amount  
90 Days' Notice of Cancellation except 10 Days for Non-Payment of Premium.  
Agreed Amount Endorsement  
72 Hour Clause applies to Windstorm, Flood, Earthquake & Riot  
Waiver of Transfer of Rights of Recovery Against Others Where Required by Written Contract  
LEG 2 – resulting damage from design defects and faulty workmanship or materials  
Knowledge & Notice of Occurrence (MIRA Risk Manager)  
Unintentional Errors and Omissions  
Mortgagees, Loss Payees & Additional Insureds to be added as applicable  
Named Adjuster: :Paul Sherman, Vericclaim, Inc., 120 Broadway St 900, New York, NY 10271  
All Risk Property Form - Real and Personal Property – Replacement Cost /Agreed Amount  
90 Days' Notice of Cancellation except 10 Days for Non-Payment of Premium.  
Agreed Amount Endorsement  
72 Hour Clause applies to Windstorm, Flood, Earthquake & Riot  
Waiver of Transfer of Rights of Recovery Against Others Where Required by Written Contract

**Property Premium Summary:**

Carrier:	2022 - 2023 Renewal	2023 - 2024 Renewal	Change (%)
Writing Company:	Great American Ins. Co	Great American Ins. Co.	
A.M. Best Rating:	A+ XV, Admitted	A XV, Admitted	
Property Limit	\$19,507,418	\$18,507,418	
Rate per \$100	0.588%	0.639%	9%
Property Premium	\$114,787.00	\$118,349.00	3%
AmWINS fee	\$500	\$500	
Total Cost	\$114,787.00	\$118,849.00	
Commission to Beecher	0%	0%	

# GENERAL LIABILITY

Term July 1, 2023 – July 1, 2024

Limits of Liability	General Aggregate	\$2,000,000
	(Other than Products/Completed Operations)	
	Products/Completed Operations Aggregate	\$2,000,000
	Advertising Injury and Personal Injury Limit	\$1,000,000
	Each Occurrence Limit	\$1,000,000
	Damage to Premises Rented to You Limit	\$1,000,000
	Medical Expense Limit	\$10,000
	Per Location Aggregate	Included – No Cap
Employee Benefits Liability	Each Employee (Claims Made)	\$1,000,000
	Aggregate Limit	\$1,000,000
	Deductible Amount	\$1,000
	Retro-Active Date	08/01/1996

Rating Base	Exposure Basis	2022 - 2023 Estimated Exposure	2023-2024 Estimated Exposure
Composite Rate	GL Payroll	\$510,282	\$240,344
Other Exposures	Exposure	2022 - 2023 Estimated Exposure	2023 - 2024 Estimated Exposure
	MWH	33,037.75	1,000
	Estimated Tonnage	62,809	61,590
	Estimated Revenues	\$68,117,055	\$12,520,493
	O&M Costs	\$13,806,300	\$2,486,574

Terms, Conditions & Exclusions including but not limited to:	Form #	Edition
Commercial General Liability ISO Form	CG0001	04 13
Advertisement Redefined – Definition of Occurrence to include continual or repeated exposure, series of related offenses	LC 29 08	10 11
Personal and Advertising Injury – Occurrence Redefined - Definition of Occurrence to include continual or repeated exposure, series of related offenses	LC 29 06	08 08
Amendment Non-Cumulation of Liability for Same Occurrence – Personal & Advertising Injury and Bodily Injury &/or Property Damage	LC 25 13	08 08
Premium Responsibility Endorsement	LC 99 36	02 13
Additional Insured – Owners, Lessees or Contractors – Blanket per Written Contract or Agreement Executed Prior to a Loss	CG 20 10	04 13
Amendment of Insured Contract Definition	CG 24 26	04 13
Bodily Injury to Co-Employees	LC 04 04	06 05
Bodily Injury Redefined to Include Mental Anguish, Shock, Humiliation	LC 29 09	10 11

Broadened Damage To Premises Rented to You Coverage – to Include Fire, Lightening, Explosion, Water Damage	LC 04 27	10 11
Broad Form Named Insured Endorsement 50% or More Common Ownership	LC 99 40	02 13
Composite Rate Endorsement – per 1,000 MWH (Subject to Audit)	LC 99 12	10 13
Notice of Cancellation – 90 Days Except 10 Days for Non-Payment	CG 02 24	10 93
Employee Benefits Liability (CT) \$1M/\$1M; ded \$1,000; Retro 8/1/1995	CG 27 21	04 13
Knowledge of Occurrence - Amend to "Executive Officer" or "Employee" Designated by the first Named Insured for Knowledge of a Loss	LC 99 02	02 13
Notice of Occurrence – Amend to "Executive Officer" or "Employee" Designated by the first Named Insured to give notice of a loss	LC 99 01	02 13
Professional Health Care Services By Employees Coverage	LC 04 01	10 11
Reasonable Force - Expected or Intended Injury Exclusion Does Not Apply to Reasonable Force to Protect Persons or Property	LC 04 02	10 11
Unintentional Failure to Disclose All Hazards	LC 99 -3	02 13
Waiver of Transfer of Rights of Recovery Against Others To Us – Blanket Where Required by Written Contract Executed Prior to a Loss	CG 24 04	05 09
Boats – Any Non-Owned Watercraft that is less than 75 Feet	CG 24 12	11 85
Designated Location Aggregate – All "locations" at which you are performing ongoing operations	LC 25 17	10 13
Electro Magnetic Radiation Limit Endorsement \$500k Per Occ/\$1M Agg	LC 04 57	01 15
Common Policy Conditions	IL 00 17 1	11 98
Defense in Addition to Limits		
Mandatory State Endorsements		
Subject to Audit		
Asbestos Exclusion	LC 29 08	10 11
Discrimination Exclusion	LC 21 04	06 05
Employment-Related Practices Exclusion	CG 21 47	12 07
Exclusion – Access or Disclosure of Confidential or Personal Information and Data-Related Liability – With Limited Bodily Injury Exception	CG 21 06	05 14
Exclusion – Designated Professional Services	CG 21 16	04 13
Exclusion – Failure to Supply	CG 22 50	14 13
Fungi or Bacteria Exclusion	CG 21 67	12 04
Lead Exclusion	CG 21 06	06 07
MTBE Exclusion	LC 21 65	08 07
Nuclear Energy Exclusion	IL 00 21	09 08
Polychlorinated Biphenyls (PCBs) Exclusion	LC 21 38	06 07
Radioactive Matter Exclusion	LC 21 39	06 07
Silica Exclusion	LC 21 02	06 05
Total Pollution Exclusion	CG 21 49	09 99
Cap on Certified Acts of Terrorism (If TRIA Purchased)	CG 21 70	01 15
Exclusion of Certified Act of Terrorism (If TRIA Rejected)	CG 21 73	01 15

Amendment Non-Cumulation of Liability for Same Occurrence – Personal & Advertising Injury and Bodily Injury &/or Property Damage	LC 25 13	08 08
Premium Responsibility Endorsement	LC 99 36	02 13
Additional Insured – Owners, Lessees or Contractors – Blanket per Written Contract or Agreement Executed Prior to a Loss	CG 20 10	04 13
Amendment of Insured Contract Definition	CG 24 26	04 13
Bodily Injury to Co-Employees	LC 04 04	06 05
Bodily Injury Redefined to Include Mental Anguish, Shock, Humiliation	LC 29 09	10 11
Broadened Damage To Premises Rented to You Coverage – to Include Fire, Lightening, Explosion, Water Damage	LC 04 27	10 11
Broad Form Named Insured Endorsement 50% or More Common Ownership	LC 99 40	02 13
Composite Rate Endorsement – per 1,000 MWH (Subject to Audit)	LC 99 12	10 13
Notice of Cancellation – 90 Days Except 10 Days for Non-Payment	CG 02 24	10 93
Employee Benefits Liability (CT) \$1M/\$1M; ded \$1,000; Retro 8/1/1995	CG 27 21	04 13
Knowledge of Occurrence - Amend to "Executive Officer" or "Employee" Designated by the first Named Insured for Knowledge of a Loss	LC 99 02	02 13
Notice of Occurrence – Amend to "Executive Officer" or "Employee" Designated by the first Named Insured to give notice of a loss	LC 99 01	02 13
Professional Health Care Services By Employees Coverage	LC 04 01	10 11
Reasonable Force - Expected or Intended Injury Exclusion Does Not Apply to Reasonable Force to Protect Persons or Property	LC 04 02	10 11
Unintentional Failure to Disclose All Hazards	LC 99 -3	02 13
Waiver of Transfer of Rights of Recovery Against Others To Us –Blanket Where Required by Written Contract Executed Prior to a Loss	CG 24 04	05 09
Boats – Any Non-Owned Watercraft that is less than 75 Feet	CG 24 12	11 85
Designated Location Aggregate – All "locations" at which you are performing ongoing operations	LC 25 17	10 13
Electro Magnetic Radiation Limit Endorsement \$500k Per Occ/\$1M Agg Subject to Audit	LC 04 57	01 15
Other terms, conditions, exclusions per policy forms		

#### General Liability Premium Summary:

Carrier:	2022 - 2023 Renewal	2023 - 2024 Renewal	Change (%)
Writing Company:	Liberty Mutual Ins Co	Liberty Mutual Ins Co	
A.M. Best Rating:	A XV, Admitted	A XV, Admitted	
Exposure	352,914	263,000	
Exposure Basis	<b>Per \$1000 GL Payroll</b>	<b>Per \$1000 GL Payroll</b>	
Rate	\$18.50	\$19.61	<b>6%</b>
Gross GL Premium	\$65,289.00	\$47,131.00	
<b>NET GL Premium</b>	<b>\$55,495.65</b>	<b>\$40,061.35</b>	<b>-28%</b>
NET TRIA (optional)	\$1,275	\$1,500	
Commission to Beecher	0% (15% Netted Out)	0% (15% Netted Out)	

# AUTO LIABILITY & PHYSICAL DAMAGE

Term: July 1, 2023 – July 1, 2024

Coverage:	Symbol	Limits
Liability - Combined Single Limit	1	\$1,000,000
Medical Payments	2	\$5,000
Uninsured Motorist Limit	2	\$1,000,000
Underinsured Motorist Limit	6	Statutory Minimum
Medical Payments	6	Statutory Minimum
Personal Injury Protection	5	Basic
Hired and Non-Owned Liability	Included	\$1,000,000
Hired Physical Damage		\$50,000
Comprehensive/Hired Car Physical Damage	8	ACV
Collision/Hired Car Physical Damage	8	ACV
Deductibles:		
Comprehensive	2,8	\$1,000
Collision	2,8	\$1,000

Exposure: 2022 - 2023 # Units 12 2023 - 2024 # Units 12

Vehicle Schedule:	#	Year	Make	Model	VIN/Serial #	Type	Garaging
	1	2009	Ford	Ranger-126-Red	1FTYR15E49PA26219	LT	Hartford, CT
	2	2006	Dodge	Ram 1500 Pick-Up	1D7HU16PX6J176628	LT	Hartford, CT
	3	2007	Ford	Ranger-126	1FTYR15E37PA56048	LT	Hartford, CT
	4	2008	Ford	Ranger-Sup	1FTYR15E88PA37772	LT	Hartford, CT
	5	2008	Ford	Explorer	1FMEU73E68UA53392	PPT	Hartford, CT
	6	2008	Ford	Ranger-126-BLU	1FTYR15E28PA57502	LT	Hartford, CT
	7	2008	Ford	F-350 Pickup	1FTWF31R28EC70790	HVY	Hartford, CT
	8	2009	Ford	Ranger-126-BLK	1FTYR15E29PA26218	LT	Hartford, CT
	9	2010	Ford	Ranger-126-SIL	1FTLR4FE9APA06451	LT	Hartford, CT
	10	2010	Ford	Escape-Grey	1FMCU9C73AKB40429	PPT	Hartford, CT
	11	2010	Ford	Escape-Tan	1FMCU9C7XAKB40430	PPT	Hartford, CT
	12	2012	Ford	Super Duty F-350	1FDRF3HT4CEB80009	HVY	Hartford, CT
				Transport Plate			

Terms, Conditions & Exclusions including but not limited to:	Form #	Edition
Business Auto Coverage Form	CA 00 01	10 13
Applicable State Endorsements		
Broad Form Named Insured – 50% or More Common Ownership	AC 84 13	01 11
Common Policy Conditions	IL 00 17	11 98
Notice of Cancellation – 90 Days Except 10 Days for Non-Payment	AM 20 01	06 10
Auto Medical Payments Coverage	CA 99 03	10 13

Rental Reimbursement Coverage	CA 99 23	10 13
Driver Other Car Coverage - All Executive Officers	CA 10 10	10 13
Pollution Liability – Broadened Coverage for Covered Autos	CA 99 48	10 13
Hired Autos Specified as Coverage Autos You Own	CA 99 16	10 13
Employees as Insureds	CA 99 33	10 13
Notice of Accident	AC 84 14	01 11
Knowledge of Accident	AC 84 15	01 11
Unintentional Errors or Omissions	AC 84 16	01 11
Composite Endorsement – Number of Power Units	AC 99 08	08 12
Waiver of Transfer of Rights of Recovery Against Others to Us –	CA 04 44	10 13
Blanket per Written Contract Executed Prior to a Loss		
Designated Insured – Blanket Additional Insured per Written contact	CA 20 48	10 13
Executed Prior to a Loss		
Employee Hired Autos	CA 20 54	10 13
Connecticut Transporter Plate Coverage – Plate #4797	CA 20 22	10 13
Fellow Employee Coverage	CA 20 55	10 13
Nuclear Energy Liability Exclusion	IL 00 21	09 08
Exclusion of Terrorism	CA 23 84	10 13
State Application of Terrorism Exclusion	AC 84 27	08 15
Exclusion of Terrorism Above Statutory Limits – State Specific		
Terms, Conditions & Exclusions per policy forms		
Subject to Audit		
Other terms, conditions, exclusions per policy forms		

**Auto Liability Premium Summary:**

<b>Carrier:</b>	<b>2022 - 2023 Renewal</b>	<b>2023 - 2024 Renewal</b>	<b>Change (%)</b>
Writing Company:	Liberty Mutual Ins Co	Liberty Mutual Ins Co	
A.M. Best Rating:	A XV, Admitted	A XV, Admitted	
Exposure	12 Power Units	12 Power Units	
Rate per Unit	\$3,060	\$3,335	9%
Gross Premium	\$36,720	\$40,020	
<b>NET Premium</b>	<b>\$31,212.00</b>	<b>\$34,017.00</b>	<b>9%</b>
Commission to Beecher	0% (15% Netted Out)	0% (15% Netted Out)	

# UMBRELLA LIABILITY \$10M

Term: July 1, 2023 – July 1, 2024

Limits of Liability:	Per Occurrence	\$10,000,000
	General Aggregate	\$10,000,000
	Products/Completed Operations Aggregate	\$10,000,000
	Self-Insured Retention	\$10,000

Schedule of Underlying:	Coverage	Limits
	General Liability	\$1,000,000 / \$2,000,000
	Employee Benefits Liability E&O	\$1,000,000
	Employers Liability	\$1,000,000
	Automobile Liability	\$1,000,000

Terms, Conditions & Exclusions including but not limited to:	Form #	Edition
Commercial Liability Umbrella Coverage Form	LCU 00 01	11 10
State Endorsements (If Any)		
Non-Cumulation of Liability (Same Occurrence)	LCU 25 09	11 10
Crisis Management Coverage	LCU 04 11	01 12
CT Changes – Cancellation and Non-Renewal	LCU 02 03	11 10
Foreign Liability Limitation	LCU 24 09	11 10
Additional Insured Limitation	LCU 20 01	10 13
Personal & Advertising Injury Exclusion – Amendment	LCU 21 73	10 13
Liquor Liability Exclusion – Amendment	LCU 21 74	10 13
Newly Acquired & Formed Organizations Amendment	LCU 99 07	01 14
90 Days' Notice of Cancellation Except 10 Days for Non-Payment	LCU 02 01	06 07
Employee Benefits Coverage Limitation	LCU 04 04	11 10
Knowledge of Occurrence	LCU 99 08	08 14
Waiver of Rights of Recovery Against Others to Us per Written Contract Executed Prior to a Loss	LCU 24 07	11 10
Bodily Injury to Co-Employee Coverage	LCU 04 09	11 10
Professional Health Care Services By Employee or Volunteer	LCU 04 07	11 14
Workers' Comp Coverage		
Cap on Certified Act of Terrorism (If TRIA Purchased)	CU 21 36 08	01 08
Commercial Liability Umbrella Coverage Form	LCU 00 01	11 10
Silica Exclusion	LCU 21 18	11 10
Asbestos Exclusion	LCU 21 78	10 13
Unlawful Discrimination Exclusion	LCU 21 79	01 14
Radioactive Matter Exclusion	LCU 21 79	01 14
Access or Disclosure of Confidential Information or Personal	LCU 21 85	12 14



Information and Data-Related Liability Exclusion – with limited bodily injury exception

Designated Professional Services Exclusion	LCU 21 24	10 13
Electromagnetic Fields & Electromagnetic Radiation Exclusion	LCU 21 42	06 07
Failure to Supply Exclusion	LCU 21 02	10 13
Lead Exclusion	LC 21 06	06 07
MBTE Exclusion	LC 21 65	08 07
Polychlorinated Biphenyls (PCBs) Exclusion	LC 21 65	08 07
Total Pollution Exclusion	LCU 26 01	11 10
Underlying Limit with Sublimit Exclusion	LCU 21 53	11 10
Auto Exclusion of Terrorism Coverage	CU 21 56	06 06
Exclusion of Certified Acts of Terrorism (Unless TRIA Purchased)		
State Specific Terrorism Exclusion Related to Certified Acts of Terrorism		
Other terms, conditions, exclusions per policy forms		

**\$10M Primary Umbrella Premium Summary:**

<b>Carrier:</b>	<b>2022 - 2023 Renewal</b>	<b>2023-2024 Renewal</b>	<b>Change (%)</b>
Writing Company:	Liberty Mutual Ins Co	Liberty Mutual Ins Co	
A.M. Best Rating:	A XV, Admitted	A XV, Admitted	
Limit:	\$10,000,000	\$10,000,000	
Cost per \$1MM	\$4,904.84	\$4,901.02	-0.078%
Gross Premium	\$57,704.00	\$57,659.00	
<b>NET Premium</b>	<b>\$49,048.40</b>	<b>\$49,010.15</b>	<b>-0.078%</b>
NET TRIA (optional)	Rejected	\$1,439	
Commission to Beecher	0% (15% Netted Out)	0% (15% Netted Out)	

## EXCESS LIABILITY \$15M x \$10M

Term: July 1, 2023 – July 1, 2024

Limits of Liability:	Per Occurrence	\$15,000,000 x \$10,000,000
	General Aggregate	\$15,000,000 x \$10,000,000
	Products/Completed Operations	\$15,000,000 x \$10,000,000
	Aggregate	

Schedule of Underlying:	Coverage	Limits
	Umbrella Liability	\$10,000,000/\$10,000,000

Terms, Conditions & Exclusions including but not limited to:	Form #	Edition
Excess Liability Coverage form	EXL 02 03	08 13
Service of Suit	EXL 13 02	05 12
Cap on Certified Acts of Terrorism (if TRIA Purchased)	EXL 12 02	01 08
Contractors Limitation	EXL 61 22	02 14
Absolute Asbestos Exclusion	EXL 6001	08 13
Nuclear Energy Exclusion	EXL 6066	08 13
Absolute Pollution Exclusion	EXL 6002	08 13
Exclusion – Violation of Information Statutes	EXL 0516	11 12
War Liability Exclusion	EXL 0562	06 06
Care, Custody & Control Exclusion	EXL 0506	06 06
Crisis Response Management Exclusion	EXL 0524	06 06
Exclusion of Other Acts of Terrorism Committed Outside of the U.S.		
Cap on Certified Acts of Terrorism (if TRIA Purchased)	EXL 12 02	01 08
Failure to Supply Exclusion	EXL 0530	06 06
Uninsured/Underinsured Motorist Exclusion	EXL 0537	12 06

15M Excess Liability Premium Summary:

Carrier:	2022 - 2023 Expiring	2023 - 2024 Renewal	Change (%)
Writing Company:	RSUI 50%/Evanston 50%	RSUI 50%/Evanston 50%	
A.M. Best Rating:	A XV, Admitted (RSUI) A XV, Non-Admitted (Evanston)	A XV, Admitted (RSUI) A XV, Non-Admitted (Evanston)	
Limit:	\$15,000,000	\$15,000,000	
Cost per \$1MM	\$2,500	\$2,500	
<b>NET Premium</b>	<b>\$45,000</b>	<b>\$45,000</b>	0%
<b>AmWins Fee</b>	\$0	TBD	
CT Surplus Lines Tax	\$1,000	\$1,000	
Total Cost	\$46,000	\$46,000	0%
Commission to Beecher	0% (10 Netted Out)	0% (10 Netted Out)	

# WORKERS COMP & EMPLOYERS LIABILITY

Term: July 1, 2023 – July 1, 2024

FEIN #: 06-0901365

Employers Liability Limits: Bodily Injury by Accident – Each Accident \$1,000,000  
Bodily Injury by Disease – Policy Limit \$1,000,000  
Bodily Injury by Disease – Each Employee \$1,000,000

States: Connecticut

Experience Mod: .68 (2022 – 2023) .77 (2023 – 2024)

Workers Compensation Exposure:		2022 – 2023		2023 – 2024	
Class Code	Description	# Employees	Estimated Payroll	# Employees	Estimated Payroll
7590	Garbage Works	7	\$352,914	5	\$240,344
7590	Garbage Works Supervisor	0	0	0	0
9410	Municipal, State Employee NOC Clerical	1	\$157,369	0	0
8810	Employees NOC	17	\$2,144,436	10	\$1,176,867
		<b>25</b>	<b>\$2,654,719</b>	<b>15</b>	<b>\$1,417,211</b>

Terms and Conditions including, but not limited to:	Form #
Workers' Compensation & Employer's Liability form	WC 00 01 06 A
Longshore and Harbor Workers' Compensation Act Coverage: "If Any"	WC 00 03 03 C
Voluntary Compensation & Employers Liability Coverage	WC 00 03 11 A
Waiver of Rights to Recovery from Others "Where Required by Written Contract"	WC 00 03 13
Premium Discount Endorsement	WC 00 04 06
Notification of Change in Ownership	WC 00 04 14
Catastrophe (Other than Certified Acts of Terrorism)	WC 00 04 21 D
TRIA Disclosure	WC 00 04 22 B

Participating Provision	WC 99 20 54
Knowledge and Notice of Occurrence	WM 90 01 06 10
Unintentional Errors & Omissions	WM 90 02 06 10
90 Days' Notice of Cancellation except 10 Days for Non-Payment of Premium	WM 90 06 12 09
State Coverage endorsements (If Any)	
Subject to Audit	
Other terms, conditions, exclusions per policy forms	

**Workers' Compensation Premium Summary:**

Carrier:	2022 – 2023 Renewal	2023 – 2024 Renewal	Change (%)
Writing Company:	Employers Ins. Co. of Wausau (Liberty Mutual)	Employers Ins. Co. of Wausau (Liberty Mutual)	
A.M. Best Rating:	A XV, Admitted	A XV, Admitted	
Limit:	\$2,654,719	\$1,471,211	-45%
Average Rate per \$100	\$1.38	\$1.66	5%
Gross Premium	<b>\$36,720.00</b>	<b>\$24,368.00</b>	
<b>NET Premium</b>	<b>\$34,884.00</b>	<b>\$23,149.60</b>	
State Tax/Assessments	\$1,675	\$1,071	
<b>Total NET Cost</b>	<b>\$36,559</b>	<b>\$24,221</b>	-41%
Commission to Beecher	0% (5% Netted Out)	0% (5% Netted Out)	

# PUBLIC OFFICIALS LIABILITY

Term:

July 1, 2023 – July 1, 2024

Public Officials Errors & Omissions	Limit of Liability
Each Claim	\$10,000,000
Annual Aggregate Limit	\$10,000,000
Employment Practices Liability	
Each Claim	\$10,000,000
Annual Aggregate Limit	\$10,000,000
EPL Breach of Contract Sublimit	\$4,000,000 sublimit
Crisis Management	\$25,000
Wage & Hour	\$50,000
Non-Monetary Defense Costs	\$50,000 per Claim/\$100,000 Aggregate
FLSA for D&O/EPL	\$50,000 for defense
Eminent Domain Claims	\$50,000
Pending & Prior Acts Date:	NONE
Retention	\$100,000

## Terms, Conditions & Exclusions including, but not limited to:

DRWN POL 1005 Public Officials Liability and EPL Insurance policy declarations  
 SAA-100 Schedule of Policy Forms  
 DRWN POL 1000 Public Officials and EPL Insurance Policy  
 PGU Defense paid within the limit of liability  
 S1006 DSI Service of Suit  
 Pre-Approved Counsel – Halloran & Sage  
 PGU Minimum earned premium (25%)  
 Amend Settlement cap clause to 30% coinsurance  
 Sub-limit for Wage and Hour defense costs (\$50,000)  
 1, 2 and 3 years at 70%, 100% and 150% of the annual premium  
 Increase non-monetary claims sub-limit from \$50K/\$100K to \$500K/\$1M for 10% additional premium  
 Entity Exclusions – NONE  
 Severability of the Exclusions – No act, error or omission of any insured will be imputed to any other Insured to determine coverage for any exclusion  
 Severability of the Application – No imputation of knowledge between Insured Persons. Knowledge of an elected or appointed official, or the highest-ranking member of the board will be imputed to the corporation entity to determine coverage  
 Failure to Maintain Insurance Exclusion  
 MXE-10002-12-19 | Specific Person or Organization Exclusion – FCR, LLC  
 MXE-03-12-19 | Specific Claim or Matter Exclusion  
 MXE-10010-12-19 | Follow Form Sublimited Coverage Not Follow Form- Recognize Erosion  
 EPL MXE-000CT-12-19 | Connecticut Amendatory Endorsement  
 PGU 1133 01 02 US Professional Indemnity - Cyber Exclusion (new)

**Public Officials Sub-limit for ENDT MANU 138 Breach of Contract Sublimit Decrease from \$2M to \$250K**

DUE TO PAYING OUT \$833,000 UNDER THIS COVERAGE IS 2-019

Other terms, conditions per policy forms for primary & excess policies

**Public Officials Premium Summary:**

Carrier:	2022 – 2023 Expiring		2023 - 2024 Renewal		Change (%)
Writing Company:	PGU – AXA XL Catlin (Indian Harbor Ins Co	Nexus – (Professional Solutions Insurance Co.)	PGU – AXA XL Catlin (Indian Harbor Ins Co	Nexus – (Professional Solutions Insurance Co.)	
A.M. Best Rating:	A XV, Non- Admitted	A XV, <b>Admitted</b>	A XV, Non- Admitted	A XV, <b>Admitted</b>	
Limit	\$10,000,000 (\$5M PGU/\$5M Nexus)		\$10,000,000 (\$5M PGU/\$5M Nexus)		
<b>NET Premium</b>					8%
Surplus Lines Tax	<b>\$3,648.88</b>	<b>\$0</b>	<b>\$3,988.96</b>	<b>\$0</b>	
AmWins/Carrier Fee	\$745	\$745	\$745	\$400	
Total Cost	<b>\$167,015.88</b>		<b>\$174,724.00</b>		<b>5%</b>
Minimum Earned Premium	25%		25%		
Commission to Beecher	0% (10% Netted Out)		0% (10% Netted Out)		

# COMMERCIAL CRIME

Term: July 1, 2023 – July 1, 2024

Employee Theft:

## Coverage A

Employee Theft – Single Limit	\$3,000,000
Retention	\$100,000
ERISA Fidelity	Not Covered
Employee Theft of Client	Not Covered

## Property

Forgery or Alteration:

## Coverage B

Single Loss Limit	\$3,000,000
Retention	\$100,000

On Premises Liability:

## Coverage C

Single Loss Limit	\$100,000
Retention	\$10,000

In Transit:

## Coverage D

Single Loss Limit	\$10,000
Retention	\$500

Money Orders & Counterfeit:

## Coverage E

Single Loss Limit	\$10,000
Retention	\$500

Computer:

## Coverage F

Computer Crime - Single Loss Limit	\$3,000,000
Retention	\$10,000
Computer Program/Data Restoration	\$100,000
Retention	\$100,000

Funds Transfer Fraud:

## Coverage G

Single Loss Limit	\$3,000,000
Retention	\$100,000

Personal Accounts Protection:

## Coverage H

Forgery & Alteration – Single Loss Limit	\$100,000
Retention	\$10,000
Identity Fraud Expense Reimbursement	\$25,000
Retention	\$0

Claims Expense:

## Coverage I

Claims Expense	\$100,000
Retention	\$0



	Form #	Edition Date
Commercial Crime Form	CRI-2001	01 09
Removal of Short-Rate Cancellation	ACF-7006	05 11
Global Coverage Compliance – Adding Financial Coverage and Sanctions	CRI-19072	03 15
Condition Compliance Endorsements		
Replace Insuring Agreement A.2. ERISA Fidelity Endorsement	CRI-19076	01 16
Social Engineering Fraud Exclusion	CRI-19086	05 16
Connecticut Cancellation	CRI-5007	06 13
Governmental Entity Crime Endorsement	CRI-7125	01 09
Governmental Entity Crime Endorsement	CRI-7126	01 09

**Commercial Crime Premium Summary:**

Carrier:	2022 - 2023 Renewal	2023 - 2024	Change (%)
Writing Company:	Travelers	Travelers	
A.M. Best Rating:	A XV, Admitted	A XV, Admitted	
Premium	\$3,419	\$3,419	
NET TRIA	Included	Included	
<b>Total Premium:</b>	<b>\$3,419</b>	<b>\$3,419</b>	<b>0%</b>
Commission to Beecher	0%	0%	

# FIDUCIARY LIABILITY

Term:	July 1, 2023 – July 1, 2024	
Coverage:	Designated Benefit Plan Fiduciary Liability	
Limits of Liability:	Policy Aggregate	\$3,000,000
	Additional Defense	\$1,000,000
Retention:	Per Claim Limit	\$0
Sublimits:	Settlement Program Limit	\$100,000 for Each Settlement
	HIPAA Limit	\$1,500,000
	502c Penalties	\$ 200,000
Continuity Date:	04/01/1996	
Extended Reporting Period:	Additional Premium 75% for 12 Months	

Terms, Conditions & Exclusions including, but not limited to:	Form #	Edition
Designated Benefit Plan Fiduciary Liability Form	DBP-16001	11 12
Cap on Certified Acts of Terrorism	AFE-19004	01 15
Federal Terrorism Risk Act Disclosure	AFE-19008	01 15
Connecticut Changes	DBP-17006	01 15
Waiver of Resource	DBP-19001	01 12
Governmental Plan	DBP-19002	01 12
Add Governmental Plan Sponsor as an Insured – Coverage for Defense Expense	DBP-19005	01 12
Addition of Specific Benefit Plan	DBP-19025	01 12
Settlement Condition: Defense 20%	DBP-19031	01 12
Global Coverage Compliance	DBP-19083	03 15
Claims Defense – Duty to Defend	Included	

## Fiduciary Liability Premium Summary:

Carrier:	2022 - 2023 Renewal	2023 -2024 Renewal	Change (%)
Writing Company:	Travelers	Travelers	
A.M. Best Rating:	A XV, Admitted	A XV, Admitted	
Allied World Primary	\$5,764	\$5,489	
NET TRIA	Included	Included	
<b>Total Premium:</b>	<b>\$5,765</b>	<b>\$5,489</b>	<b>-5%</b>
Commission to Beecher	0%	0%	
	Plan Value by 59%	Plan Value by 59%	

## A.M. BEST RATINGS

All carriers are rated A.M. Best A or better.

If the above indicates coverage is placed with a Non-Admitted Carrier, the carrier is doing business in the state as a surplus lines or non-admitted carrier. As such, this carrier is not subject to the same regulations which apply to an admitted carrier, nor do they participate in any insurance guarantee fund applicable in that state.

### BEST RATING LEVELS AND CATEGORIES

Level	Category	Level	Category	Level	Category
A++, A+	Superior	B, B	Fair	D	Poor
A, A-	Excellent	C++, C+	Marginal	E	Under Supervision
B++, B+	Very Good	C, C	Weak	F	In Liquidation
				S	Rating Suspended

### FINANCIAL SIZE CATEGORIES

(In \$000 of Reported Policyholders' Surplus Plus Conditional Reserve Funds)

FSC I	Up to 1,000	FSC IX	250,000 to 500,000
FSC II	1,000 to 2,000	FSC X	500,000 to 750,000
FSC III	2,000 to 5,000	FSC XI	750,000 to 1,000,000
FSC IV	5,000 to 10,000	FSC XII	1,000,000 to 1,250,000
FSC V	10,000 to 25,000	FSC XIII	1,250,000 to 1,500,000
FSC VI	25,000 to 50,000	FSC XIV	1,500,000 to 2,000,000
FSC VII	50,000 to 100,000	FSC XV	2,000,000 or more
FSC VIII	100,000 to 250,000		

Best's Insurance Reports, published annually by A.M. Best Company, Inc., presents comprehensive reports on the financial position, history, and transactions of insurance companies operating in the United States and Canada. Companies licensed to do business in the United States are assigned a Best's Rating which attempts to measure the comparative position of the company or association against industry averages. Copies of the Best's Insurance Reports on the insurance companies are available upon your request.

Beecher Carlson uses A.M. Best & Co.'s rating services to evaluate the financial condition of insurers whose policies we propose to deliver. The rating of the carrier and the year of publication of that rating are indicated. Beecher Carlson makes no representations and warranties concerning the solvency of any carrier, nor does it make any representation or warranty concerning the rating of the carrier which may change.

# DISCLAIMERS

## OUR COMPENSATION

Beecher Carlson offers a variety of compensation methods including commissions and fees paid by insurance companies and fees paid by clients. Beecher Carlson may be compensated through one or a combination of the following methods.

**Retail Commissions:** A retail commission is paid to Beecher Carlson by the insurer, managing general agent or wholesale broker as a percentage of the premium charged to the insured for the policy. The amount of commission is dependent upon several factors including the type of insurance product sold, and the insurer selected by the client. Retail commission rates can vary from transaction to transaction.

**Client Fees:** Some clients may negotiate a fee for Beecher Carlson's services instead of or in addition to retail commissions paid by insurance companies. The written fee agreements are typically in accordance with a Client Broker Service Agreement which outlines the services to be provided, the compensation to be paid to Beecher Carlson, and the terms of Beecher Carlson's engagement. The fee may be collected in whole or in part through the crediting of retail commissions collected by Beecher Carlson for the client's placements.

**Wholesale Broking Commissions:** For some transactions, certain affiliate(s) of Brown & Brown, Inc. ("B&B Affiliate"), Beecher Carlson's parent company, may act as a wholesale insurance broker. In these placements, the B&B Affiliate is engaged by a retail brokerage which may include Beecher Carlson's retail broking operations that has the direct relationship with the insured. As the wholesaler, the B&B Affiliate may have specialized expertise, access to surplus lines markets, or access to specialized insurance facilities not available to the retail broker. In these transactions, the insurer typically pays a commission that could be divided between the retail and wholesale broker in accordance with arrangements made between them.

**Insurer Consulting Compensation:** Beecher Carlson receives compensation from insurers for providing consulting, data analytics, and other services. The services are designed to enhance the product offerings available to our clients, assist insurers in identifying new opportunities, and improve insurers' operational efficiency. The scope and nature of the services vary by insurer and by geography. This compensation can be paid in the form of a fixed fee, a percentage of premium (previously known in the United States as enhanced commissions), or a combination the two.

**Contingent Commissions:** Some insurers agree to pay contingent commissions to brokers who meet set goals for all or some of the policies the brokers place with the insurer during a given year or other time period. The set goals may include volume, profitability, retention, or growth thresholds. As the amount of contingent commission earned may vary depending on factors relating to an entire book of business over the course of a year, the amount of contingent commission attributable to any given policy is typically not known at the time of placement.

Beecher Carlson does not accept contingent commissions on US Fee clients that have requested to be excluded from any Carrier Contingent arrangement. Beecher Carlson operations outside the United States that accept contingent commissions seek agreement from insurers to not pay contingent commissions relating to any insurance policy issued to an insured domiciled in or managed from the United States.

**Supplemental Commissions:** Some insurers agree to pay brokers supplemental commissions or compensation based on a broker's performance during the previous year. Supplemental commissions are paid as a percentage of premium set at the beginning of the calendar year; this percentage remains fixed for all policies written by the insurer during the ensuing year. Unlike contingent commissions, the amount of supplemental commission is known at the time of insurance placement. Like contingent commissions, they may be based on volume, profitability, retention or growth.

**Insurer Administration and Other Services:** Beecher Carlson is compensated by some insurers for administrative or other services performed on their behalf.

**Other Benefits or Compensation:** Beecher Carlson may occasionally participate in insurance-company promotional events or employee training and development provided by insurers. Beecher Carlson is sometimes reimbursed by insurers for its costs related to promotional marketing. Beecher Carlson also earns interest and other income on premium accounts as paid to us by the financial institutions where insurance premiums are held prior to payment to insurers. Beecher Carlson sometimes receives payments for referring clients to other service providers.

For more information on Beecher Carlson's compensation, please contact your client executive.



# Materials Innovation & Recycling Authority Pollution Renewal Proposal Effective July 1, 2023 to July 1, 2024

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June 6, 2023



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## Marketing Summary

Obtaining a comprehensive and competitively priced program of insurance in the marketplace requires more than access to the market. Past experience and credibility with markets are the foundation of a successful marketing campaign for your company. Complete and accurate submissions, with detailed specifications, are essential. Brown & Brown made a complete and personal presentation to each company contacted.

Insurance Carrier	Coverages	Best's Rating	Surplus Lines Yes/No	Carrier's Position (Quoted/Declined & Reason)
Ironshore	Pollution	A, XIV	Yes	Declined, won't offer product pollution coverage
XL	Pollution	A, XV	Yes	Declined
AWAC	Pollution	A, XV	Yes	Quoted Excess
Zurich	Pollution	A+, XV	Yes	Declined
PHLY	Pollution	A++, XV	Yes	Declined
Beazley	Pollution	A s, XV	Yes	Declined
Chubb (Incumbent)	Pollution	A++, XV	Yes	Quoted





## Marketing Summary

If the previous table indicates coverage is placed with a Non-Admitted Carrier, the carrier is doing business in the state as a surplus lines or non-admitted carrier. As such, this carrier is not subject to the same regulations which apply to an admitted carrier nor do they participate in any insurance guarantee fund applicable in that state.

### Best Rating Levels and Categories

Level A++, A+	Category Superior	Level B, B	Category Fair	Level D	Category Poor
A, A-	Excellent	C++, C+	Marginal	E	Under Supervision
B++, B+	Very Good	C, C	Weak	F	In Liquidation
				S	Rating Suspended

### Financial Size Categories

(In \$000 of Reported Policyholders' Surplus Plus Conditional Reserve Funds)

FSC I	Up to 1,000	FSC IX	250,000 to 500,000
FSC II'	1,000 to 2,000	FSC X	500,000 to 750,000
FSC III	2,000 to 5,000	FSC XI	750,000 to 1,000,000
FSC IV	5,000 to 10,000	FSC XII	1,000,000 to 1,250,000
FSC V	10,000 to 25,000	FSC XIII	1,250,000 to 1,500,000
FSC VI	25,000 to 50,000	FSC XIV	1,500,000 to 2,000,000
FSC VII	50,000 to 100,000	FSC XV	2,000,000 or more
FSC VIII	100,000 to 250,000		

Best's Insurance Reports, published annually by A.M. Best Company, Inc., presents comprehensive reports on the financial position, history, and transactions of insurance companies operating in the United States and Canada. Companies licensed to do business in the United States are assigned a Best's Rating which attempts to measure the comparative position of the company or association against industry averages. Copies of the Best's Insurance Reports on the insurance companies are available upon your request.

Beecher Carlson uses A.M. Best & Co.'s rating services to evaluate the financial condition of insurers whose policies we propose to deliver. The rating of the carrier and the year of publication of that rating are indicated. Beecher Carlson makes no representations and warranties concerning the solvency of any carrier, nor does it make any representation or warranty concerning the rating of the carrier which may change.





## General Information

<b>Named Insured:</b>	Materials Innovation & Recycling Authority
<b>Mailing Address:</b>	200 Corporate Place, Suite 202, Rocky Hill, CT 06067
<b>Term:</b>	Effective from July 1 <sup>st</sup> , 2023 12:01 AM Eastern Standard Time to July 1 <sup>st</sup> , 2024
<b>Schedule of Locations:</b>	Per SOV Provided
<b>Description/Operations:</b>	<p>In 1973, the Connecticut Resources Recovery Authority ("CRRA") was created to develop economically sound, environmentally responsible solutions for managing the state's solid waste. CRRA developed a network of resource recovery &amp; related facilities with the state of Connecticut to move away from the process of landfilling its municipal solid waste.</p> <p>On June 6, 2014, Materials Innovation and Recycling Authority ("MIRA") become the successor authority to the Connecticut Resources Recovery Authority ("CRRA"). MIRA continues to provide solid waste materials management services, with a focus on the development of additional resource recovery, recycling, and processing enterprises on property owned by the Authority and the attendant redevelopment of the Connecticut Solid Waste System.</p> <p>The Connecticut Solid Waste System (CSWS) provides solid waste disposal services to 51 municipalities in the State and is one of the primary operating divisions within the Authority.</p> <p>Property &amp; land is owned in Bridgeport, Ellington, Hartford, Essex, Shelton, Torrington, Waterbury and Watertown, CT.</p> <p>For more information see website at: <a href="http://www.ctmira.org/">http://www.ctmira.org/</a></p>



## General Information

### **MIRA's Projects & Divisions:**

- Authority General Fund
- Connecticut Solid Waste System
- Mid Connecticut Project
- Southeast Project
- Authority's Property Division
- Authority's Landfill Division
- Recycling Division

### **MIRA's Portfolio Includes:**

- Waste Processing Plant
- Power Block/Energy Generating Facility
- Jet Turbine Facility
- 1 MW Solar Facility
- Recycling Centers
- Transfer Stations/Scale house



## Schedule of Locations

Loc #	Location Name	Address	City	State	Zip	Occupancy	Retro
1	Shelton Landfill	866 River Road	Shelton	CT	06484	Shelton Land Fill & Treatment Building	10/1/1996
2	Mid-Connecticut Project - Solar PV EGF	180 East Service Rd	Hartford	CT	06120	Solar PV EGF	7/1/2020
3	CSWS Regional Recycling Facility	211 Murphy Road	Hartford	CT	06114	Museum/Offices, Recycling, Processing Center	10/1/1996
4	Ellington Landfill and Transfer Station	140 & 217 Sadds Mill Rd	Ellington		06029	Ellington Landfill incl 38.494 acres in Ellington, CT and 17.812 acres in East Windsor, CT as well as Scale/Scalehouse and Transfer Station	10/1/1996
5	Torrington Transfer Station	118 Vista Drive	Torrington	CT	06790	Transfer Station incl the Scalehouse & Recycling Transfer Station	10/1/1996
6	Essex Transfer Station	10 Dump Rd	Essex	CT		Transfer Station incl the Scalehouse & Recycling Transfer Station	10/1/1996
7	Mid-Connecticut Project - PBF	1 Reserve Road -Gates 20-40	Hartford	CT	06114	PBF (Power Block Facility) incl. the Coal Barge Unloader and Admin Building	10/1/1996
		1 Reserve Road -Gate 20-40	Hartford	CT	06114	Ash Loadout Bldg -New	
		1 Reserve Road -Gate 20-40	Hartford	CT	06114	Scale/Scalehouse - New	
	Mid-Connecticut Project -EGF & Jet Turbine Facility	1 Reserve Road -Gate 20-40	Hartford	CT	06114	EGF (Electric Generating Facility) incl the Truck Wash Facility, Twin Packs Jet Facility & Fuel Tank	10/1/1996
8	Watertown Transfer Station	1601 Echo Lake Rd	Watertown	CT	06795	Transfer Station incl the Scalehouse & Recycling Transfer Station	10/1/1996
9	Warehouse	171 Murphy Rd	Hartford	CT	06114	Warehouse used as a garage for vehicles	10/1/1996
10	Mid-Connecticut Project - Waste Processing Facility	300 Maxim Rd-Gate 70	Hartford	CT	06114	Waste Processing Facility (WPF) incl Scalehouse and Admin Building	10/1/1996
11	Waterbury Bulky Waste Landfill	Highland Avenue and Highland Street (also known as 109 Nichols Drive)	Waterbury	CT	06708	Waste Landfill	10/1/1996
12	Wallingford Vacant Land	25, 92 & 100 Pent Road and 2 OliverCreek	Wallingford	CT		Vacant Land	10/1/1996



## Schedule of Divested Properties

Covered Locations		Address	Divestiture Date
1	Shelton Transfer Station, Transfer Station Trailer, Scalehouse, Truck Wash Facility, House/Office & Garage	866 River Road, Shelton, CT 06484	1/1/2009
2	Darien Transfer Station and Scalehouse	Ledge Rock Road, Darien, CT (also known as 50 Ledge Rock Road, 60 Ledge Rock Road and 126 Ledge Rock Road, Darien, CT)	1/1/2009
3	Fairfield Transfer Station and Scalehouse	One Road Highway, Fairfield, CT (also known as 95 One Road Highway and 530 One Road Highway, Fairfield, CT)	1/1/2009
4	Greenwich Transfer Station and Scalehouse	Holly Hill Lane, Greenwich, CT (also known as 4 Holly Hill Lane and 99 Holly Hill Lane, Greenwich, CT)	1/1/2009
5	Milford Transfer Station and Scalehouse	831 Ononoque Road, Milford, CT	1/1/2009
6	Norwalk Transfer Station and Scalehouse	Crescent Street, Norwalk, CT (also known as 1 Crescent Street 61 Crescent Street and 100 Crescent Street, Norwalk, CT)	1/1/2009
7	Trumbull Transfer Station and Scalehouse	101 Spring Hill Road, Trumbull, CT	1/1/2009
8	Westport Transfer Station and Scalehouse	Sherwood Island Connector, Westport, CT (also known as 100 Sherwood Island Connector and 300 Sherwood Island Connector), Westport, CT	1/1/2009
9	Waste-to-Energy Facility	530 South Cherry Street, Wallingford, CT	1/1/2009
10	Bridgeport Waste-to-Energy Facility	6 Howrd Avenue, Bridgeport, CT 06605	1/1/2009
11	Museum/Offices/Recycling Transfer Facility Hartford Landfill including the Scalehouse, Maintenance Building & Truck Wash Facility	1410 Honeyspot Road Extension, Stratford, CT 06497	3/3/2017
12	Wallingford Landfill	180 Liebert Street, Hartford, CT	3/17/2015
13	Montville Landfill	5 Pent Road, Wallingford, CT	4/24/2014
14	Southeast Waste-to-Energy Facility	Ford Shantok Road, Montville, CT	12/15/2015
15	276 Wordin Ave	132 Militart Highway, Preston, CT 06365	12/15/2015
16		276 Wordin Ave, Bridgeport, CT 06605	7/1/2020



## Description of Main Facilities

### Power Block Facility/Energy Generating Facility (Mid Connecticut Project)

1 Reserve Road Gate 20-40, Hartford, CT 06114

The facility is operated as a base loaded facility. The primary fuel for these boilers is Refuse Derived Fuel (RDF) which is processed at the Waste Processing Facility and transported by conveyors. The facility is designed to process 2000 tons per day with an electric generation of 68.5 megawatts. The boilers are also capable of burning coal; however the coal supply at the burners has been disconnected. No coal has been burned for several years. The steam from the boilers is directed to a common header, which supplies two steam turbine generators.

### Mid-Connecticut Project – Waste Processing Facility

300 Maxim Road, Gate 70, Hartford, CT 06114

The Facility processes Municipal Solid Waste (MSW). The facility was designed by Combustion Engineering and was placed into operation in 1987. The facility has two processing lines designed to process 100 tons per hour each, with a design average capacity of 3300 tons per day.

The waste is brought in by truck through a scale house. The trucks are unloaded onto a tipping floor and the MSW is moved to a conveyor by a large front end loader. There are two conveyors that move the waste through crane operated picking stations. The crane operators remove large metal debris, bulky items, long string type waste that could wrap on the conveyor rollers, and pressurized tanks such as propane tanks. The waste is conveyed from the picking station into the primary shredder (flail type). The waste from the shredder is transported by conveyor through a magnetic separator. The ferrous materials are loaded on a truck and transported out to another processing facility. The nonferrous waste is then sent through a series of trommels to size the material. The oversized waste is then sent through a secondary shredder (Hammer Mill type). The waste is transported by conveyor to a Refuse Derived Fuel (RDF) Storage area. The RDF is loaded onto two conveyors, with front-end loaders, which transport the RDF to the Power Block Facility.

The facility has the capacity to store approximately 5000 tons of MSW and 5000 tons of RDF.



## Description of Main Facilities (Continued)

### Mid-Connecticut Project – Jet Turbine Facility

1 Reserve Road, Gate 20-40 Hartford, CT 06114

The Jet Turbine Facility is now owned by the Materials Innovation and Recycling Authority (MIRA), formerly Connecticut Resource Recovery Authority (CRRRA). The site was purchased by CRRRA in 2001. NAES was contracted for the operations and maintenance of the facility. The contract with Northeast Generation Services, Inc. expired in 2012.

The Jet Turbine facility is operated as a peaking plant and is used for black start capability to the Northfield Mountain pumped storage facility. In the event of a regional black-out event the Story Brook facility is the first unit to come on line to restore power to the 1000MW Northfield Mountain facility. The

Story Brook facility will provide the balance on the electrical system needed to bring the Northfield Mountain on line. In the event the Story Brook facility is not able to come on line, the Jet Turbine facility is called to start the system. The Jet turbine facility is located on the same site as the Mid-Connecticut Project Power Block/Energy Generating facility which generates electrical power from Municipal Solid Waste.

The Jet Turbine facility is located near the intersection of Reserve and Maxim Roads, in Hartford Connecticut. The facility produces electricity for sale. The facility has eight Pratt & Whitney turbine engines Model FT4A-9 burning exclusively jet fuel (No.2 Oil). The turbines are identified as Units 11A and 11B, 12A and 12B, 13A and 13B and Units 14A and 14B. . Each turbine has a maximum through put of 1900 gallons of jet fuel per hour. There are two turbines coupled to a generator making twin pack combustion turbine generators. Each turbine engine has its own stack. There are no emission control devices or emission monitoring equipment associated with the units. The plant was put in to commercial service in 1972. The plant currently operates in a peaking mode. The units operate approximately 20 hours per year.

The facility operates as a peaking station and typically is operated in the hot summer months. The unit is test fired three times per year; once for black start capability and summer and winter capacity audits.



## Description of Main Facilities (Continued)

### Mid-Connecticut Project – Solar PV Energy Generating Facility

180 Service Road, Hartford, CT 06114

The Solar PV facility consisting of 3,993 panels that generate up to 1MW of electricity. The facility was built on top of a closed landfill and began commercial operations on June 17, 2014. The electricity is sold to Connecticut Power & Light. The landfill was closed in an environmentally sound manner consistent with applicable law.



## Pollution Legal Liability

**Term:** July 1, 2023 – July 1, 2024

**Coverages:**

A	Premises Pollution Conditions or Indoor Environmental Conditions Coverage
B	Transportation Coverage – 12/1/1996 Retro
C	Non-Owned Disposal Site Coverage – 10/1/2010 Retro

**Limit of Liability:**

Carrier	Limit Option Each Pollution Condition or Indoor Environmental Condition	Limit Option Aggregate All Pollution Conditions or Indoor Environmental Conditions	Self-Insured Retention Each Pollution Condition	1 Year Premium
Chubb (Primary)	\$10,000,000	\$10,000,000	\$250,000	\$117,032.00
AWAC (Excess Follow Form)	\$10,000,000	\$10,000,000	N/A	\$58,516.00
Total Limit	\$20,000,000	\$20,000,000		\$175,548.00





## Pollution Legal Liability (Continued)

Terms, Conditions & Exclusions including, but not limited to:	Form #	Edition
Premises Pollution Liability Insurance Policy Form	PF-44887b	08 18
Schedule of Additional Insureds (Broad – With By Contract)	PF-44890	09 14
Schedule of Additional Insureds <ul style="list-style-type: none"> <li>• <i>South Central Resources Recovery (Formerly Wallingford) Project</i></li> <li>• <i>Southwest (Formerly Greater Bridgeport) Project</i></li> </ul>	PF-44892	09 14
Schedule of Named Insured Endorsement <ul style="list-style-type: none"> <li>• <i>NAES Corporation</i></li> </ul>	PF-32460	11 10
Schedule of Named Insureds (Broad – Majority Owned Chain) Endorsement	PF-32461	11 10
Divested Properties Coverage (Third-Party Liability – Full Retroactive) Endorsement	PF-48631	01 17
Divested Properties Coverage (Third-Party Liability) Endorsement	PF-48632	01 17
Fluorinated Compounds Exclusionary Endorsement	PF-51304a	02 20
Indoor Environmental Conditions Sublimit and Give-Back Endorsement	PF-48644	01 17
Known Conditions Exclusion Amendatory Endorsement	PF-46966	09 15
Lead Exclusionary (Potable Water) Endorsement	PF-47994	07 16
Maintenance, Upgrades, Improvements, Or Installations Exclusionary Endorsement	PF-53198	03 20
Odors Exclusionary Endorsement	PF-51299	10 18
Other Insurance Amendatory (Primary – Exceptions) Endorsement	PF-53478	04 20
Premium Earn-Out (Staggered - One Year - Acceleration) Endorsement	PF-44967	09 14
Remediation Costs Exclusionary (On-Site Premises Pollution) Endorsement	PF-48652	01 17
Schedule of Covered Locations Endorsement	PF-51286	10 18
Schedule of Disclosed Conditions Endorsement	PF-44922	09 14
Schedule of Non-Owned Disposal Sites Endorsement	PF-44955a	01 17
SIR Amendatory (Scheduled Locations) Endorsement <ul style="list-style-type: none"> <li>• \$500,000 SIR <ul style="list-style-type: none"> <li>○ <i>Waterbury Bulky Waste Landfill - Highland Avenue and Highland Street (also known as 109 Nichols Drive)</i></li> <li>○ <i>Ellington Landfill - 140 &amp; 217 Sadds Mill Rd, Ellington, CT</i></li> <li>○ <i>Mid-Connecticut Project - Waste Processing Facility - 300 Maxim Rd – gate 70, Hartford, CT</i></li> <li>○ <i>Mid-Connecticut Project - PBF - 1 Reserve Road -Gates 20-40, Hartford, CT</i></li> <li>○ <i>Mid-Connecticut Project - EGF &amp; Jet Turbine Facility - 1 Reserve Road - Gate 20-40, Hartford, CT</i></li> <li>○ <i>Bridgeport Waste-to-Energy Facility-6 Howrd Avenue, Bridgeport, CT</i></li> </ul> </li> </ul>	PF-44986	09 14



## Pollution Legal Liability (Continued)

06605 o Hartford Landfill including the Scalehouse, Maintenance Building & Truck Wash Facility-180 Liebert Street, Hartford, CT o Wallingford Landfill-5 Pent Road, Wallingford, CT o Montville Landfill-Ford Shantok Road, Montville, CT o Southeast Waste-to-Energy Facility-132 Militart Highway, Preston, CT 06365 o Shelton Landfill 866 River Road, Shelton, CT 06484		
Specific Activities Exclusionary Endorsement	PF-48661	01 17
Specific Pollution Conditions or Indoor Environmental Conditions Exclusionary Endorsement <ul style="list-style-type: none"> <li>• Associated with or in any way related to the dioxin well installed in April 2006 at the Hartford Landfill</li> <li>• Associated with or in any way related to "pollution conditions" in groundwater migrating from the Ellington Landfill</li> <li>• Associated with or in any way related to "pollution conditions" in groundwater migrating from the Hartford Landfill</li> </ul>	PF-48662	01 17
Sudden & Accidental Coverage Limitation Endorsement	PF-48665	01 17
Service of Suit Endorsement	SL-34255a	01 16
Trade of Economic Sanctions Endorsement	ALL-21101	11 06
Terrorism Risk Insurance Act Endorsement (if TRIA is purchased)	PF-23728b	02 20
Disclosure Pursuant to Terrorism Risk Insurance Act (if TRIA is purchased)	TRIA11e	08 20
Policyholder Disclosure Notice of Terrorism Insurance Coverage (if TRIA is rejected)	TRIA24a	08 20
Not Subject to Audit		
100% Minimum-Earned Premium		
Defense Included in the Limit of Liability		
All Mandatory State Endorsements		



## Pollution Legal Liability (Continued)

### Pollution Legal Liability Premium Summary:

Carrier:	2020-2023 Expiring	2023-2024 Primary	2023-2024 Excess
Writing Company:	Illinois Union Insurance Company (Chubb)	Illinois Union Insurance Company (Chubb)	Allied World Assurance Company (U.S.), Inc
A.M. Best Rating:	A++, XV	A++, XV	A, XV
Covered Locations	12	12	12
Limits of Liability	\$20M/\$20M	\$10M/\$10M	\$10 xs \$10M
<b>NET Premium Excluding TRIA</b>	<b>\$222,591</b>	<b>\$117,032</b>	<b>\$58,516</b>
NET TRIA (optional)	\$11,130	\$122,884	\$61,441.80
Surplus Lines Tax 4%	\$8,903.64	\$4,681.28	2,340.64
Broker Commission	0%	0%	0%
Total Premium No TRIA for \$20m Limit with Tax	\$231,494.64	\$182,569.92	

### Subjectivities:

#### Chubb

- Signed TRIA election form
- Satisfactory engineering review of provided reports - additional information may be required as part of this review.
- Confirmation that Contractor Pollution Coverage is required for 3rd party contractors working on Scheduled Covered Locations
- Updated landfill monitoring reports (Submitted to Chubb already)

#### AWAC

- Completed and Signed TRIA Disclosure Statement
- Copy of completed, signed and dated primary application along with Allied World Application Warranty

## ***Tab 9***

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

**REGARDING AMENDMENT OF OMNIBUS AMENDMENT AGREEMENT WITH MURPHY ROAD RECYCLING**

**WHEREAS,** At its March 27, 2023 meeting, the Materials Innovation and Recycling Authority ("Authority") Board of Directors authorized the President to enter into a certain Omnibus Amendment Agreement with Murphy Road Recycling concerning the Authority's Transfer Agreement for Connecticut Solid Waste System Recycling Facility ("Recycling Transfer Agreement") as well as ancillary use agreements affecting 211 and 171 Murphy Road in order to complete unencumbering of the Recycling Facility so that it may be put to a future productive use (the "Omnibus Amendment Agreement"); and

**WHEREAS,** Murphy Road Recycling has subsequently requested a reduction in the bond requirements included in the Recycling Transfer Agreement which management has reviewed and considers reasonable to incorporate into such Omnibus Amendment Agreement at this time.

**NOW THEREFORE, be it**

**RESOLVED:** The Omnibus Amendment Agreement with Murphy Road Recycling authorized at the March 27, 2023 meeting of the Authority Board of Directors is hereby ratified and the President is authorized to amend and enter into such Omnibus Amendment Agreement to reflect the bond requirement shown on Exhibit A hereto.

EXHIBIT A

ADDITION TO OMNIBUS AMENDMENT AGREEMENT

(Changes to Existing Section Redlined)

Effective July 1, 2023, Section 17.5 of the Recycling Transfer Agreement is hereby deleted in its entirety and the following substituted therefor:

Within twenty (20) days of the Commencement Effective Date, Contractor shall furnish MIRA with a Performance Bond or a Letter of Credit as security for faithful performance of the Services in the form attached hereto as Exhibit 4 and in the amount of ONE MILLION HUNDRED THOUSAND (~~\$1,000,000.00~~100,000.00) DOLLARS to guarantee Contractor's performance of the Services (the "Bond"). MIRA reserves the right to proportionately increase the amount of the Bond upon ninety (90) days written notice to Contractor to reflect any substantial change in the scope of services contemplated by the Agreement as amended by the Omnibus Amendment Agreement ("Amendment") determined by MIRA on a commercially reasonable basis to reflect year over year increases in the volume of Acceptable Recyclables delivered to and accepted by Contractor and Contractor's use of MIRA facilities and equipment in the provision of such Services. The Bond shall be issued and executed by a surety acceptable to MIRA and authorized to transact business in Connecticut. The surety must also be listed by the United States Treasury Department in its latest list as a qualified surety acceptable to the United States Government. The amount of the Bond may exceed the limit for which the United States Treasury Department has qualified the surety only if the excess is reinsured with surety companies that are qualified on the United States Treasury Department list for an amount equal to the amount of the reinsurance. Written evidence of how any excess suretyship has been placed by the surety signing the Bond must accompany the Bond.

Contractor shall maintain the Bond in full force and effect during the Term of ~~this the~~ Agreement as amended by the Amendment. The Bond shall be automatically renewed by Contractor on an annual basis, unless not later than ninety (90) days prior to the then current expiration dates of the Bond, Contractor notifies MIRA by certified mail that the surety of the Bond elects not to renew such Bond. Failure to maintain or renew the Bond under the aforesaid terms shall constitute an Event of Default by Contractor under ~~this the~~ Agreement as amended by the Amendment. If the surety on the Bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in the State of Connecticut or it ceases to meet the above requirements or the surety elects not to renew the Bond due to no fault of Contractor, Contractor shall immediately substitute another bond (or another letter of credit) and surety, subject to the requirements set forth in this Section 17.~~105~~.

In the event Contractor fails to perform any of its obligations under ~~this the~~ Agreement as amended by the Amendment, Contractor withdraws from ~~this the~~ Agreement as amended by the Amendment, or a Contractor Event of Default occurs and the contract is terminated, MIRA shall have the right, in addition to all other rights and remedies available to MIRA hereunder or otherwise, to exercise any or all of MIRA's rights and remedies under the Bond.

## **PROCEDURAL REQUIREMENTS (MRR OMNIBUS AMENDMENT)**

Author: Mark Daley, President & CFO

### Committee Requirements:

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

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

### Board Requirements:

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

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

# ***Tab 10***



## **RESOLUTION APPROVING MARKET DRIVEN SALE OF SURPLUS JET FUEL**

**RESOLVED:** that the Materials Innovation and Recycling Authority Board of Directors approves the market driven sale of surplus jet fuel in accordance with Sections 5.11 and 5.12 of the Authority's Procurement Policies and Procedures and the President is authorized to select the competitively solicited Jet Fuel purchase offer from East River Energy, Inc.; and

**FURTHER RESOLVED:** that the funds from the sale of surplus Jet fuel be placed in the Authority's Property Division General Fund pursuant to applicable provisions of the Fiscal Year 2024 budget adoption resolutions; substantially as presented and discussed at this meeting.

# **Materials Innovation & Recycling Authority**

## **Summary for: MARKET DRIVEN SALE OF SURPLUS JET FUEL**

Presented to the MIRA Board on:	June 14, 2023
Vendor/ Contractor(s):	East River Energy, Inc. ("East River")
Effective date:	Approximately July-August 2023
Contract Type/Subject matter:	Market Driven Purchase: All Remaining Fuel (approximately 165,000 gallons)
Facility Affected:	Jet Turbine Facility (Property Division)
Term:	From the Effective Date through September 30, 2023.
Contract Dollar Value:	Approximately \$140,000
Amendment(s):	None
Term Extensions:	Not applicable
Scope of Services:	Purchase and Removal of approximately 165,000 Gallons of Jet Fuel.
Other Pertinent Provisions:	None

# **Materials Innovation & Recycling Authority**

## **Market Driven Sale Surplus Jet Fuel**

### **Executive Summary**

MIRA has operated its Jet Turbine Facility in the ISONE Market since the early 2000's. In order to meet its market obligations, MIRA was required to maintain an adequate amount of Jet Fuel for the Jets to reliably operate in the market. As of June 1, 2023, the Jets market obligation and ability to operate expired. Therefore, i) in order to receive the highest value for the Jet Fuel that remains as of June 1, 2023, and ii) secure removal of the fuel at the earliest time recognizing the pending expiration of the NAES operating contract for the Jets, and iii) mitigate the risk associated with a large quantity of combustible material on the South Meadows property, and iv) avoiding degrading the quality and marketability of such fuel which occurs if left unused in a storage tank over time, MIRA conducted a solicitation for the sale of any fuel that remained as of June 1, 2023.

This Surplus Jet Fuel Solicitation and Sale was conducted in accordance with Section 5.11 (Market Driven Purchases and Sales) and 5.12 (Disposition of Personal Property) of MIRA's Procurement Policies and Procedures. This is to report to the Board of Directors this market driven sale of Jet Fuel, and to receive Board approval for the transaction since the total amount of revenue exceeds \$50,000.

### **Discussion**

Throughout the ISO winter period October 1, 2022 through May 31, 2023, MIRA maintained enough Jet Fuel to operate its Jet Turbine Facility Peaking Units for a minimum of 8 hours, if all four twin packs were to run at the same time. MIRA's ISONE obligation, and its ability to operate the Jets under its Air Permit expired d June 1, 2023. Therefore, the Jet Fuel remaining as of June 1, 2023 is not necessary and can be sold.

During the summer of 2022, MIRA staff reached out several Jet fuel supply vendors to gage the value of any surplus fuel remaining in its fuel tank after May 31, 2023. At that time, vendors indicated there would likely be little to no value for any surplus Jet fuel.

Based on that information, staff then worked with its ISO New England Lead Market Participant, Nextera, and its operator, NAES, to develop a procedure to voluntarily run its Jets units and make electricity, to reclaim some value of the Jet fuel that might remain in the storage tank near the end of its market obligation and after the likelihood of ISO dispatch was low.

While prepared to initiate voluntary runs of the Jets in late May, 2023, staff again reached out to several vendors to ask if the remaining fuel might have resale value. Based on those conversations and indications from one vendor that it would be willing to pay MIRA for any surplus fuel, MIRA staff issued an RFP in accordance with its procedures for market driven purchases and sales. The RFP included all fuel specifications and recent testing analyses, and DAS contract provisions assumed by the purchaser which respondents were required to accept as part of committing to purchase the fuel at the prices quoted. The RFP was provided directly to known fuel distributors and published on the Department of Administrative Services web site. The RFP resulted in two proposals for the purchase of remaining fuel after May 31, 2023. The prices proposed were both higher in value than the value MIRA was otherwise likely to receive by burning the fuel to make electricity in the ISO market.

Therefore, staff determined it would not initiate voluntary runs of the Jets and instead sell the fuel to the vendor that best complied with the provisions of the RFP.

MIRA received two responses:

- An offer from Sack Energy, Corporation (“Sack”) to purchase fuel at a price of \$0.85/gallon.
- An offer from East River to purchase all of the fuel at a price of \$0.50/gallon.

Subsequent conversations seeking clarification on each proposal resulted in MIRA staff learning the following information:

- 1) Sack is not a “Contractor” under DAS contract 15PSX0035 referenced in the RFP.
- 2) East River is a “Contractor” under DAS contract 15PSX0035 referenced in the RFP.
- 3) Sack disclosed after proposals were received that its proposal ***did not*** include purchase of the 30,000 to 40,000 gallons of tank “bottoms”, and therefore was not compliant with the RFP requirement that the Contractor shall “remove ***all*** fuel...”
- 4) East River confirmed its proposal ***did*** include purchase of the 30,000 to 40,000 gallons of tank “bottoms”
- 5) Sack subsequently provided pricing for the tank bottoms, and stated it would cost MIRA “around” \$0.20/gallon resulting in a net price paid by Sack of “around” \$0.65/gallon for bottoms and suggested the other vendor take the bottoms. Assuming 30,000 gallons of “bottoms” and Sack’s price to MIRA for the “bottoms” results in a total amount proposed to be paid by Sack of \$134,250 for 165,000 gallons of fuel.
- 6) East River subsequently confirmed it did not want only the tank bottoms, but all of the fuel in the tank, and increased its proposal price to \$0.85 for all fuel including the bottoms. This resulted in a total amount proposed to be paid by East River of \$140,250 for 165,000 gallons of fuel. This is \$6,000 more revenue for MIRA than Sack proposed.
- 7) Sack proposed payment terms that would pay MIRA 75% of value of estimated volume of fuel up front and the balance after fuel removal was complete.
- 8) East River proposed payment terms that would pay MIRA 100% of value of estimated volume of fuel up front and a true-up after the fuel removal was complete.

Therefore, based on all of the issues discussed above, which demonstrate East River is most compliant with the requirements of the RFP, and, provides the best value to MIRA, staff recommends the Board of Directors approve the sale of all fuel from MIRA’s Jet fuel tank to East River Energy, Inc.

### **Financial Summary**

East River will pay MIRA \$0.85/gallon for the Jet fuel it purchases.

## **PROCEDURAL REQUIREMENTS (MARKET DRIVEN SALE OF SURPLUS JET FUEL)**

Author: Dave Bodendorf, Manager of Engineering, Construction and Power Assets

### Committee Requirements:

- Assigned MIRA Finance & South Meadows Transition Committees\*
- Quorum – 50% of the Directors on the Committee (4 Director Committee – 2 Director quorum)
- Item carries with majority of Directors present

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

\*Tabled for discussion at Finance Committee, discussed with South Meadows Committee

### Board Requirements:

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

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

# ***Tab 11***

# Remediation Of South Meadows

Residential Development  
Considerations, Post-Closure Care  
Obligations, and Area 3-3  
Remediation Update

May 2023



# Overview

- South Meadows Station property has been remediated to meet Industrial/Commercial standards established by CT-DEEP regulations
- Redevelopment of property for Industrial/Commercial uses within existing building footprints
  - could proceed without significant, additional soil or groundwater remediation
  - Note: Closure Plan must be completed to remove waste residues from buildings if buildings to be renovated
- What additional measures would be required to develop Residential uses of the property?





# Development Considerations - RSRs

## Connecticut's Remediation Standard Regulations (RSRs)

- RCSA Sections 22a-133k-1 to 22a-133k-3, including Appendices A through I, inclusive (eff. 1/30/1996; amended 6/27/2013 & 2/16/2021)
- Specifies standards for environmental clean-up of Soil and Groundwater
  - Definitions, including the following:
    - “Residential” and “Commercial/Industrial” activities
    - “Inaccessible” and “Environmentally Isolated” soils
  - Numeric clean-up criteria
  - Equations and variables for calculating alternative numeric criteria
  - Conditions for use of engineered controls
  - Conditions for use of institutional controls (i.e., Environmental Land Use Restrictions)



## Development Considerations – RSR Definitions

- “Residential activity” means any activity occurring at:
  - A place intended for people to live, including, but not limited to, a residence, dwelling, house, apartment, condominium, nursing home, or dormitory;
  - A pre-school, primary school, secondary school, day care center, playground, or outdoor recreational area; or
  - A hospital, solely for the purposes of compliance with volatilization criteria.
- “Industrial/commercial activity” means any activity related to the commercial production, distribution, manufacture or sale of goods, services, or any other activity which is not a residential activity.



# Development Considerations – RSR Criteria

## Soil Criteria – Direct Exposure, and Pollutant Mobility Criteria

- Direct Exposure Criteria (DEC) – Apply to the top 15' of soil; based on property use and assumed long-term ingestion of polluted soil
  - Residential, or Industrial/Commercial
  - DEC numeric criteria in RSRs for many pollutants  
Example, Lead: Residential = 400 mg/kg; Industrial/Commercial = 1,000 mg/kg
  - In absence of numeric criteria, RSR equations establish ingestion scenarios with multiple variables, including exposure frequency (days/year), exposure duration (years) and ingestion rate of polluted soil (mg/day). For example:
    - Residential – 365 days/year for 30 years (6 as child, 24 as adult), ingesting 200 mg/day as child and 100 mg/day as adult
    - Industrial/Commercial – 250 days/year, 25 years as adult, ingesting 50 mg/day



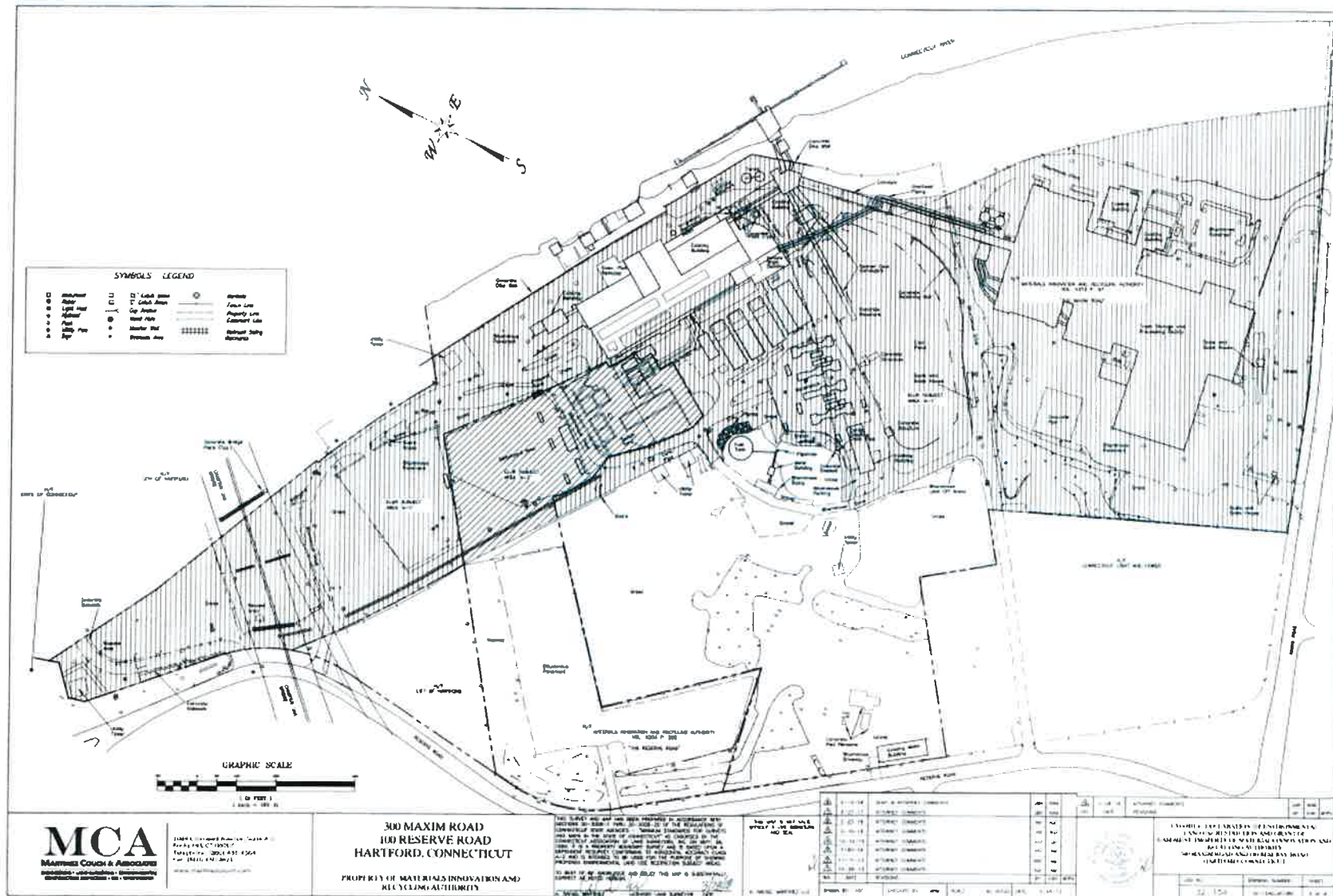
## Development Considerations – RSR Criteria

Some site-specific information regarding applicable criteria

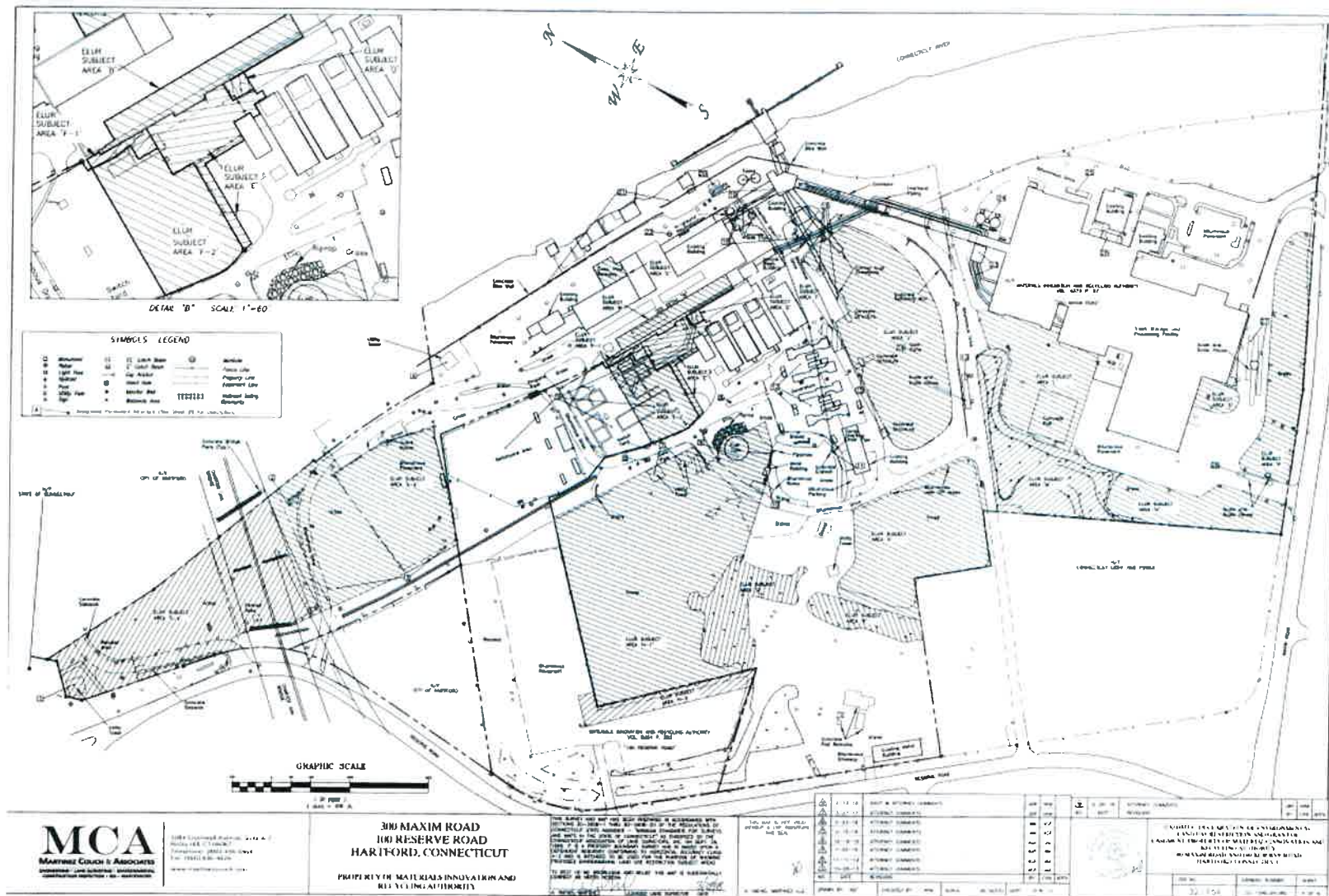
- Direct Exposure Criteria (DEC) - PCB concentrations in surficial soils necessitate Industrial/Commercial restriction
  - Surficial soils are soils within top 4' in unpaved areas; top 2' in paved areas; or above an engineered control
  - PCB concentrations in surficial soils in capped/fenced/low occupancy areas are greater than Residential DEC but less than Industrial/Commercial DEC
  - Combination of surficial soils meeting Industrial/Commercial DEC with “do not disturb” Environmental Land Use Restriction (ELUR) renders remaining soil pollution to 15' below grade “inaccessible”
  - Note: Combination of surficial soils meeting applicable DEC with ELURs can be used on Residential or Industrial/Commercial properties
  - “Do not disturb” ELUR does not prevent future development; it requires DEEP pre-approval (and USEPA pre-approval in the case of PCBs) before disturbing soil



# "Do Not Disturb" – Arsenic Impacted



# "Do Not Disturb" – Engineered Controls



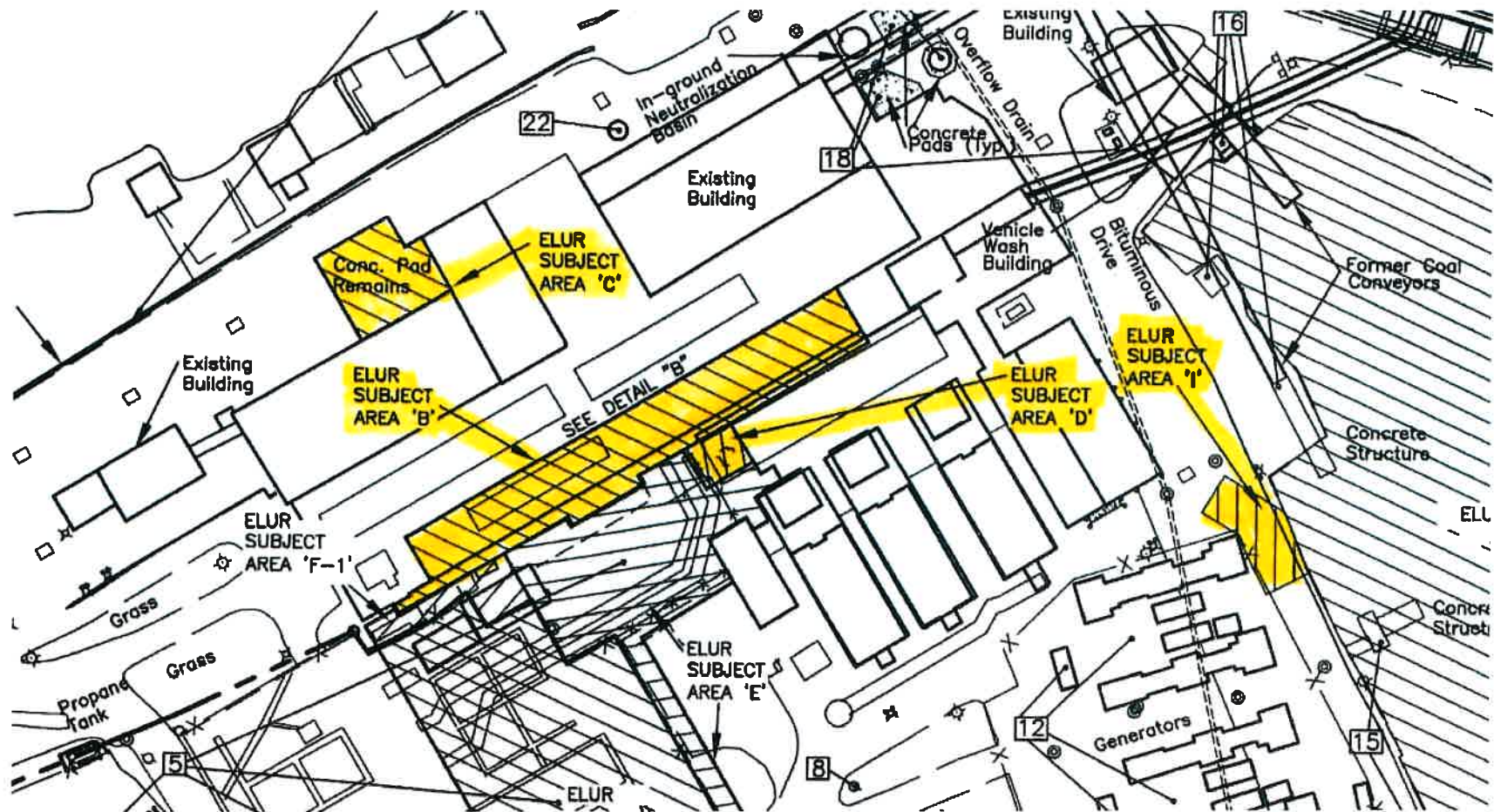




## Development Considerations – RSR Criteria

- Pollutant Mobility Criteria (PMC) – Soil Criteria Based on Groundwater Classification (GA or GB) of Site
- South Meadows Station Site is GB, PMC apply to soil located above the seasonal high water table
  - On-site soil with contaminants greater than GB PMC is rendered “environmentally isolated” by either permanent structures or engineered controls
  - Combination of permanent structures/engineered controls with “do-not-demolish” ELUR ensures that isolation controls remain
  - Subject Areas B (PCBs beneath PBF), C (Mercury beneath engineered control), D (PCBs beneath engineered control), and I (petroleum hydrocarbons beneath engineered control)
  - “Do not demolish” ELUR does not prevent future development; it requires DEEP pre-approval (and USEPA approval for PCBs) before demolishing building or engineered control, and will require additional remediation after demolition of soils that are currently isolated

# “Environmentally-Isolated” Soils







# Development Considerations – RSR Criteria

- Groundwater Criteria – Four criteria under the RSRs:
  - Surface Water Protection Criteria (SWPC) – Protection of surface water receiving groundwater discharge (GA and GB areas)
  - Volatilization Criteria (VC) – Protection of indoor air space at Residential and Industrial/Commercial properties (GA and GB areas)
  - Background Criteria – Comparison of downgradient concentrations to upgradient concentrations in groundwater (GA and GB areas)
    - Background comparison not required for South Meadows because site complies with SWPC and VC
  - Groundwater Protection Criteria (GWPC) – Drinking water protection (GA areas, and GB areas if groundwater is withdrawn)
    - Not applicable to South Meadows (GB area, no withdrawals)



# Development Considerations – RSR Criteria

- Groundwater Criteria – Site-specific application
  - Surface Water Protection Criteria (SWPC)
    - Apply to contaminant concentrations in groundwater discharging to surface water (Connecticut River)
    - All contaminant concentrations in compliance with SWPC
    - Question to consider for redevelopment: Will there be any changes to stormwater and/or groundwater flow and re-charge patterns that could mobilize contamination that is currently not mobile?
  - Volatilization Criteria (VC)
    - Apply to concentrations of volatile organics (VOCs) in groundwater
    - To ensure groundwater flowing beneath buildings does not off-gas VOCs and create a hazardous indoor air space to building occupants
    - All VOCs present in groundwater at the site comply with their applicable Industrial/Commercial VC
    - Question to consider for redevelopment: Will Residential use result in a new indoor air space that could be negatively impacted by volatilization of VOCs from groundwater?



# Post-Closure Care Obligations

- Operation, maintenance, inspection, monitoring, repairs, reporting required for duration of Engineered Control use
  - Examples of potential concerns – soil erosion caused by stormwater flow, cracking of pavement that could allow water infiltration, unauthorized excavation activities
- RSRs require Financial Assurance for post-closure care for Engineered Controls
  - Directly available to CT-DEEP commissioner in the event CT-DEEP has to take over post-closure care
  - Amount equal to 20% of 30 years' cost

# Post-Closure Care Obligations

- Three (3) Trusts have been established for South Meadows Engineered Controls
  - For 2 trusts, TRC is Grantor and CT-DEEP is Grantee
  - For 1 trust, CRRA/MIRA is Grantor and USEPA is Grantee

Financial Assurance Trusts  
Post-Closure Monitoring and Maintenance  
South Meadows Station - Reserve Road

Subject Area(s)	Agency	Grantor	Trustee	Financial Assurance Amount
Waste Processing Facility (WPF) - Subject Areas N, O, P	CT DEEP	TRC	Synergy Bank - Transferred to Wells Fargo	\$17,950
Power Block Facility (PBF-3) - Subject Area D	US EPA	CRRA/MIRA	New York Comm. Bank - Transferred to Wells Fargo	\$98,490
Multiple	CT DEEP	TRC	Citizens Bank - RBS	\$163,696
Former Mercury Boiler Room - Subject Area C				\$43,272
Fuel Line - Subject Area I				\$28,305
WPF Storm Water Detention Basin - Subject Area M				\$48,484
Area 3-1 - Subject Area Ga				\$43,635



# Area 3-3 Current Remediation Update



# ***Tab 12***

# South Meadows

## Electricity Consumption Mitigation & Jet Turbine Facility Shutdown

May 2023



# Electricity Consumption Mitigation

- Tasks Completed Since Cessation of Waste Operations
  - Energize Only Required Transformers/Circuits
  - Request More Economical Rate Class From Eversource
  - Confirm Eversource Meter Accuracy
  - Investigate Service Modifications to Reduce Consumption (ongoing)

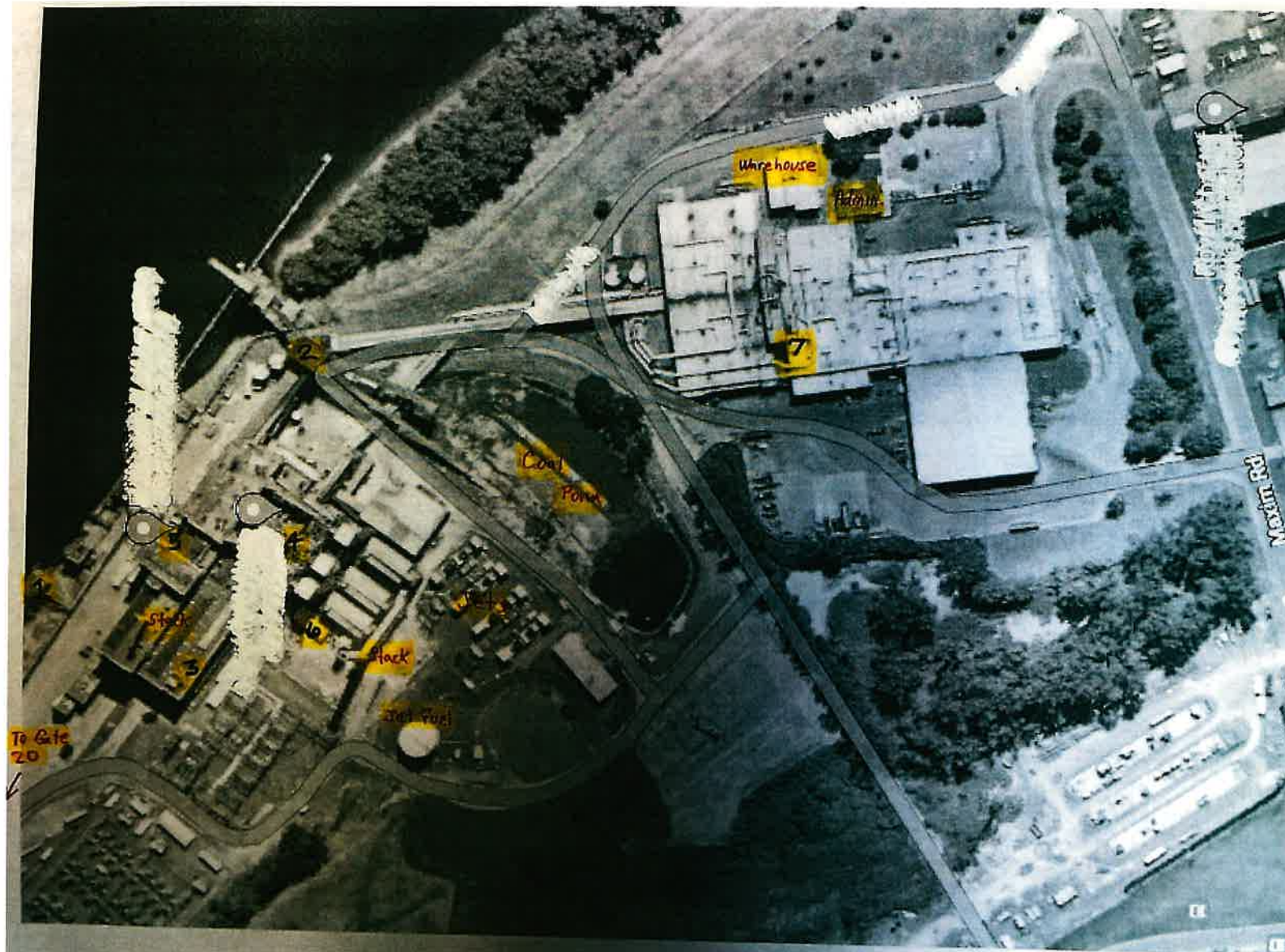




# Electricity Consumption Mitigation

- Tasks Completed Since Cessation of Waste Operations
  - Energize Only Required Transformers/Circuits
    - PBF Control Room Power and Fire Suppression
    - Some Sump Pumps and Wastewater Discharge Pumps
    - Lights on Two Stacks (FAA Requirement)
    - Security Lighting and Security Gates
    - MIRA Admin Office and Warehouse Power and Fire Suppression (WPF Side)

# Required Circuit Locations





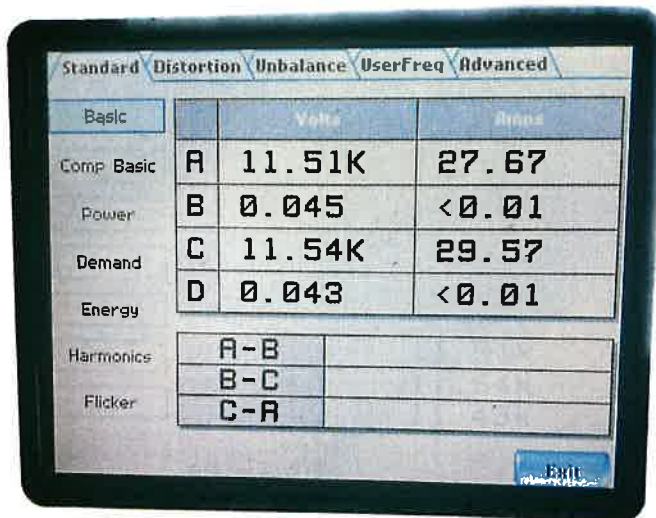
# Electricity Consumption Mitigation

- Tasks Completed Since Cessation of Waste Operations
  - Request More Economical Rate Class From Eversource
    - Current Rate Class 57 – Over 1 Megawatt Demand
    - Eversource Indicated New Rate Class Available Only:
      - After One Year Measured Use and Demand, or
      - After Installation of New Service
  - Review of Published Rates Indicate a Smaller Service Rate Not Necessarily Less Expensive
    - January-June 2023 Supply Rate 37 Less Than 0.35MW \$0.25 Peak
    - April-June 2023 Supply Rate 57 0.35MW to 1.0MW \$0.11 Peak
  - Will Continue to Engage Eversource Rep for Most Economical Rate



# Electricity Consumption Mitigation

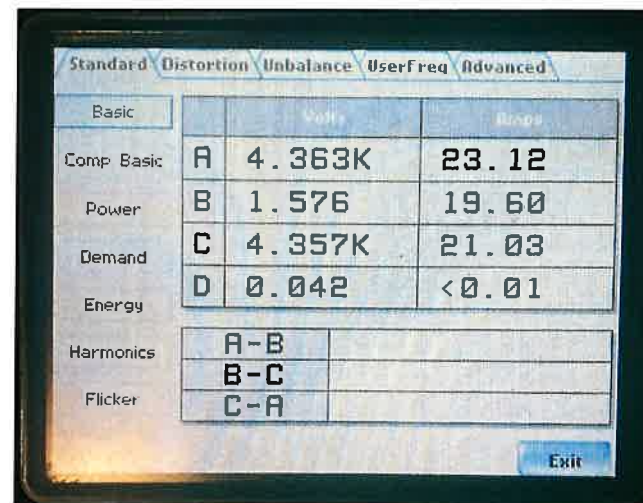
- Tasks Completed Since Cessation of Waste Operations
  - Confirm Eversource Meter Accuracy
    - Southern New England Electrical Testing (SNEET) Hired
      - Confirmed Load With Portable Meter
      - Measured Main Service and Substation Loads
      - Report Due End of April, 2023



The screenshot shows a digital meter interface with a menu at the top: Standard, Distortion, Unbalance, UserFreq, and Advanced. The 'Basic' menu is selected. The display shows the following data:

		Volts	Amperes
Comp Basic	A	11.51K	27.67
	B	0.045	<0.01
	C	11.54K	29.57
	D	0.043	<0.01
Power			
Demand			
Energy			
Harmonics	A-B		
	B-C		
Flicker	C-A		

An 'Exit' button is visible at the bottom right of the screen.



The screenshot shows a digital meter interface with a menu at the top: Standard, Distortion, Unbalance, UserFreq, and Advanced. The 'Basic' menu is selected. The display shows the following data:

		Volts	Amperes
Comp Basic	A	4.363K	23.12
	B	1.576	19.60
	C	4.357K	21.03
	D	0.042	<0.01
Power			
Demand			
Energy			
Harmonics	A-B		
	B-C		
Flicker	C-A		

An 'Exit' button is visible at the bottom right of the screen.



# Electricity Consumption Mitigation

- Tasks Completed Since Cessation of Waste Operations
  - Investigate Service Mods to Reduce Consumption
    - Existing Transformers Are Oversized for Current Need
      - 11.5KV to 4160KV, 4160KV to 480V
      - Result is Inefficient
      - How Inefficient?
    - Several Meetings/Discussions with Eversource
      - Account Rep, Engineering, New Service Personnel
      - New Service Options
        - 480V Service(s)
        - Over 54 Week Lead Time for Equipment
      - Unable to Estimate Expected Savings of New Service
      - Confirmed Involvement Not Needed if Modifying Circuits Downstream of Existing Service Metering



# Electricity Consumption Mitigation

- Tasks Completed Since Cessation of Waste Operations
  - Investigate Service Mods to Reduce Consumption
    - Meetings With MIRA Consultants
      - Met With Two Consultants Week of 4/17/23
      - Both Indicated On-Site Modifications Likely Feasible
      - Both Will Be Provided SNEET Report
      - Both Will Be Asked to Provide Price For Engineering Support
        - Engineering Scope:
          - 1) Confirm Mods Feasible
          - 2) Estimate Cost of Mods
          - 3) Estimate Expected Energy Savings
          - 4) If Acceptable ROI, Proceed with Design Plans/Specs and Bid for Work



# Jet Facility Shutdown

- Remaining ISO New England Obligation
- Value of Residual Fuel
- NextEra Contract Wind Down
- NAES Contract Wind Down
- Sale/Scrap At End of ISO Obligation



# Jet Facility Shutdown

- Remaining ISO New England Obligation
  - Jets Retirement Delist in ISONE Market After Capacity Commitment Period 13 (May 31, 2023)
  - Jets Obligated to Provide Capacity and Reserves Through May 31, 2023
  - Jets *Cannot* Operate After May 31, 2023 (Permit)
  - Fuel Inventory Necessary to Meet Obligation
  - ISO Dispatch Unlikely
  - Failure to Dispatch Carries Large Monetary Penalties
    - Burn-off of Fuel Inventory Prior to May 31, 2023 Increases Risk





# Jet Facility Shutdown

- Value of Residual Fuel
  - Current Fuel Inventory Volume
    - 165,000 Gallons Total
    - 126,000 Gallons Burnable (without piping mods)
    - 39,000 Gallons Residual (without piping mods)
    - 151,000 Gallons Burnable (with piping mods \$7k for 25k gallons)
    - 14,000 Gallons Residual (with piping mods)
  - Electricity Value Varies Based on Market Pricing
    - \$40/MWH ~ \$0.35/gallon
    - \$80/MWH ~ \$0.70/gallon
  - Fuel Value Sold Back to Market
    - Limited Buyers and Pricing
    - MIRA Reached Out to Two Suppliers on DAS Contract
      - One Did Not Respond
      - One Provided Pricing to Purchase Residual Fuel



# Jet Facility Shutdown

- Nextera Contract Wind Down
  - Existing Contract to Act as MIRA Lead Market Participant for Jets and Power Block Units
    - Submission of Daily Bids, Routine Capacity and Reserve Auctions
  - Existing Contract Expires 6/30/2023
  - Power Block Units Delist at End of Capacity Commitment Period 14 (May 31, 2024)
    - MIRA Requires Lead Market Participant Through 5/31/2024
    - Nextera Has Offered Discounted Rate to Extend Contract
    - Anticipate Seeking Board Approval at June Meeting For Extension



# Jet Facility Shutdown

- NAES Contract Wind Down
  - Vendor Review
  - Surplus Equipment Review
  - Proper Vacating of Site
  - Separation of NAES Employees
  - Final True Up of Operating and Maintenance Account



# Jet Facility Shutdown

- Sale/Scrap At End of ISO Obligation
  - Jet Components/Inventory High Value When Purchased
  - Aging Units With Unknown Current Market Value
  - Request for Information & Expression of Interest
    - Let Market Determine Value
    - Possible Demonstration of Operation if Requested

# ***Tab 13***

# South Meadows

## Closure Plan Update

June 2023



# Closure Plan Update

## Regulatory/Permit Requirements

- Solid Waste Regulations

**Sec. 22a-209-13. Closing of solid waste facilities**

(b) The Commissioner may require any action or the submission of any information which he deems necessary to insure the proper closing of any facility so as to preserve and protect the natural resources and environment of the State of Connecticut.

- Wastewater Discharge Regulations

**Sec. 22a-430-4(p). Permit revocation, denial or modification.**

(1) The commissioner may revoke or modify a permit on his or her own initiative or on request of the permittee... A permittee requesting revocation of a permit shall state the requested date of revocation and shall, prior to revocation, provide the commissioner with satisfactory evidence that the discharge has been permanently eliminated.





# Closure Plan Update

- Budget and Reserve Status
  - Establishment of \$3.3 Million Reserve Authorized at February 23, 2022 Board of Directors Meeting
  - No Funds to be Expended Until Board Approves a Decommissioning Plan
  - Interest Earnings Remain Within the Reserve
  - Use of the Decommission Reserve Approved for \$40,000 for Consultant Response to DEEP Comments on Closure Plan at November 9, 2022 Board of Directors Meeting
  - \$17,735 Has Been Expended to Date to Respond to DEEP Comments
  - Decommission Reserve Balance as of April 30, 2023 is \$3,389,299





# Closure Plan Update

- Budget and Reserve Status
  - Original Budget Reflecting Consultant Recommendations and Internal Estimates Included with FY 2023 Property Division Budget
  - Cost Estimate Updated with Submission of Closure Plan in May 2022
    - Equipment, Labor and T&D Estimates of \$3,286,705
    - Scrap Value Estimate of (\$100,000)
    - Large 20% Contingency of \$627,341
    - Contingency Approximately 1/3 Funded in Existing Reserve Balance
  - Final Estimate to be Developed Upon DEEP Approval of Closure Plan Reflecting MIRA Response to DEEP Comments



# Closure Plan Update

## Major Elements of Work (May 2022 Closure Plan Submittal)

- Properly Dispose of “Commercial Chemical Products,” Oils, Other Waste Materials and Residues
- Drain and Seal Tanks and Vessels
- Clean Equipment and Building Surfaces to Visually Remove Residues
- Inspect and Clean Accessible Portions of Stormwater Drainage Systems
  - Catch Basins, Drainage Areas
- Seal Floor Drains Within Facility Buildings
- Remove Ash Sediments from “Coal Pond,” Grade and Cover Coal with Clean Soil, Retrofit as a Flow-Through Stormwater Detention Basin
- Dismantle/Clean/Scrap the MCAPS Duct Work
- Seal Cooling Water Intake and Discharge Conduits
- Remove and Dispose of Unneeded Lamps, Batteries and Smoke Detectors (Universal Wastes)



# Closure Plan Update

CTDEEP Comments 10/14/2022 & *MIRA Response 1/5/2023*

- Submit Copy of Closure Plan to Environmental Justice Program and Post on MIRA Website – *MIRA Completed on 11/9/2022*
- Submit Copy of Closure Plan to Natural Diversity Data Base for Review of Work and Potential Impacts on Endangered/Threatened/Special Concern Species – *MIRA Completed on 1/9/2023*
- Hazardous Waste Regulations and CT-DEEP Guidance Must Be Followed for <90 Day Hazardous Waste Storage Area – *MIRA Agrees*
- Inspect and Clean Non-Accessible Storm Drain and Floor Drain Systems, Including Piping – *MIRA Agrees*
- Coal Must Be Removed from the Site (DEEP Considers Leaving the Coal in Place to Be Solid Waste Disposal) – *MIRA Agrees*
- DEEP Comment – Cooling Water Intake Structures and Discharge Outfalls Subject to Review and Comment by US Army Corps of Engineers, Greater Hartford Flood Commission, City of Hartford DPW Engineering Division, and CT-DEEP Dam Safety Program – *MIRA Met with These Parties on 1/11/2023*
- DEEP Comment – Closure Activities Shall be Overseen by a Licensed P.E. or L.E.P. That Is Independent of MIRA – *MIRA Agrees*



# Closure Plan Update

CTDEEP Comments 10/14/2022 & MIRA Response 1/5/2023 (Continued)

- DEEP Comment – Provide Details of Verification (i.e., Confirmation Sampling) of the Completion of Cleaning Activities on All Building Surfaces – *MIRA Responses Included the Following:*
  - *No Regulations or Adopted Standards Exist for Confirmatory Sampling of Surfaces with MSW Dust and Debris*
  - *MIRA Maintains that Visual Standard for All Surfaces is Appropriate (Free of Deposits and Substrate Is Visible)*
  - *Ash Load-Out Building Will Be Demolished (Visual Standard Would Be Difficult To Meet)*
- DEEP Comment – Include Removal of Asbestos, Lead-Based Paint and PCB-Containing Building Materials from the Former NU Admin Building in the Closure Plan – *MIRA Responses Included the Following:*
  - *PCBs Will Be Removed and Properly Disposed Off-Site*
  - *Asbestos and Lead-Based Paint Are Not Damaged, Not Proposed for Renovation, and Not Proposed for Demolition So There Is No Regulatory Requirement to Remove*
  - *Additional Sampling for Asbestos, Lead-Based Paint and PCBs Not Proposed Because No Renovation/Demolition Proposed*



# Closure Plan Update

- Schedule

Activity	Estimated Duration	Estimated Date or Date Range (1)
1. Cessation of WPF and PBF Operations	---	August 1, 2022
2. CT-DEEP approval of Closure Plan	---	August 1, 2022 <del>March 2023</del> August 1, 2023
3. Solicit engineering proposals to prepare closure plans/drawings and specifications necessary for the solicitation to identify a contractor to undertake closure activities	1 Month	August 2022 - <sup>(2)</sup> <del>March 2023</del> August 2023
4. Evaluate engineering proposals and award contract	1 Month	September 2022 <del>April 2023</del> September 2023
5. Preparation of closure plans/drawings and specifications	2 Months	October – November 2022 <del>May – June 2023</del> October – November 2023
6. Solicit bid(s) to identify a contractor(s) to undertake closure activities	3 Months	December 2022 – February 2023 <del>July – September 2023</del> December 2023 – February 2024
7. Evaluate bid responses, Award Closure Contract(s)	2 Months	March – April 2023 <del>September – November 2023</del> March – April 2024
8. Begin Closure	---	May 1, 2023 <del>October – November 2023</del> May 2024
9. Complete Closure	8 to 12 Months <sup>(3)</sup>	December 2023 – April 2024 <del>June – November 2024</del> December 2024 – April 2025
10. Closure Report	3 months	September – November 2024 March – July 2025



# Closure Plan Update

- Schedule Considerations
  - Engineering Firm Used for Design/Specifications Will Also Be Engineer of Record For Quality Assurance and Certification of Closure Activities
  - Additional Time May Be Required for Permitting of Work by ACOE, GHFC, CTDEEP Dam Safety, City of Hartford
  - Wallingford WTE Facility Closure Plan Submitted 11/2018, Response to CTDEEP Comments 01/2020 - CTDEEP Approval 03/2023



# Closure Plan Update

- Facility Sale/Scrap Considerations
  - Equipment Impacted by Closure Plan
    - Waste Processing and Conveyance Equipment
    - Air Handling and Air Pollution Control Systems
    - Boilers
    - Ash Handling Systems
    - Chemical Storage and Feed Systems
    - Some Electrical Equipment/Motors/Pumps
  - Evaluate Sequencing/Coordination of Closure Work With Efforts to Sell or Scrap Impacted Equipment
  - Equipment Not Impacted by Closure Plan
    - Rolling Stock
    - Hand Tools
    - Spare Parts
    - Some Electrical Equipment
    - Some Metal Structures
    - Steam Turbine Generators
    - All Equipment Associated with Jet Turbine Facility



# Closure Plan Update

- Greater Hartford Flood Commission Considerations
  - GHFC Responsible for Dike Integrity & Operation
  - MIRA Facility Operations Required Dike Penetrations & Encroachments
  - Solid Waste Closure Requirements Do Not Specifically Address Dike Penetration and Encroachment Concerns
  - GHFC Comments Submitted to CTDEEP in August 2022
  - Meeting Between MIRA, GHFC, CTDEEP Dam Safety, and ACOE 1/11/2023





# Closure Plan Update

- Greater Hartford Flood Commission Major Comments
  - Some Closure Activities Likely to Require Permits From Dike Regulators (ACOE, GHFC, CTDEEP Dam Safety)
  - GHFC Requires 24/7 Access to Dike For Operation/Maintenance
  - Requests Formal Abandonment of All Dike Penetrations
    - Six Penetrations Used by MIRA for Cooling Water Intake/Discharge (Proposed to be Sealed as Part of Closure Plan)
    - One Intake/Discharge Penetration Previously Abandoned
    - Others?
  - Requests Removal of All Inactive Infrastructure Attached to Dike
  - Requests Demolition or Proper Inspection/Maintenance of Abandoned Structures Within or Close to Dike Easement
    - 3 Screen Houses
    - Coal Barge Unloading Structure
  - Requests Existing/New Stormwater Conveyance Systems Properly Maintained to Eliminate Sediment Conveyance to City Storm Drain System
  - Requests Proper Maintenance and Regular Inspections of All Structures and Penetrations Until Properly Abandoned

# **SUPPLEMENT INFORMATION**



Materials Innovation and Recycling Authority  
Regular Board of Directors Meeting  
**Supplemental Information**  
June 14, 2023

*I. Finance*

1. Informational Reports for the period ending April 30, 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 April 30, 2023 (*Attachment B*).

**TAB A**

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

As indicated in this report, operating revenues for April totaled \$0.72 million (3.6% above budget). The deficit in member town deliveries was more than offset by surplus other energy market revenues, interest income and spot. Year to date revenues are \$2.27 million (20.4%) under budget due to the early shut down of the Waste to Energy Facility. Accrued expenditures for April totaled \$1.40 million (11.7% above budget) primarily due to the deficit in MIRA facility operating and contract operating expenses. Year to date total accrued expenditures are 11.4% under budget. Year to date the CSWS has incurred an operating loss of \$6.45 million which is \$0.31 million (5.0%) above budget. The Authority's Transition Contingency Reserve 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, sold at market and previously recognized in March. These were the final RECs. The \$128,567 in other energy market revenue in April is net capacity payments from ISO NE reconfiguration auctions to satisfy remaining capacity supply obligations. Year to date other energy market revenue is 35.6% 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.

April deliveries totaled 4,885 tons which is 1,240 tons (20.2%) 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 did not occur. The Authority has met with DEEP concerning its request for flow control enforcement assistance and has followed up with additional information as DEEP requested. Alternative enforcement measures are being pursued. In April, 901 tons of spot were delivered direct to Covanta on MIRA's account to mitigate a potential delivery shortfall.

**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 \$146,659 for participating town deliveries which is 1.1% below budget for April due to improved commodity pricing that relieved upward pressure on the Authority's Base Operating Charge for April. Operating expenses include transportation from the CSWS transfer stations as detailed on the Recycling Transportation Report, Recycling Facility contract operating charges as detailed on the Recycling Contract Operating Report, Authority direct O&M expenses and Recycling Facility residue charges. Operating expenses are 15.0% above budget year to date.



BOARD OF DIRECTORS FINANCIAL REPORT  
PERIOD ENDING ..... **April 30, 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 April, 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 April. 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 33.9% above budget in April due to surplus reserve, interest and billboard revenue. Operating expenses were 75.7% under budget due to savings in operational contingency budgeted for the period February to June. Total operating income is 80.5% above budget year to date.

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

Property Division cash receipts for April were sufficient to distribute \$629,076 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 \$679,053 from the Tip Fee Stabilization Fund. After the distribution of March receipts, \$60,770,021 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 \$449,606 through April 30, 2023 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.

**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. \$19,154 has been expended year to date for this purpose.



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

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CSWS Monthly Financial Report

Period Ending: **April 30, 2023**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<b>REVENUES</b>								
<a href="#">Member Towns</a>	\$ 691,125	\$ 444,587	\$ (246,538)	-35.7%	\$ 6,911,250	\$ 4,767,716	\$ (2,143,534)	-31.0%
<a href="#">Other Contracts</a>	\$ -	\$ -	\$ -	n/a	\$ 600,000	\$ -	\$ (600,000)	n/a
<a href="#">Hauler - Direct</a>	\$ -	\$ -	\$ -	n/a	\$ 697,500	\$ -	\$ (697,500)	n/a
<a href="#">Hauler - TS</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">Spot Waste</a>	\$ -	\$ 67,550	\$ 67,550	n/a	\$ -	\$ 67,448	\$ 67,448	n/a
Bypass, Delivery & Other Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ (42,030)	\$ (42,030)	n/a
Member Service Fee	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">Metal Sales &amp; Excess Residue</a>	\$ -	\$ -	\$ -	n/a	\$ 5,708	\$ 14,849	\$ 9,141	160.1%
Bulky Waste	\$ -	\$ -	\$ -	n/a	\$ 20,500	\$ -	\$ (20,500)	n/a
<a href="#">Recycling Facility</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">Electricity Sales</a>	\$ -	\$ -	\$ -	n/a	\$ 722,260	\$ 543,628	\$ (178,632)	-24.7%
Other Energy Markets	\$ 4,430	\$ 128,567	\$ 124,137	2802%	\$ 2,121,800	\$ 2,876,532	\$ 754,732	35.6%
Misc. (Interest, Fees, Other)	\$ 4,200	\$ 84,254	\$ 80,054	1906%	\$ 42,000	\$ 622,965	\$ 580,965	1383%
<b>TOTAL ACCRUED REVENUES</b>	\$ 699,755	\$ 724,957	\$ 25,202	3.6%	\$ 11,121,018	\$ 8,851,109	\$ (2,269,910)	-20.4%
<b>EXPENDITURES</b>								
Administrative Expenses	\$ 138,411	\$ 51,477	\$ 86,934	62.8%	\$ 1,632,764	\$ 636,877	\$ 995,887	61.0%
Operational & Contingent . Exp.	\$ 130,350	\$ 73,444	\$ 56,906	43.7%	\$ 1,712,976	\$ 1,372,069	\$ 340,907	19.9%
PILOTs & Fees	\$ 128,464	\$ 128,369	\$ 95	0.1%	\$ 1,332,085	\$ 1,290,980	\$ 41,105	3.1%
Waste Transport	\$ 588,526	\$ 517,885	\$ 70,641	12.0%	\$ 6,451,641	\$ 5,100,445	\$ 1,351,196	20.9%
Recycling Facility	\$ 145,023	\$ 146,659	\$ (1,637)	-1.1%	\$ 1,450,227	\$ 1,668,237	\$ (218,010)	-15.0%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ -	\$ 211,403	\$ (211,403)	n/a	\$ 108,333	\$ 1,400,702	\$ (1,292,369)	n/a
NAES Contract Operating Charges	\$ -	\$ 136,521	\$ (136,521)	n/a	\$ 2,403,098	\$ 2,089,006	\$ 314,092	13.1%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
NAES On-Site Incentive Comp.	\$ -	\$ -	\$ -	n/a	\$ 135,323	\$ 42,961	\$ 92,362	68.3%
NAES Management Fees	\$ -	\$ 4,810	\$ (4,810)	n/a	\$ 108,333	\$ 324,060	\$ (215,727)	-199.1%
Transfer Station - Ellington	\$ 1,349	\$ 1,262	\$ 87	6.4%	\$ 13,490	\$ 11,239	\$ 2,251	16.7%
Transfer Station - Essex	\$ 65,000	\$ 65,745	\$ (745)	-1.1%	\$ 650,000	\$ 666,254	\$ (16,254)	-2.5%
Transfer Station - Torrington	\$ 55,717	\$ 57,342	\$ (1,625)	-2.9%	\$ 557,170	\$ 618,481	\$ (61,311)	-11.0%
Transfer Station - HFD Transition	\$ -	\$ 4,406	\$ (4,406)	n/a	\$ 709,200	\$ 82,356	\$ 626,844	88.4%
<b>TOTAL ACCRUED EXPENDITURES</b>	\$ 1,252,840	\$ 1,399,323	\$ (146,484)	-11.7%	\$ 17,264,640	\$ 15,303,667	\$ 1,960,973	11.4%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ (553,085)	\$ (674,366)	\$ (121,282)	21.9%	\$ (6,143,622)	\$ (6,452,559)	\$ (308,937)	5.0%
<b>DISTRIBUTION OF CSWS OPERATING INCOME</b>								
<a href="#">CSWS Improvement Fund</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">CSWS Major Maint. (Transition)</a>	\$ -	\$ -	\$ -	n/a	\$ 3,565,000	\$ 3,565,000	\$ -	0.0%
<a href="#">CSWS Risk Fund</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">CSWS Legal Reserve</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<a href="#">MIRA Severance Reserve</a>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<b>TOTAL DISTRIBUTIONS</b>	\$ -	\$ -	\$ -	n/a	\$ 3,565,000	\$ 3,565,000	\$ -	0.0%
<b>SURPLUS / (DEFICIT)</b>	\$ (553,085)	\$ (674,366)	\$ (121,282)	22%	\$ (9,708,622)	\$ (10,017,559)	\$ (308,937)	3.2%



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

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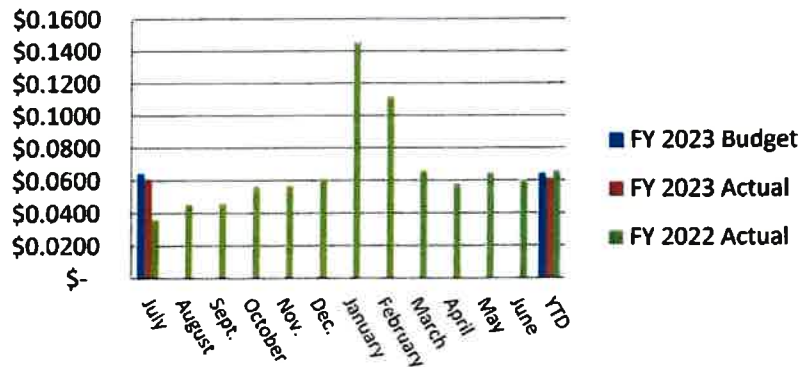
**CSWS Electricity Production**

**Period Ending:**

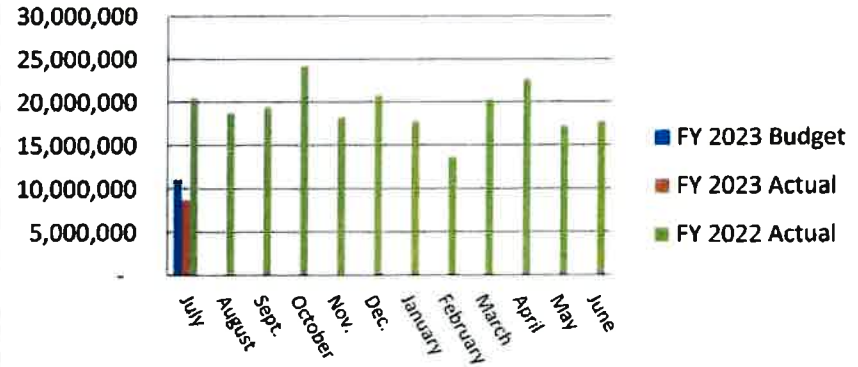
**April 30, 2023**

	Price			Production			Generation Revenue		
FY 2023 Bo	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

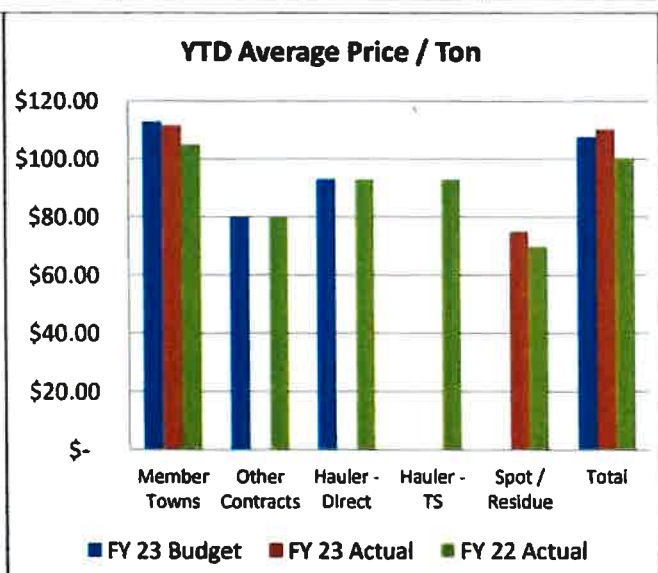
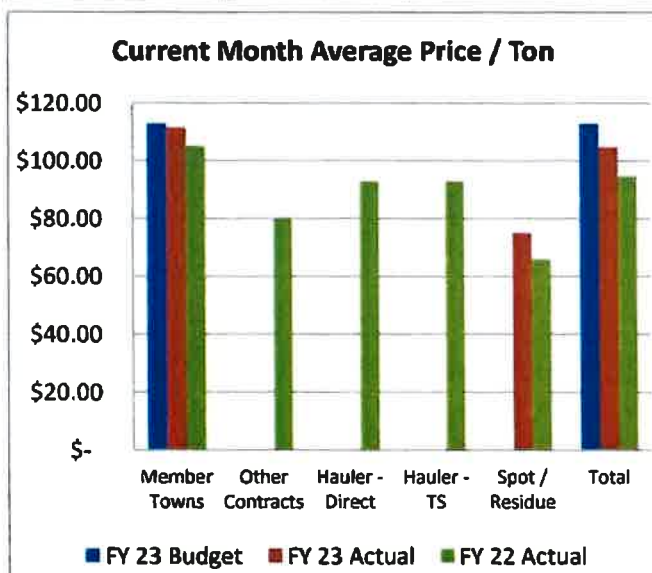
Narrative

CSWS Solid Waste Summary

Period Ending:

**April 30, 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	61,250	\$ 6,911,250	\$ 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>76,250</b>	<b>\$ 8,208,750</b>	<b>\$ 107.66</b>
FY 23 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	3,984	\$ 444,587	\$ 111.58	42,721	\$ 4,767,716	\$ 111.60
Other Contracts	-	\$ -	\$ -	232	\$ -	\$ -
Hauler - Direct	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	901	\$ 67,550	\$ 75.00	899	\$ 67,448	\$ 75.02
<b>Total</b>	<b>4,885</b>	<b>\$ 512,136</b>	<b>\$ 104.84</b>	<b>43,852</b>	<b>\$ 4,835,165</b>	<b>\$ 110.26</b>
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(2,141)	\$ (246,538)	\$ (1.26)	(18,529)	\$ (2,143,534)	\$ (1.24)
Other Contracts	-	\$ -	\$ -	(7,268)	\$ (600,000)	\$ (80.00)
Hauler - Direct	-	\$ -	\$ -	(7,500)	\$ (697,500)	\$ (93.00)
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	901	\$ 67,550	\$ 75.00	899	\$ 67,448	\$ 75.02
<b>Total</b>	<b>(1,240)</b>	<b>\$ (178,989)</b>	<b>\$ (8.00)</b>	<b>(32,398)</b>	<b>\$ (3,373,585)</b>	<b>\$ 2.60</b>
<b>Total % Var.</b>	<b>-20.2%</b>	<b>-25.9%</b>	<b>-7.1%</b>	<b>-42.5%</b>	<b>-41.1%</b>	<b>2.4%</b>



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

[Narrative](#)

Period Ending:

April 30, 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	\$ -	\$ 261,671	\$ 1,016,514	\$ 172,042	\$ -	\$ 1,450,227

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	\$ -	\$ 21,835	\$ 127,269	\$ 8,336	\$ -	\$ 157,440
March	-	-	-	-	-	\$ 117	\$ -	\$ 28,812	\$ 131,328	\$ 7,767	\$ -	\$ 167,907
April	-	-	-	-	-	\$ 117	\$ -	\$ 24,232	\$ 116,898	\$ 5,529	\$ -	\$ 146,659
May	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
June	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YTD	-	-	-	-	-	\$ 117	\$ -	\$ 308,925	\$ 1,263,941	\$ 95,371	\$ -	\$ 1,668,237

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	-	-	-	-	-	\$ -	\$ -	\$ (4,332)	\$ 25,617	\$ (8,868)	\$ -	\$ 12,418
March	-	-	-	-	-	\$ -	\$ -	\$ 2,645	\$ 29,676	\$ (9,437)	\$ -	\$ 22,884
April	-	-	-	-	-	\$ -	\$ -	\$ (1,935)	\$ 15,247	\$ (11,675)	\$ -	\$ 1,637
May	-	-	-	-	-	\$ -	\$ -					
June	-	-	-	-	-	\$ -	\$ -					
YTD	-	-	-	-	-	\$ -	\$ -					



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

[Narrative](#)

Period Ending:

April 30, 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	4,812.50	\$ 30.00	144,375	4,745.00	\$ 24.72	117,296	-	\$ -	-	\$ 261,671

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	\$ 26.54	\$ 6,449	-	\$ -	\$ -	\$ 21,835
March	576.98	\$ 34.89	\$ 20,131	329.33	\$ 26.36	\$ 8,681	-	\$ -	\$ -	\$ 28,812
April	501.60	\$ 34.65	\$ 17,380	277.17	\$ 24.72	\$ 6,852	-	\$ -	\$ -	\$ 24,232
May			\$ -			\$ -			\$ -	\$ -
June			\$ -			\$ -			\$ -	\$ -
YTD	5,395.67	\$ 38.74	209,037	3,415.09	\$ 29.02	99,099	28.09	\$ 28.04	788	\$ 308,925

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)	1.82	(5,281)	-	-	-	(4,332)
March	95.73	4.89	5,693	(145.17)	1.64	(3,049)	-	-	-	2,645
April	20.35	4.65	2,943	(197.33)	-	(4,878)	-	-	-	(1,935)
May										
June										
YTD	583.17	8.74	64,662	(1,329.91)	4.30	(18,197)	28.09	28.04	788	47,253

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

[Narrative](#)

Period Ending:

April 30, 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	2,534.17	30.90	78,306	12,092	\$ 85.00	\$ (50.00)	\$ 35.00	423,208	515,000	\$ 1,016,514

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	-	\$ -	\$ -	905.59	\$ 87.55	\$ 0.60	\$ 88.15	\$ 79,828	\$ 51,500	\$ 131,328
April	-	\$ -	\$ -	785.00	\$ 87.55	\$ (4.24)	\$ 83.31	\$ 65,398	\$ 51,500	\$ 116,898
May	-	\$ -	\$ -	-	-	-	\$ -	\$ -	-	\$ -
June	-	\$ -	\$ -	-	-	-	\$ -	\$ -	-	\$ -
YTD	104	\$ 30.00	3,117	8,976	\$ 87.55	\$ (4.47)	\$ 83.08	745,731	515,094	\$ 1,263,941

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	(253.42)	(30.90)	(7,831)	(303.58)	2.55	50.60	53.15	37,507	-	29,676
April	(253.42)	(30.90)	(7,831)	(424.17)	2.55	45.76	48.31	23,078	-	15,247
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
YTD	(2,430)	(0.90)	(75,189)	(3,116)	2.55	45.53	48.08	322,523	94	247,427



Period Ending: **April 30, 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				\$ -	\$ -				\$ -	\$ -	\$ -
YTD	29.17	\$ 38.57	\$ -	\$ 38.57	1,125	41.67	\$ 110.00	\$ -	\$ 110.00	4,583	\$ 5,708

Actual FY 2023	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	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	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
April	-	\$ 110.00	\$ -	\$ 110.00	\$ -	-	\$ 165.00	\$ -	\$ 165.00	\$ -	\$ -
May	-			\$ -	\$ -	-			\$ -	\$ -	\$ -
June	-			\$ -	\$ -	-			\$ -	\$ -	\$ -
YTD	49.77	\$ 110.00	\$ 10.55	\$ 120.55	6,000	72.48	\$ 165.00	\$ (42.91)	\$ 122.09	8,849.23	\$ 14,849

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	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
March	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
April	-	110.00	-	110.00	-	-	165.00	-	165.00	-	-
May											
June											
YTD	20.60	71.43	10.55	81.98	4,874.92	30.81	55.00	(42.91)	12.09	4,265.90	9,140.81

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

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **April 30, 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	\$ 531,265	\$ (33,008)	-5.8%	\$ 5,642,730	\$ 5,474,254	\$ (168,476)	-3.0%
VARs Payments	\$ 2,200	\$ 3,155	\$ 955	43.4%	\$ 22,000	\$ 27,092	\$ 5,092	23.1%
Reserve Credits	\$ 38,005	\$ 166,258	\$ 128,253	337%	\$ 380,050	\$ 2,998,999	\$ 2,618,949	689%
Real Time Energy	\$ 37,784	\$ -	\$ (37,784)	n/a	\$ 897,840	\$ 914,831	\$ 16,991	1.9%
Total Jets Electric	\$ 642,262	\$ 700,678	\$ 58,416	9.1%	\$ 6,942,620	\$ 9,415,177	\$ 2,472,557	35.6%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 2,497	\$ 833	50.1%	\$ 16,640	\$ 12,450	\$ (4,190)	-25.2%
Wheelabrator Lease	\$ 38,079	\$ 18,265	\$ (19,814)	-52.0%	\$ 380,790	\$ 184,919	\$ (195,871)	-51.4%
Jets Billboard	\$ -	\$ 69,103	\$ 69,103	n/a	\$ 45,000	\$ 69,103	\$ 24,103	53.6%
Total Lease Income	\$ 39,743	\$ 89,865	\$ 50,122	126.1%	\$ 442,430	\$ 266,472	\$ (175,958)	-39.8%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ -	\$ 122,933	\$ 122,933	n/a	\$ 7,500	\$ 886,204	\$ 878,704	11716%
TOTAL ACCRUED REVENUES	\$ 682,005	\$ 913,476	\$ 231,471	33.9%	\$ 7,392,550	\$ 10,567,853	\$ 3,175,303	43.0%
<b>EXPENDITURES</b>								
MIRA Non-Personnel Services	\$ 1,057	\$ -	\$ 1,057	n/a	\$ 39,170	\$ 26,125	\$ 13,045	33.3%
MIRA Allocated Costs	\$ 45,838	\$ 20,186	\$ 25,652	56.0%	\$ 528,029	\$ 238,501	\$ 289,528	54.8%
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	\$ 1,436	\$ 882	38.1%	\$ 23,180	\$ 17,220	\$ 5,960	25.7%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 93,422	\$ 145,643	\$ (52,221)	-55.9%	\$ 1,459,220	\$ 3,397,945	\$ (1,938,725)	-132.9%
Operating Contingency	\$ 539,370	\$ -	\$ 539,370	n/a	\$ 1,520,926	\$ -	\$ 1,520,926	n/a
TOTAL ACCRUED EXPENDITURES	\$ 682,005	\$ 167,265	\$ 514,740	75.5%	\$ 3,581,550	\$ 3,690,241	\$ (108,691)	-3.0%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ -	\$ 746,211	\$ 746,211	n/a	\$ 3,811,000	\$ 6,877,612	\$ 3,066,612	80.5%
<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>								
	\$ -	\$ 746,211	\$ 746,211	n/a	\$ 3,811,000	\$ 6,877,612	\$ 3,066,612	80.5%



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

Period Ending: April 30, 2023  
 Transfer Date: May 15, 2023  
 Funding: June 1, 2023

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
PD Clearing Account	\$ 1,000.00		\$ 728,141.09		\$ 728,141.09	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
PD Operating Fund	\$ 2,724,928.51	\$ 13,359.79	\$ 275,489.65		\$ 99,085.21	\$ 2,561,863.86
PD General Fund	\$ 11,769,285.63	\$ 46,413.66			\$ 629,075.88	\$ 12,444,775.17
PD Improvement Fund	\$ 260,179.85		\$ 114,498.00			\$ 145,681.85
PD Jets Major Maintenance	\$ 798,813.87					\$ 798,813.87
CSWS Decommissioning Reserve	\$ 3,375,729.80	\$ 13,568.73				\$ 3,389,298.53
South Meadows Transition Reserv				\$ 5,500,000.00		\$ 5,500,000.00
MIRA Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$	Combined Below
Total	\$ 18,928,937.66	\$ 73,342.18	\$ 389,987.65	\$ 5,500,000.00	\$ 728,141.09	\$ 24,840,433.28
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
CSWS Clearing Account	\$ 40,000.00		\$ 578,395.81		\$ 578,395.81	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
CSWS Operating STIF	\$ 14,088,430.68	\$ 55,388.08	\$ 2,676,925.29		\$ 1,257,449.16	\$ 12,724,841.65
CSWS Debt Service Fund	\$ 3,875.01					\$ 3,875.01
CSWS General Fund	\$ 1,132.99	\$ 4.53				\$ 1,137.52
CSWS Risk Fund	\$ 923,519.16	\$ 3,712.07				\$ 927,231.23
CSWS Legal Reserve	\$ 472,023.92	\$ 1,889.62	\$ 3,374.80			\$ 470,538.74
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				\$ (879,053.37)	Combined Below
Total	\$ 15,488,981.76	\$ 60,994.30	\$ 2,679,801.09	\$ -	\$ 578,395.81	\$ 14,127,624.15
Combined						
MIRA Severance Fund	\$ 1,354,990.89	\$ 5,446.38				\$ 1,360,437.27
CSWS Improvement Fund	\$ 319,447.51					\$ 319,447.51
CSWS Major Maintenance	\$ 6,239,001.49	\$ 23,260.02		\$ (4,162,553.20)		\$ 2,099,708.31
CSWS Tip Fee Stabilization	\$ 11,989,850.69	\$ 49,133.90			\$ (879,053.37)	\$ 11,359,931.22
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 4,725.25		\$ 377,147.03	\$ 66,318.18		\$ 315,554.10
Authority General Fund STIF	\$ 663,930.88	\$ 1,908.85		\$ 210,000.00		\$ 455,839.73
Hartford Solar Reserve	\$ 344,799.03	\$ 1,385.93				\$ 346,184.96
Landfill Div. Operating Account	\$ 771.40		\$ 51,024.64	\$ 2,789.99	\$ (48,006.05)	\$ 1,000.00
Landfill Operating STIF	\$ 2,331,203.75	\$ 9,366.82		\$ 1,518.25	\$ 48,006.05	\$ 2,387,058.37

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 \$3,811,000.00 in support of the FY23 Adopted CSWS Budget.
- After the distribution of March cash receipts, a total of \$60,770,021.29 remained due to the Tip Fee Stabilization Reserve from the CSWS.
- Adjustments reflect funding correction for the paid NAES legal invoices that were paid from reserve.

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

Narrative

Period Ending: 04/30/23

	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	\$ -	\$ 1,419	\$ (1,419)	\$ 100,000	\$ 19,154	\$ 80,846
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	\$ -	\$ 1,419	\$ (1,419)	\$ 602,735	\$ 19,154	\$ 583,581
<b>METAL SALES CREDIT</b>	\$ -	\$ -	\$ -	\$ (100,000)	\$ -	\$ (100,000)
<b>Total Decommission Reserve</b>	\$ -	\$ 1,419	\$ (1,419)	\$ 3,300,000	\$ 19,154	\$ 3,280,846

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

Narrative

Period Ending: 04/30/23

Page 13 of 14 Pages

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
<b>WASTE PROCESSING FACILITY</b>						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ 150,580	\$ (150,580)	\$ 150,000	\$ 150,580	\$ (580)
Total Transfer Stations	\$ -	\$ 150,580	\$ (150,580)	\$ 600,000	\$ 449,606	\$ 150,394
<b>TRANSITION CONTINGENCY</b>	\$ -	\$ -	\$ -	\$ 2,112,500	\$ 1,750,091	\$ 362,409
<b>TOTAL CSWS MAJOR MAINTENANCE FUND</b>	\$ -	\$ 150,580	\$ (150,580)	\$ 2,712,500	\$ 2,199,696	\$ 512,804

**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:**

**April 30, 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	\$ -	\$ 4,768	\$ -	\$ -	\$ -			\$ 4,768
Others	-	25	-	-	-			25
Energy sales	-	3,420	-	-	9,416	98		12,934
Other operating revenues	-	23	-	-	266	6		295
<b>Total Operating Revenues</b>	-	8,236	-	-	9,682	104		18,022
<b>Operating Expenses</b>								
Solid waste operations	-	12,496	-	-	2,807	89	0	15,392
Maintenance and utilities	-	1,860	-	-	(211)	-		1,649
Legal services - external	-	92	-	-	-	-		92
Administrative and Operational services	-	1,464	-	-	227	12		1,703
<b>Total Operating Expenses</b>	-	15,912	-	-	2,823	101		(8,836)
<b>Operating Income (Loss) before Depreciation and Amortization</b>	-	(7,676)	-	-	6,859	3		(814)
Depreciation and amortization	171	13	-	-	1,090	104	0	1,378
<b>Operating Income (Loss)</b>	(171)	(7,663)	-	-	5,769	(101)		(3,192)
<b>Non-Operating Revenues (Expenses)</b>								
Investment income	-	615	1	-	886	23		1,535
Settlement income (expenses)	-	250	-	-	-	-		250
Other income (expenses)	(1,250)	-	(4)	-	-	-		(1,254)
Distribution to SCRRA	-	-	-	-	-	-		-
<b>Non-Operating Revenues (Expenses), net</b>	(1,250)	865	(3)	-	886	23		531
Income (Loss) before transfers	(1,421)	(6,824)	(3)	-	6,655	(68)		(1,661)
Transfers in (out)	-	(5,500)	-	-	5,500	-	0	-
<b>Change in Net Position</b>	(1,421)	(12,324)	(3)	-	12,155	(68)		(1,661)
<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>	\$ 1,592	\$ (8,214)	\$ 41	\$ -	\$ 76,480	\$ 20,528	\$ -	\$ 90,427
<b>RECONCILIATION TO VARIANCE REPORT:</b>								
Add: Expenses paid from reserves	-	608	0	-	(332)	-		276
Add: Amortization	(171)	25	-	-	1,090	104		1,378
Less: GAAP Exp (Deferred for Budget)	-	-	-	-	-	-		-
add: Spare parts and fuel inventory adjustment	-	-	-	-	(535)	-		(535)
add: Capitalized expenses net of asset disposals	-	-	-	-	-	-		-
add: Settlement income	-	(250)	-	-	-	-		(250)
Other	-	-	-	-	-	-		-
<b>Operating Income (Loss) per Variance report</b>	n/a	(6,453)	n/a	n/a	6,878	n/a	n/a	425

ties with CSWS financials tab

ties with PD financials tab

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

Note: Eliminations and depreciation are preliminary amounts.

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

Fr: July 01, 2022

To: May 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 I 3 2.2 (governing contracts) and Section 4 I 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

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**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

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**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

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**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>	
4/19/23	PO0015577	FY 23 - EVERY OTHER WEEK PICKUP OF 4 YARD TRASH DUMPSTER AND RECYCLING CART AT WPF OFFICES. BILLED MONTHLY @ \$136.08 PER MONTH X 3 MONTHS (4/1/2023 - 6/30/2023) = \$408.24 PER DAS CONTRACT 14PSX0299 (VIA AMENDMENT 12 - EXPIRES APRIL 30, 2024)"	408 24	CWPM LLC
4/25/23	PO0015570	FY2023 PER DAS CONTRACT 12PSX0085AA -ADDITIONAL ELECTRICAL AND DESIGN WORK REQUESTED BY MIRA TO COMPLETE HEADQUARTERS MOVE TO 300 MAXIM ROAD, HARTFORD AND VACATING OFFICES - 200 CORPORATE PLACE, ROCKY HILL	3,516 00	WILLIAM B MEYER INC
5/1/23	PO0015572	FY23 - 2 x SONICWALL TZ 370 - FIREWALLS WITH 3 YEAR SUBSCRIPTION FOR INTERNET CONNECTIVITY TO WATERTOWN AND THE RECYCLE SCALE	2,191 64	CDW GOVERNMENT INC
5/1/23	PO0015573	FY23 - WIFI PROJECTOR AND HDMI(MONITOR) ADAPTORS	840 98	CDW GOVERNMENT INC
5/3/23	PO0015576	FY23 Q-4 (05/1/2023- 07/31/2023) KONE ELEVATOR CONTRACT RECYCLE 211 MURPHY ROAD ELEVATOR MAINTENANCE BILLED QUARTERLY @ \$404 52 PER STATE OF CT CONTRACT # 19PSX0054 NOT TO EXCEED \$405 00	405 00	KONE INC
5/3/23	PO0015578	FY23 Q-4 (05/1/2023- 07/31/2023) KONE ELEVATOR CONTRACT RECYCLE 211 MURPHY ROAD ELEVATOR MAINTENANCE BILLED QUARTERLY @ \$404 52 PER STATE OF CT CONTRACT # 19PSX0054 NOT TO EXCEED \$405 00	405 00	KONE INC
5/8/23	PO0015580	FY23 - HEADQUARTERS OFFICE SUPPLIES - 3RD OF FY - DAS CONTRACT NO 18PSX0032	300 00	W B MASON CO INC
5/8/23	PO0015582	FY2023 - 300 MAXIM ROAD ADMINISTRATION BUILDING HVAC COMPRESSOR PER DAS CONTRACT 19PSX0002.	21,661 00	AIR TEMP MECHANICAL SERVICES INC
5/10/23	PO0015583	FY23 - 1 REPLACEMENT IX357 PRO-SERIES REPLACEMENT INK CARTRIDGE FOR QUADIENT MAIL MACHINE AT HEADQUARTERS	140 60	QUADIENT INC
			<u>29,868.46</u>	

### NC3 NC-mandated by law (permit, regulation, statute)

<u>Date</u>	<u>PO Number</u>	<u>Description</u>	<u>QTY</u>
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5/15/23	PO0015594	FY24 DCP PUBLIC WEIGHER LICENSES FOR 7 SCALE OPERATORS x \$40.00 PER LICENSE = \$280.00 JEROME, ARCELASCHI, MONTANEZ, DILLON, REED, BOUCK AND DEEGAN	280.00	CT ST OF DEPT CONSUMER PROTECTION
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280.00

**NC6 NC-competitive market does not exist**

<u>Date</u>	<u>PO Number</u>	<u>Description</u>	<u>QTY</u>	
4/21/23	PO0015564	FY2023 AMERICAN EXPRESS CARD INVOICE - MARCH EXPENSE - PIZZA FOR EMPLOYEES	104.95	AMERICAN EXPRESS TRAVEL MGMT SERVICES
4/21/23	PO0015564	FY2023 AMERICAN EXPRESS CARD INVOICE MARCH EXPENSE - REQUIRED LAW POSTER	31.85	AMERICAN EXPRESS TRAVEL MGMT SERVICES
4/21/23	PO0015564	FY2023 - AMERICAN EXPRESS CARD INVOICE - MARCH EXPENSE - FINAL PAYMENT - MURPHY ROAD MAIL MACHINE	241.14	AMERICAN EXPRESS TRAVEL MGMT SERVICES

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377.94

**NC7 NC- MSA, PILOT, or other similar agreement**

<u>Date</u>	<u>PO Number</u>	<u>Description</u>	<u>QTY</u>	
4/27/23	PO0015575	FY23 - CONTRACT ROUTING ~ CITY OF HARTFORD PILOT AGREEMENT	1.00	CONTRACT ROUTING - INTERNAL ONLY
5/4/23	PO0015579	FY23 CITY OF HARTFORD, PAYMENT IN LIEU OF TAXES (PILOT) CONTRACT	1,500,000.00	HARTFORD CITY OF TREASURER

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1,500,001.00

**Grand Total:** 1,530,527.40

RFP/B/Q which MIRA has issued and is awaiting results

- Request for Information and Expressions of Interest for Sale of Jet Turbine Electric Generating Facility Assets (ongoing RFI- to identify and solicit feedback from parties who may be interested in future RFP(s) related to sale of Jet Turbine Electric Generating Facility Assets)

RFP/B/Q which MIRA expects to issue in June of FY2023 or early FY2024

- RFP for Inspection, Maintenance and Repairs at Maxim Road Railroad Crossing in Hartford.
- Request for Quotes (or other public solicitations if warranted, or use of DAS state contracts if possible) for various building and facility services at the South Meadows site including custodial office cleaning, grounds maintenance, HVAC maintenance, on-call electrical work, on-call plumbing work, on-call fencing work, and/or any other facilities or grounds work deemed necessary as NAES contract ends.
- Request for qualifications and/or proposals for firms to assist in the sale, scrap, and/or disposal of spare parts, rolling stock and/or equipment from the CSWS Resource Recovery Facility.

RFP/B/Q which MIRA may issue in FY2024

- Solicitations if/as necessary to support decommissioning MIRA's resource recovery facility.
- Solicitations if/as necessary to support energy conservation and electrical use reduction efforts at MIRA's closed resource recovery facility.
- RFP for Insurance Consulting and Brokerage (existing contract expires December 31, 2023)
- RFP for Independent Auditing Services (existing contract expires March 31, 2024)
- RFP for Human Resources consulting and temporary services firms (existing contracts expire June 30, 2024)
- RFP(s) for Sale of Jet Turbine Electric Generating Facility Assets
- 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 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
- 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 04/30/23**

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 Ellington		PO#15237	\$ 20,000	\$ 4,145					\$ 4,145
<b>Total Cohn Birnbaum &amp; Shea</b>		\$25,000.00		\$ 20,000	\$ 4,145	\$ -	\$ -	\$ -	\$ -	\$ 4,145
Day Pitney	NPDES Permitting Support			\$ -						\$ -
<b>Total Day Pitney</b>		\$0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Halloran & Sage	GC - Authority Budget		PO#15218	\$ 25,000	\$ 25,000		\$ -	\$ 21,506	\$ (22,000)	\$ 24,506
			PO#15350	\$ 25,000	\$ 25,000		\$ -			\$ 25,000
			PO#15474	\$ 25,000	\$ 16,660		\$ 48,082			\$ 64,742
	Property Division		PO# 15365	\$ 5,000	\$ 236					\$ 236
	CSWS		PO#15233	\$ 25,000	\$ 4,632		\$ 443		\$ (5,000)	\$ 74
										\$ -
	NAES - CSWS Legal Reserve		PO#15228	\$ 50,000	\$ 39,442		\$ -	\$ 4,602	\$ (5,000)	\$ 39,044
										\$ -
										\$ -
										\$ -
	Landfill Division MidCT									\$ -
<b>Beginning Halloran &amp; Sage</b>		\$430,000.00		\$ 153,000	\$ 110,969	\$ -	\$ 48,525	\$ 26,108	\$ (32,000)	\$ 153,601
Kainen, Escalera & McHale	Employment		PO#15149	\$ 20,000	\$ 19,626	\$ 374	\$ -			\$ 20,000
	Employment - CSWS Legal Reserve		PO#15323	\$ 50,000	\$ 50,000					\$ 50,000
	Employment		PO#15367	\$ 50,000						\$ -
	Employment - CSWS Legal Reserve		PO Pending	\$ 25,000	\$ 2,901					\$ 2,901
<b>Total Kainen, Escalera &amp; McHale</b>		\$130,000.00		\$ 70,000	\$ 19,626	\$ 374	\$ -	\$ -	\$ -	\$ 72,901
Melick & Porter	Tremont									\$ -
										\$ -
<b>Total Melick &amp; Porter</b>				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTALS:</b>		\$785,000.00		\$ 245,000	\$ 134,740	\$ 374	\$ 48,525	\$ 26,108	\$ (32,000)	\$ 230,647

*Agrees with Gen ledger*

Start new year: 5/1/22 BOD

Cohn Birnbaum Shea	10,000.00
Halloran & Sage	130,000.00
Kainen	30,000.00
CSWS Legal Reserve-NAES	200,000.00
<b>\$</b>	<b>370,000.00</b>

\*\* Differs from budget by \$10K

Increase throughout year

7/13/22 BOD Meeting Cohn Increase	\$ 15,000.00
10/12/22 BOD Meeting-H&S increase	\$ 200,000.00
<b>\$</b>	<b>585,000.00</b>

\* \$150K which can be taken from reserves

**TAB B**

**MATERIALS INNOVATION AND RECYCLING AUTHORITY**  
**Monthly Customer MSW and Recyclables Deliveries**

**April-23**

**MSW Monthly Customer Delivery Summary**

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr 22	Apr 23	Growth
<b>CSWS MSW</b>									
Tier 1 - Original Long	5,726	6,343	11%	5,038	5,132	2%	562	463	(18%)
Tier 1 - Amended Short	56,809	52,848	(7%)	43,854	36,094	(18%)	4,108	3,262	(21%)
Tier 1 - Swapped					1,506	-	0	264	-
<b>MSW TOTAL</b>	<b>62,535</b>	<b>59,191</b>	<b>(5%)</b>	<b>48,891</b>	<b>42,731</b>	<b>(14%)</b>	<b>4,670</b>	<b>3,989</b>	<b>(17%)</b>

**CSWS Contract/Spot MSW Direct to Covanta**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr-22	Apr-23	Growth
Contract/Spot					1153			921	

**CSWS Tier 1 Original Participating Municipality MSW**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr 22	Apr 23	Growth
Deep River	3,087	3,454	12%	2,752	2,783	1%	331	262	(21%)
Essex	2,640	2,889	9%	2,286	2,349	3%	231	201	(13%)
<b>TOTAL TIER 1 - Original Long</b>	<b>5,726</b>	<b>6,343</b>	<b>11%</b>	<b>5,038</b>	<b>5,132</b>	<b>2%</b>	<b>562</b>	<b>463</b>	<b>(18%)</b>

**CSWS Tier 1 Amended Short Participating Municipality MSW Effective 7/1/22**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr 22	Apr 23	Growth
Canaan	496	499	1%	418	389	(7%)	39	40	1%
Chester	1,392	936	(33%)	838	792	(5%)	13	79	487%
Clinton	8,371	7,607	(9%)	6,347	4,063	(36%)	516	402	(22%)
Colebrook	595	642	8%	529	491	(7%)	53	42	(20%)
Cornwall	599	559	(7%)	471	438	(7%)	41	35	(15%)
Durham/Middlefield	5,988	3,614	(40%)	3,073	2,034	(34%)	248	196	(21%)
Goshen	1,543	1,418	(8%)	1,176	1,096	(7%)	105	96	(8%)
Haddam	3,495	3,361	(4%)	2,814	2,446	(13%)	263	203	(23%)
Killingworth	1,647	1,796	9%	1,459	1,288	(12%)	178	124	(30%)
Lyme	798	783	(2%)	641	637	(1%)	56	58	3%
Middlebury	2,504	2,192	(12%)	1,829	776	(58%)	171	66	(61%)
Norfolk	774	731	(6%)	611	554	(9%)	51	47	(7%)
North Canaan	2,054	2,017	(2%)	1,688	1,594	(6%)	163	140	(14%)
Old Saybrook	8,715	8,572	(2%)	7,174	5,778	(19%)	661	483	(27%)
RRDD#1	11,319	10,939	(3%)	9,079	8,446	(7%)	898	797	(11%)
Salisbury/Sharon	3,508	3,280	(6%)	2,701	2,433	(10%)	271	232	(14%)
Westbrook	3,010	3,902	30%	3,007	2,838	(6%)	381	221	(42%)
<b>TOTAL TIER 1 - Amended Short</b>	<b>56,809</b>	<b>52,848</b>	<b>(7%)</b>	<b>43,854</b>	<b>36,094</b>	<b>(18%)</b>	<b>4,108</b>	<b>3,262</b>	<b>(21%)</b>

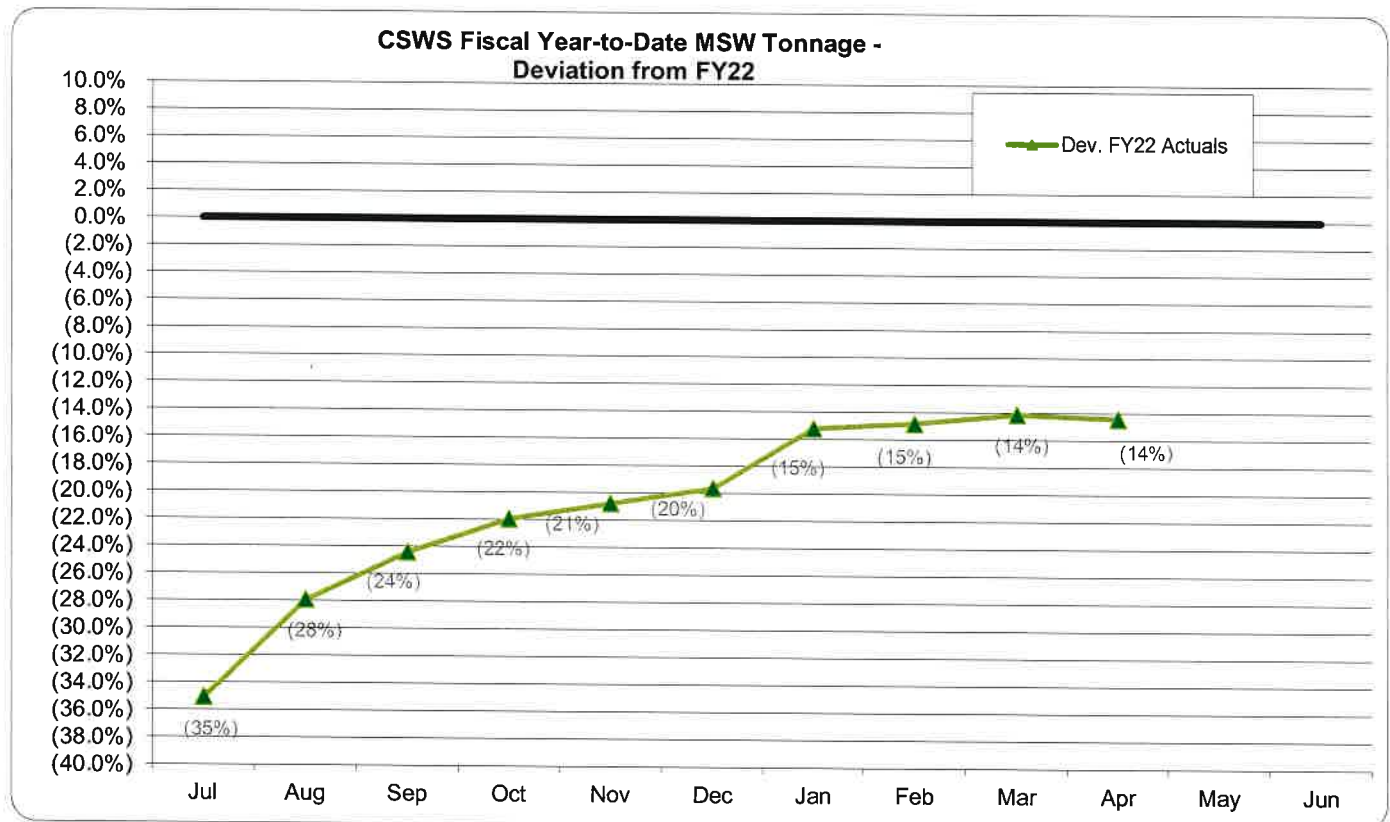
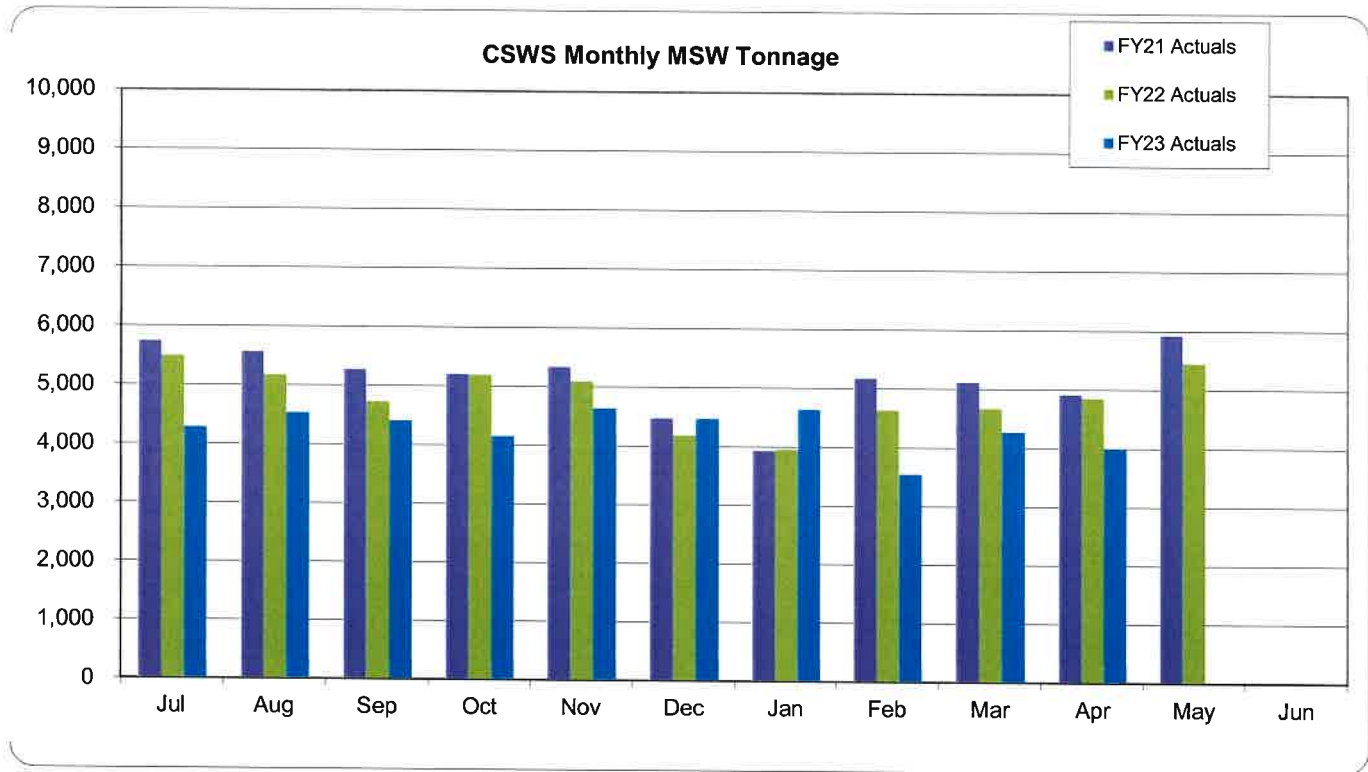
**CSWS Tier 1 Swapped for Participating Municipality MSW**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr 22	Apr 23	Growth
Guilford/Madison			-	0	1,506	-	0	264	-
<b>TOTAL TIER 1 - Swapped</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>1,506</b>	<b>-</b>	<b>0</b>	<b>264</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	Apr 22	Apr 23	Growth
<b>CSWS Recyclables</b>									
Tier 1 - Original Long	1,040	1,264	22%	1,011	1,033	2%	114	106	(7%)
Tier 1 - Amended Short	10,902	9,842	(10%)	8,112	7,973	(2%)	814	720	(12%) (1)
<b>RECYC. TOTAL</b>	<b>11,942</b>	<b>11,106</b>	<b>(7%)</b>	<b>9,124</b>	<b>9,006</b>	<b>(1%)</b>	<b>928</b>	<b>826</b>	<b>(11%)</b>

### Recycling Monthly Customer Delivery Detail

CSWS Tier 1 Original Participating Municipality Recycling									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr 22	Apr 23	Growth
Deep River	292	415	42%	333	258	(23%)	42	19	(54%)
Essex	748	848	13%	678	775	14%	72	86	20%
<b>TOTAL TIER 1 - Original Long</b>	<b>1,040</b>	<b>1,264</b>	<b>22%</b>	<b>1,011</b>	<b>1,033</b>	<b>2%</b>	<b>114</b>	<b>106</b>	<b>(7%)</b>

CSWS Tier 1 Amended Short Participating Municipality Recycling Effective 7/1/22									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2021	2022	Growth	2022	2023	Growth	Apr 22	Apr 23	Growth
Canaan	204	154	(24%)	132	89	(33%)	13	9	(32%)
Chester	405	246	(39%)	232	294	27%	4	27	554%
Clinton	1,029	829	(20%)	643	771	20%	89	74	(17%)
Colebrook	206	206	(0%)	172	159	(7%)	16	13	(19%)
Cornwall	190	164	(14%)	135	122	(10%)	14	6	(54%)
Durham/Middlefield	903	666	(26%)	560	517	(8%)	64	51	(21%) (1)
Goshen	383	342	(11%)	276	248	(10%)	24	22	(9%)
Haddam	672	627	(7%)	517	503	(3%)	51	44	(14%) (1)
Killingworth	462	407	(12%)	337	332	(2%)	36	34	(5%)
Lyme	290	283	(2%)	235	230	(2%)	25	17	(29%)
Middlebury	922	860	(7%)	707	430	(39%)	70	37	(48%)
Norfolk	167	164	(2%)	138	152	10%	14	14	(4%)
North Canaan	251	261	4%	212	196	(8%)	21	13	(37%)
Old Saybrook	1,414	1,312	(7%)	1,096	1,068	(3%)	102	109	8%
RRDD#1	1,671	1,596	(4%)	1,330	1,316	(1%)	123	118	(4%)
Salisbury-Sharon	1,229	1,101	(10%)	918	793	(14%)	78	70	(10%)
Westbrook	503	625	24%	471	754	60%	71	63	(12%)
<b>TOTAL TIER 1 - Amended Short</b>	<b>10,902</b>	<b>9,842</b>	<b>(10%)</b>	<b>8,112</b>	<b>7,973</b>	<b>(2%)</b>	<b>814</b>	<b>720</b>	<b>(12%)</b>

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



# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

### CSWS Recyclables Trends

