



MEMORANDUM

TO: MIRA Board of Directors
FROM: Donald S. Stein, Chairman
DATE: May 6, 2021
RE: Notice of Regular Telephonic Meeting

There will be a *regular telephonic* meeting of the Board of Directors of the Materials Innovation and Recycling Authority (MIRA) on *Wednesday, May 12, 2021 at 9:30 a.m.*

MIRA offices are presently closed to the public due to the Corona Virus outbreak. Members of the public may attend the meeting telephonically by calling (929) 205-6099, entering meeting ID 871 5985 8464#, then entering the password 037149# 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 14, 2021 Regular Board Meeting (*Attachment 1*).
- IV. Finance Committee Report
- V. Policies and Procurement Committee Report
 - a. Board Action will be sought for a Resolution Regarding a Cooperative Service Agreement between MIRA and the USDA Animal and Plant Health Inspection Services/Wildlife Services for Bird Control (*Attachment 2*).
 - b. Board Action will be sought for a Resolution Regarding Signatory Authority for Environmental Regulatory and Compliance submittals (*Attachment 3*).
 - c. Board Action will be sought for a Resolution Regarding the Purchase of Jet Fuel for the South Meadows Jet Turbine Facility (*Attachment 4*).

VI. OS & HR Committee Report

- a. Board Action will be sought for a Resolution Regarding the Establishment of a Severance Program for NAES Waste-to-Energy and Jets Facility Employees (*Attachment 5*).

VII. Chairman's and President's Report

- a. Attached Supplemental Information / Other Matters

VIII. Executive Session to discuss:

- a. Pending RFPs pursuant to Conn. Gen. Stat. Section 1-210(b)(24) and Feasibility Estimates and Evaluations relative to prospective public supply contracts pursuant to Conn. Gen. Stat. Section 1-210(b)(7), including MIRA RFP's and prospective contracts for Connecticut Solid Waste System transfer facilities, transportation and disposal of acceptable solid waste at alternate disposal facilities, and the potential impact of same upon CSWS operating and capital budgets, and to discuss personnel employment matters pursuant to Conn. Gen. Stat. Section 1-200(6), including issues regarding the retention of critical skilled employees at the W-T-E Facility.

TAB 1

MATERIALS INNOVATION AND RECYCLING AUTHORITY

FIVE HUNDRED AND THIRTY

April 14, 2021

A Regular Telephonic (Zoom) Board meeting of the Materials Innovation and Recycling Authority Board of Directors was held on Wednesday, April 14, 2021. Present via audio or video conferencing were:

Directors:

Chairman Stein
Vice-Chairman Dick Barlow
John Adams
Scott Shanley (until 10:30)
Jim Hayden
Edward Bailey
Carl Fortuna, Jr.
Susan Weisselberg
Bert Hunter
Marcia Leclerc
Suzette DeBeatham-Brown (until 10:30)
Tom Swarr, CSWS Ad Hoc

Present from MIRA:

Tom Kirk, President
Mark Daley, Chief Financial Officer
Laurie Hunt, Director of Legal Services
John Clark, Director of Operations and Environmental Affairs
Thomas Gaffey, Director of Recycling & Enforcement
Roger Guzowski, Contracts and Procurement Manager
Jeff Duvall, Director of Budgets and Forecasting
Cheryl Kaminsky, Manager of Accounting and Financial Reporting
Chris Shepard, Environmental Compliance Manager

Others Present:

Ann Catino, Halloran & Sage

Katie Dykes, Commissioner, Dept. of Energy and Environmental Protection
Betsy Wingfield, Deputy Commissioner, Dept. of Energy and Environmental Protection

Chairman Stein called the meeting officially to order at 9:35 a.m. and said that a quorum was present.

PUBLIC PORTION

Chairman Stein welcomed the DEEP Commissioner and invited her to address the Board. The Commissioner said that she had participated in discussions with HRRA and SCRRRA regarding how those Authorities manage and fund the services they provide to their member towns, and suggested that the MIRA Board invite presentations from them at a subsequent board meeting.

1. APPROVAL OF THE MARCH 10, 2021 BOARD MEETING MINUTES

Chairman Stein requested a motion to approve the minutes of the March 10, 2021 Board meeting. Director Adams made the motion, which was seconded by Director Leclerc.

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

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		

Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

2. APPROVAL OF THE MARCH 15, 2021 BOARD MEETING MINUTES

Chairman Stein requested a motion to approve the minutes of the March 15, 2021 Board meeting. Director Adams made the motion, which was seconded by Director Bailey.

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

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

**3. RESOLUTION APPROVING SELECTION OF THE AUTHORITY'S
INDEPENDENT AUDITOR**

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

RESOLVED: That the President is hereby authorized to execute an agreement with Whittlesey PC for Independent Auditing Services, the scope of work for which will included both the fixed fee Annual Independent Audit for fiscal years 2021, 2022, and 2023; and additional on-call auditing work if needed, substantially as presented and discussed at this meeting.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Shanley, Director Hayden, Director Bailey, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, and Director Brown voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc			

**4. RESOLUTION APPROVING EMERGENCY PROCUREMENT OF PROPERTY
INSURANCE**

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

RESOLVED: That the MIRA Board of Directors ratifies the Emergency Procurement as substantially presented and discussed at this meeting.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Shanley, Director Hayden, Director Bailey, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, and Director Brown voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc			

5. RESOLUTION REGARDING AGREEMENT FOR METALS RECOVERY AND MARKETING SERVICES FOR POST-COMBUSTION FERROUS METALS AND MAINTENANCE METALS

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

RESOLVED: The President is authorized to enter into an agreement with wTe Recycling, Inc. for the transportation, processing and recycling of post-combustion ferrous metals and maintenance metals generated at the CSWS South Meadows Resource Recovery Facility, substantially as presented and discussed at this meeting.

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

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

6. RESOLUTION REGARDING ANNUAL STACK TESTING AT THE CSWS POWER BLOCK FACILITY FOR CALENDAR YEARS 2021, 2022 AND 2023

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

RESOLVED: The President is hereby authorized to enter into a contract with Elemental Air, LLC, for performance of the annual air emissions testing at the CSWS Power Block Facility for calendar years, 2021, 2022 and 2023, substantially as discussed and presented at this meeting.

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

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

7. RESOLUTION REGARDING AGREEMENT FOR OUTDOOR ADVERTISING ON MIRA PROPERTY

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

RESOLVED: That the President is hereby authorized to execute an agreement with Outfront Media LLC (“Licensee”) to obtain the license rights from MIRA and to lease from MIRA a portion of MIRA’s property located on Reserve Road adjacent to the Charter Oak Bridge (the “Reserve Road Site”) to construct/erect at Licensee’s sole expense and in accordance with all applicable industry standards and the Laws and Regulations, a new billboard at the Reserve Road Site, substantially as presented and discussed at this meeting.

The board debated the wisdom of reserving the billboard for use specifically focused on MIRA’s mission. It was concluded that using the billboard for education on solid waste and recycling

matters was not the best vehicle for achieving MIRA's goals; rather, the board directed MIRA to explore use of the revenue received from the license agreement on social media advertising to promote environmentally sound waste and recycling practices, and to return to the board with suggestions and pricing.

The motion previously made and seconded was approved by roll call. Chairman Stein, Vice-Chairman Barlow, Director Adams, Director Shanley, Director Hayden, Director Bailey, Director Fortuna, Director Weisselberg, Director Hunter, Director Leclerc, and Director Brown voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley	X		
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc			

Chairman Stein said that Directors Hunter and Weisselberg had prepared a draft document titled "MIRA Direction Going Forward", and asked them to present it. The board discussed tactics for managing waste and increasing diversion and enhancing recycling in the short term, while the State develops long-term plans. The board and Commissioner Dykes reiterated their intent to work together to formulate comprehensive waste management strategies, including outreach to communities.

8. RESOLUTION REGARDING THE CONNECTICUT SOLID WASTE SYSTEM SOLID WASTE AND RECYCLABLES DELIVERY AGREEMENT (COMMERCIAL HAULER AGREEMENT)

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

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

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley			
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

3. **EXECUTIVE SESSION**

EXECUTIVE SESSION

Chairman Stein requested a motion to enter into Executive Session to discuss the following:

- a. Pending litigation, including *Zurich American Insurance Company et al. v. NAES Corporation*, *Tremont Public Advisors LLC v. Materials Innovation and Recycling Authority*, *Sam Cortes v. NAES Corporation et al.* and *Heriberto*

Santos-Benitez et al. v. NAES Corporation et al., pursuant to Conn. Gen. Stat. Section 1-210(b)(4); and

- b. Pending RFPs and Feasibility Estimates and Evaluations relative to prospective public supply contracts, including MIRA RFP's and prospective contracts Connecticut Solid Waste System transfer facilities, transportation and disposal of acceptable solid waste and acceptable recyclables at alternate disposal facilities, and the potential impact of same upon CSWS operating and capital budgets.

Vice Chairman Barlow moved the motion, with the addition to Item 9.b. of discussion regarding prospective contracts related to the de-commissioning of the W-T-E Facility. Director Adams seconded the motion. Ms. Hunt clarified that Pending RFPs are covered by Conn. Gen. Stat. Section 1-210(b)(24) and Feasibility Estimates and Evaluations relative to prospective public supply contracts by Conn. Gen. Stat. Section 1-210(b)(7).

Chairman Stein requested that the following people remain for the Executive Session, in addition to the Board members:

Tom Kirk
Mark Daley
John Clark
Peter Egan
Laurie Hunt
Tom Gaffey
Ann Catino

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

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Barlow	X		
John Adams	X		
Jim Hayden	X		
Scott Shanley			
Edward Bailey	X		
Carl Fortuna	X		
Susan Weisselberg	X		

Bert Hunter	X		
Marcia Leclerc	X		
Suzette DeBeatham-Brown			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr, CSWS Ad Hoc	X		

The Executive Session commenced at 10:58 a.m. and concluded at 12:17 p.m. The meeting was adjourned at 12:17 p.m.

TAB 2

**RESOLUTION REGARDING COOPERATIVE SERVICES
AGREEMENT BETWEEN THE MATERIALS INNOVATION AND
RECYCLING AUTHORITY AND THE UNITED STATES
DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH
INSPECTION SERVICES / WILDLIFE SERVICES**

RESOLVED: That the President is hereby authorized to execute an agreement with the United States Department of Agriculture Animal and Plant Health Inspection Services - Wildlife Services, for the control of nuisance birds at the South Meadows Waste Processing Facility, substantially as presented and discussed at this meeting.

Materials Innovation and Recycling Authority

Cooperative Service Agreement with the United States Department of Agriculture Animal and Plant Health Inspection Service at the CSWS Waste Processing Facility

Presented to the MIRA Board on: May 12, 2021

Vendor/ Contractor(s): United States Department of Agriculture,
Animal & Plant Health Inspection Services,
Wildlife Services

Effective date: July 1, 2021

Contract Type/Subject matter: Service Agreement for bird and other pest
control at the South Meadows Waste
Processing Facility.

Facility Affected: CSWS Waste Processing Facility

Original Contract: This is a new contract.

Term: July 1, 2021 through June 30, 2022

Contract Dollar Value: \$31,000.00

Amendment(s): NA

Term Extensions: NA

Scope of Services: Provide integrated bird control services at
the South Meadows WPF.

Other Pertinent Provisions: USDA is engaged as a contractor with
Special capability pursuant to section
3.1.2.5 of MIRA's Procurement Policies &
Procedures; accordingly, this contract is
awarded as an exception to the competitive
process.

Materials Innovation and Recycling Authority Connecticut Solid Waste System

Cooperative Services Agreement with United States Department of Agriculture for the Control of Birds

May 12, 2021

Executive Summary

This is to request approval of the MIRA Board of Directors for the President to enter into an agreement with the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Services (APHIS), Wildlife Services (WS) to perform work at the South Meadows Waste Processing Facility on Maxim Road to control nuisance birds. USDA will be engaged as a contractor with special capability pursuant to section 3.1.2.5 of CRRA's Procurement Policies & Procedures; accordingly, this contract is awarded as an exception to the competitive process.

Discussion

As the owner and solid waste permittee of the South Meadows Resource Recovery Facility (RRF), MIRA has a regulatory obligation to control vectors, including birds. Historically, the South Meadows RRF has seasonally experienced excessive bird activity. Despite attempts in past years by MIRA's contractor and project staff to control bird activity using various means, including pyrotechnics, nuisance bird activity has been a recurring issue and if not managed adequately, may present a potential threat to the incoming and outgoing aircraft at the neighboring Brainard Airport.

In 2004, MIRA staff made inquiries to the solid waste management facility operators in other states, as well as to regulatory agencies, with the intent of identifying additional options for controlling birds at its waste facilities. MIRA's search identified the USDA as an organization that is equipped to provide support in management of nuisance birds. Consequently MIRA entered into a Pilot Agreement with the USDA to provide services at both the Hartford Landfill and the South Meadows Waste Processing Facility. The approach used in controlling birds has involved several methods, using various types of pyrotechnics, visual deterrents and safe traps, as well as toxicants and firearms. The USDA program proved successful, and MIRA has contracted with the USDA for these activities since 2004.

Based on annual reports provided by the USDA during the past decade, and observations made by USDA and MIRA personnel, the work performed by USDA continues to be effective in controlling the number of nuisance birds at the CSWS Waste Processing Facility. Although the vector control activities conducted by USDA at the WPF primarily involve control of nuisance birds, USDA also

provides management of other nuisance animals as necessary, including skunks, raccoons and possum. The USDA Report for the past year's activities is included in the supplemental information package.

In addition to the on-site vector control services, USDA Wildlife Services also provides support to MIRA in completing, submitting and timely processing of the vector depredation permit, which authorizes MIRA – and through MIRA the USDA Wildlife Services – to undertake these depredation activities. MIRA obtains the depredation permit from the USDA, and must renew the permit on an annual basis.

MIRA management recommends contracting with the USDA for these bird control activities in FY 2022.

Financial Summary

The term of the contract is July 1, 2021 through June 30, 2022. The total not-to-exceed cost is \$31,000, which includes the cost of personnel, vehicles, supplies and administration. This is the same contract price as the current year.

These nuisance bird management activities were contemplated when the FY 2022 budget was developed, and \$31,000 has been included in the FY 2022 CSWS WPF operating budget for this purpose.

TAB 3

**RESOLUTION REGARDING SIGNATORY AUTHORITY FOR
ENVIRONMENTAL REGULATORY COMPLIANCE SUBMITTALS**

RESOLVED: Pursuant to Conn. Gen. Stat. Section 22a-277(c) the board hereby authorizes the President to delegate to John D. Clark, Director of Operations and Environmental Affairs, as duly authorized representative of the Authority, the authority to sign regulatory and permit-required applications, reports and other applicable information submitted by the Authority to the Connecticut Department of Energy & Environmental Protection, in connection with air, water, and solid waste compliance and permitting programs, substantially as presented and discussed at this meeting. This delegation of authority, in the President's opinion, would be appropriate for the prompt and orderly transaction of the business of the Authority.

Materials Innovation and Recycling Authority
Signatory Authority for Environmental Regulatory
Compliance Submittals

May 12, 2021

Discussion

Certain air, water, and solid waste management regulations, and associated environmental permits issued by the Connecticut Department of Energy & Environmental Protection (DEEP) to MIRA require that certain documents, such as permit applications, reports, certifications, and other information required to be submitted to the Commissioner of DEEP, be signed by the principal executive officer of MIRA, or by a duly authorized representative of MIRA, as defined in RCSA Section 22a-430-3(b)(2), RCSA Section 22a-174-2a(a) and RCSA Section 22a-449(c)-110. In the case of MIRA, the President is the principal executive officer.

This is to request that the MIRA Board of Directors authorize the President of MIRA to delegate as a duly authorized representative, for the purpose of signing environmental regulatory and permit-required applications, reports, certifications, and other applicable information related to compliance with air, water, and solid waste management related permits and regulations, John D. Clark, Director of Operations and Environmental Affairs.

The signatory authority for purposes of signing reports, permit applications, certifications, and other submittals will be extended by the President, in writing, to Mr. Clark in accordance with RCSA Section 22a-430-3(b)(2)(B), RCSA Section 22a-174-2a(a), and RCSA Section 22a-449(c)-110 incorporating 40 CFR 270.11. DEEP will be notified of this delegation of authority, as required by these regulations.

TAB 4

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

RESOLVED: That the President is hereby authorized to execute a purchase order with Dime Oil Company, LLC for the purchase of Ultra Low Sulfur No. 1 Diesel Fuel to support operation of the South Meadows Jet Turbine Facility, substantially as presented and discussed at this meeting.

Materials Innovation and Recycling Authority
Contract Summary for Purchase of Ultra-Low Sulfur No. 1 Diesel Fuel
for the South Meadows Jet Turbine Facility

Presented to the MIRA Board on:	May 12, 2021
Vendor/Contractor(s):	Dime Oil Company, LLC
Effective Date:	Upon Issuance of Purchase Order
Contract Type/Subject Matter:	Pursuant to CT Department of Administrative Services Contract
Facility(ies) Affected:	South Meadows Jet Turbine Facility
Original Contract:	Department of Administrative Services Contract No. 15PSX0035. (This DAS contract expires 6/30/2025).
Term:	MIRA Fiscal Year 2022
Contract Dollar Value:	Not to exceed \$672,000. (As budgeted in the FY2022 Property Division Budget.)
Amendment(s):	Not applicable
Term Extensions:	Not applicable
Scope of Services:	Purchase of Ultra Low Sulfur No. 1 Diesel Fuel (i.e., Jet Fuel) for the South Meadows Jet Turbine Facility. The President is authorized to purchase Jet Fuel during FY2022, as necessary, in order to ensure that an adequate volume of jet fuel is available to support operation of MIRA's Jet Turbine Facility.
Other Pertinent Provisions:	The price of the fuel fluctuates daily. On the day that MIRA purchases fuel, MIRA receives a firm price quote from Dime Oil Company, LLC for a specific volume of fuel, which firm price is a function of the daily price posted by the Oil Price Information Service for New Haven, CT, in accordance with the CT DAS contract.

Materials Innovation and Recycling Authority

Property Division

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

May 12, 2021

Executive Summary

This is to request that the Board of Directors authorize the President to purchase Jet Fuel for the MIRA South Meadows Jet Turbine Facility, on an as needed basis, in order to ensure that there is a sufficient volume of Jet Fuel at the facility to support the operation. The President will be authorized to purchase up to \$672,000 of fuel, if necessary, during fiscal year 2022.

Discussion

MIRA owns a jet turbine peaking power plant, commonly referred to as the South Meadows Jet Turbine Facility ("JTF"). The JTF consists of four Pratt & Whitney Twin-Pac generating sets ("Twin-Pacs"). Each of the four Twin-Pac units is nominally capable of generating 40 MW of power and is comprised of two Pratt & Whitney FT4A-9 combustion gas turbine engines. The units serve the ISO-New England System as "peaking capacity" and typically are called to run only approximately 20 hours per year.

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

MIRA purchases the fuel from Dime Oil Company, LLC pursuant to a CT Department of Administrative Services contract. Dime Oil Company, LLC is the preferred vendor in Hartford County for this particular fuel on the CT DAS contract.

Because the value of jet fuel purchases will exceed \$50,000 during the fiscal year, which requires Board of Director approval, MIRA management is seeking Board authorization to purchase fuel from Dime Oil Company, LLC during FY2022. In this case, purchases would be made on an "as needed" basis, would be pursuant to a DAS contract, and would not exceed the amount budgeted for FY2022.

Financial Summary

MIRA has budgeted \$672,000 for purchase of Jet Fuel in FY2020 in the Property Division Budget.

TAB 5

Recommended RESOLUTION REGARDING THE ESTABLISHMENT OF A SEVERANCE PROGRAM FOR NAES WASTE-TO-ENERGY AND JETS FACILITY EMPLOYEES

WHEREAS, MIRA anticipates shutting down the South Meadows Waste-to-Energy Facility (the "WTE Facility") as early as May 15, 2022, and no later than June 30, 2022; and

WHEREAS, MIRA plans to issue RFPs in the coming months that may include the conversion and operation of the WTE Facility as a transfer station (the "Transfer Station RFP"), the decommissioning of the WTE Facility (the "Decommissioning RFP"), and the most convenient and cost effective means of operating and maintaining MIRA's Jet Turbine Facility (the "Jets Facility") after the WTE Facility shuts down (the "Jets RFP"); and

WHEREAS, NAES may opt to submit proposals for the provision of services pursuant to one or more of the MIRA RFPs; and

WHEREAS, in the event that NAES submits one or more such proposals in response to the MIRA RFPs, and is selected as the successful proposer(s) by MIRA, MIRA anticipates that the resulting agreements will identify the existing NAES personnel to be retained for the performance of such work ("Continued Employment"); and

WHEREAS, in the event NAES decides not to submit such proposals in response to the MIRA RFPs, or is not selected as the successful proposer by MIRA, MIRA anticipates that the selected respondents will be obligated to evaluate their staffing requirements and offer employment to appropriately qualified NAES employees ("Alternative Employment"); and

WHEREAS, MIRA proposes to develop a severance program for NAES employees who are not offered Continued Employment or Alternative Employment, or who reject such offers ("Eligible Employees"); and

WHEREAS, due to the uncertainty regarding continued employment, it is becoming increasingly difficult for NAES to recruit and retain sufficient staff to properly operate and maintain the WTE Facility; and

WHEREAS, following discussion with NAES, MIRA believes that the promise of severance for all NAES' employees who remain employed at the WTE Facility until released on MIRA's instructions will be of significant assistance in employee retention; and

WHEREAS, MIRA proposes to fund a severance program for NAES WTE and Jets Facility employees who are not offered Continued Employment or Alternative Employment, or who reject such offers, which program will be funded by MIRA and administered by NAES through dedicated draw requests as MIRA-directed separations from employment occur under specified guidelines;

NOW, THEREFORE, it is

RESOLVED: That the Board of Directors authorizes the President to contractually commit to fund severance payments to all NAES' onsite full-time employees at the WTE and Jets Facility who are not offered Continued Employment or Alternative Employment, or who reject such offers; and

FURTHER RESOLVED: That the President is authorized to fund such severance payments first through use of the Fiscal Year 2022 adopted budgets for NAES salary and benefits at the WTE and Jets Facility, second through transfer of surplus funds identified within other Fiscal Year 2022 CSWS or Property Division expenditure budgets pursuant to the President's existing authority, third through use of such reserve funds as may subsequently be established by this Board of Directors for such purpose and forth through any such Fiscal Year 2023 budgets as may subsequently be adopted by this Board of Directors for such purpose; and

FURTHER RESOLVED: That such severance program shall comprise a Base Plan available to all Eligible Employees and a Retention Plan available to Eligible Employees identified as Key Employees; and

FURTHER RESOLVED: That the Base Plan shall include six week's wages based on a 40 hour work week, plus the employer share of payroll taxes attributed thereto, plus a one-time fixed payment equal to the current cost of the employer's share of the employee's monthly health insurance premiums for 4 months, together with prorated payment of the agreed Fiscal Year 2022 Employee Incentive Based Compensation based on the number of days employed during Fiscal Year 2022 , which shall be administered by NAES and passed through to each employee in full excepting only the employer share of payroll taxes; and

FURTHER RESOLVED: That the Retention Plan shall include up to ten additional weeks' wages based on a 40 hour work week, plus the employer share of payroll taxes attributed thereto, which shall be administered by NAES and passed through to each employee in full excepting only the employer share of payroll taxes; and

FURTHER RESOLVED: That the President is authorized to execute amendments to the WTE and Jets Operation and Maintenance Agreements as may be necessary or desirable, specifying the terms and conditions of the WTE and Jets Facility Severance Program as set forth herein, and to do all such other things as may be reasonably necessary or desirable to establish and implement the WTE and Jets Facility Severance Program, all substantially as presented and discussed at this meeting; and

FURTHER RESOLVED: That MIRA may consider and propose to this Board of Directors the subsequent development of a modified severance program if necessary to secure key employees for Continued Employment or Alternative Employment.



Materials Innovation and Recycling Authority
Regular Board of Directors Meeting
Supplemental Information
May 12, 2021

I. Finance

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

CSWS Financials	CSWS Improvement Fund
CSWS Electricity	Property Division Financials
CSWS Solid Waste Summary	MIRA Cash Flow
CSWS Recycling Summaries	Authority Budget
Cash Flow Forecast (template only)	FY 2022 Budget Spread

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending March 31, 2021 (***Attachment B***).
2. An update is provided on waste deliveries to the CSWS project for the period ending March 31, 2021 (***Attachment C***).
3. Final Activity Report for the MIRA CSWS Facility (***Attachment D***).

III. Communications

1. Legal Expenditure Report FY 2021 (***Attachment E***).

IV. Recycling Deliveries

1. A summary of recycling deliveries that were rejected from MIRA's recycling facility during March 2021 (***Attachment F***).

TAB A



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING

March 31, 2021

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

As indicated in this report, operating revenues for March totaled \$5.23 million (7.8% below budget). Deficits were experienced in all categories of operating revenue other than member town waste, spot, metal sales and bulky waste. Accrued revenue for March includes a \$0.48 million insurance reimbursement of legal fees recognized in miscellaneous revenue. Year to date operating revenue is 15.4% under budget. Total accrued expenditures for March were \$5.10 million (15.9% under budget). Year to date accrued expenditures are 11.8% under budget. Accrued expenses include a new operating structure for the Recycling Facility that became effective February 1st. A new \$110 per ton recycling processing fee is reflected in the Recycling Facility Operating Expense. Year to date the CSWS has generated operating income of \$4.54 million which is \$2.84 million under budget. The year to date CSWS total budget deficit after income distributions, funded through use of the Tip Fee Stabilization Fund, is \$0.59 million under budget.

CSWS Electricity - This report reflects CSWS budget versus actual electricity production, revenue and price for the current month and year to date. Energy revenue reconciles to CSWS Financials. **Effective April 1, 2020 all energy hedge contracts expired as MIRA continues to monitor energy futures for appropriate opportunities.** All energy is presently sold in the wholesale energy market.

As indicated in this report, the CSWS total average energy price including hedged and wholesale prices was \$0.0340 per kwh in March which is \$0.0019 per kwh (6.0%) above budget. Year to date energy price is 9.6% under budget. The CSWS generated 19.26 million Kwh of energy in March which was 4.40 million Kwh (18.6%) under budget. The plant ran at full capacity for 0 out of 31 days. Overall boiler availability was 52.7% . Boiler 11 was off line for 189.68 hours (74.5% availability) initially for low fuel and later for a cleaning outage at the end of the month. Boiler 12 was off line for only 44.90 hours (94.0% availability) due to lack of fuel. Boiler 13 was off line a total of 720.31 hours (3.18% availability) due to its scheduled major outage. Turbine 5 was reported off line for 14 consecutive days initially to accommodate one boiler operations and subsequently to accommodate two boiler operations at reduced load due to lack of fuel. Turbine 6 was reported off line for 5 days primarily to troubleshoot a trip. On a year to date basis, in comparison to this period of fiscal year 2020, energy price is down 3.7%, production is down 6.0% and revenue is down 9.5%.

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.

March deliveries totaled 40,385 tons which is 5,108 tons (11.2%) under budget. Member town deliveries were 2,323 tons (7.1%) above budget while non-participating deliveries were 7,431 tons (58.7%) below budget. Prices for waste hauler tons averaged \$93.00 per ton in March reflecting the FY 2021 adopted tip fees. Pricing for other contract waste averaged \$76.00 per ton. Spot waste was brought in at an average price of \$73.56. Price and delivery volume by contract type combine to produce total solid waste delivery revenue presently 16.4% under budget on a year to date basis.



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING **March 31, 2021**

CSWS Recycling Summary - This report reflects current month and year to date recyclable tons delivered to and exported from the CSWS recycling center including the rate per ton and corresponding revenue reconciled to CSWS financials. Deliveries and exports are stated in terms relevant to the contract operation of this facility under original terms through January 31, 2021 and pursuant to amended terms effective February 1, 2021.

Total recycling facility revenues were 52.6% under budget in March. FCR delivery revenue was 73.2% below budget due to elimination of the Base Share Delivery Fee and reduction in the Paid Residue Fee to \$60 per ton. FCR export revenue was well above budget due to a spike in reported pricing of CSWS-sourced OCC and residential containers. Authority surcharges for delivery of non-participating recycling were 93.5% below budget in March and 65.7% below budget year to date. Year to date total recycling facility revenues are 38.5% under budget. As indicated separately on the metal sales report, metal sales and excess residue revenue was 38% above budget in March due to strong pricing. The average per ton price in March was \$114.75 which is \$46.37 per ton (68%) above budget.

Property Division Financials - This report reflects the budget versus actual financial performance of the Authority's Property Division for the current month and on a year to date basis. This is an accrual basis report in that revenues are recognized when earned and expenses are recognized when incurred irrespective of the timing of cash receipts or payments.

As indicated, revenue to the Property Division was 12.2% below budget in March due to reduced reserve credits and real time energy sales. Operating expenses were 38.7% under budget due to savings in Jets Operating Charges. Total operating income is 7.8% above budget year to date.

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

As indicated in this report, Property Division cash receipts for March were sufficient to distribute \$522,325 to the Tip Fee Stabilization Fund. Year to date distributions to the Tip Fee Stabilization Fund are \$6,462,250. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF, Improvement and Major Maintenance funds causing a \$1,451,862 draw from the Tip Fee Stabilization Fund. After the distribution of March receipts, \$58,497,054 remained contingently due to the Tip Fee Stabilization Fund from CSWS.

CSWS Improvement & Major Maintenance Funds - These reports reflect budget versus actual funds advanced primarily to the operator of the Resource Recovery Facility for major maintenance and capital improvement projects approved monthly by the Authority. Actual costs initially reflect funds advanced which are subsequently adjusted when the project is completed. In March, the Authority advanced a \$1,641,769 from the Major Maintenance Fund to NAES primarily for Boiler 13 major outage and also for conveyors, building repairs, Boiler 12 and Auxiliary System work.

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.

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **March 31, 2021**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
<u>Member Towns</u>	\$ 2,990,787	\$ 3,202,451	\$ 211,664	7%	\$ 28,842,281	\$ 27,870,845	\$ (971,436)	-3%
<u>Other Contracts</u>	\$ 455,913	\$ 160,132	\$ (295,781)	-65%	\$ 4,103,213	\$ 2,493,058	\$ (1,610,155)	-39%
<u>Hauler - Direct</u>	\$ 476,969	\$ 191,358	\$ (285,611)	-60%	\$ 4,599,677	\$ 1,501,560	\$ (3,098,118)	-67%
<u>Hauler - TS</u>	\$ 134,530	\$ 42,823	\$ (91,707)	-68%	\$ 1,297,345	\$ 470,157	\$ (827,188)	-64%
<u>Spot Waste</u>	\$ -	\$ 44,001	\$ 44,001	#DIV/0!	\$ -	\$ 140,466	\$ 140,466	#DIV/0!
Bypass, Delivery & Other Charges	\$ 2,833	\$ (57,122)	\$ (59,955)	-2116%	\$ 8,500	\$ 23,747	\$ 15,247	179%
Member Service Fee	\$ 1,971	\$ 2,271	\$ 301	15%	\$ 19,095	\$ 20,275	\$ 1,180	6%
<u>Metal Sales & Excess Residue</u>	\$ 109,679	\$ 151,781	\$ 42,102	38%	\$ 989,271	\$ 903,501	\$ (85,770)	-9%
Bulky Waste	\$ 19,706	\$ 26,413	\$ 6,707	34%	\$ 185,557	\$ 204,430	\$ 18,872	10%
<u>Recycling Facility</u>	\$ 182,027	\$ 86,276	\$ (95,751)	-53%	\$ 1,896,533	\$ 1,165,917	\$ (730,616)	-39%
<u>Electricity Sales</u>	\$ 759,929	\$ 655,396	\$ (104,533)	-14%	\$ 7,984,051	\$ 6,058,343	\$ (1,925,708)	-24%
Other Energy Markets	\$ 535,388	\$ 236,751	\$ (298,637)	-56%	\$ 4,793,405	\$ 4,583,826	\$ (209,580)	-4%
Misc. (Interest, Fees, Other)	\$ 1,667	\$ 486,704	\$ 485,037	29096%	\$ 15,003	\$ 869,420	\$ 854,417	5695%
TOTAL ACCRUED REVENUES	\$ 5,671,399	\$ 5,229,235	\$ (442,164)	-7.8%	\$ 54,733,931	\$ 46,305,544	\$ (8,428,387)	-15.4%
EXPENDITURES								
Administrative Expenses	\$ 188,933	\$ 165,662	\$ 23,271	12%	\$ 1,786,449	\$ 1,556,889	\$ 229,560	13%
Operational & Contingent . Exp.	\$ 416,395	\$ 157,957	\$ 258,438	62%	\$ 3,866,019	\$ 4,076,629	\$ (210,610)	-5%
PILOTS & Fees	\$ 202,264	\$ 193,870	\$ 8,394	4%	\$ 1,884,524	\$ 1,761,844	\$ 122,680	7%
Waste Transport	\$ 1,039,297	\$ 750,617	\$ 288,680	28%	\$ 9,771,720	\$ 7,704,751	\$ 2,066,969	21%
Recycling Facility	\$ 79,837	\$ 542,325	\$ (462,488)	-579%	\$ 722,783	\$ 1,536,234	\$ (813,451)	-113%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 88,130	\$ 62,419	\$ 25,711	29%	\$ 847,845	\$ 732,348	\$ 115,497	14%
NAES Contract Operating Charges	\$ 2,178,351	\$ 2,385,004	\$ (206,653)	-9%	\$ 20,651,535	\$ 19,842,054	\$ 809,481	4%
NAES Contract Major Maint.	\$ 1,500,000	\$ 465,200	\$ 1,034,800	69%	\$ 4,500,000	\$ 1,622,345	\$ 2,877,655	64%
NAES On-Site Incentive Comp.	\$ 83,025	\$ 83,025	\$ -	0%	\$ 747,225	\$ 551,350	\$ 195,875	26%
NAES Management Fees	\$ 103,131	\$ 110,070	\$ (6,939)	-7%	\$ 928,179	\$ 817,607	\$ 110,572	12%
Transfer Station - Ellington	\$ 1,350	\$ 627	\$ 723	54%	\$ 15,450	\$ 10,639	\$ 4,811	31%
Transfer Station - Essex	\$ 65,539	\$ 65,728	\$ (189)	0%	\$ 591,401	\$ 567,677	\$ 23,724	4%
Transfer Station - Torrington	\$ 49,908	\$ 50,889	\$ (981)	-2%	\$ 450,722	\$ 427,790	\$ 22,932	5%
Transfer Station - Watertown	\$ 65,181	\$ 65,848	\$ (667)	-1%	\$ 588,179	\$ 559,648	\$ 28,531	5%
TOTAL ACCRUED EXPENDITURES	\$ 6,061,341	\$ 5,099,241	\$ 962,100	15.9%	\$ 47,352,031	\$ 41,767,805	\$ 5,584,226	11.8%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ (389,943)	\$ 129,994	\$ 519,936	-133%	\$ 7,381,901	\$ 4,537,739	\$ (2,844,161)	-39%
DISTRIBUTION OF CSWS OPERATING INCOME								
<u>Debt Service Fund</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>CSWS Improvement Fund</u>	\$ -	\$ 100,000	\$ 100,000	#DIV/0!	\$ 850,000	\$ 714,000	\$ (136,000)	-16%
<u>CSWS Major Maint. Fund</u>	\$ 1,500,000	\$ 1,000,000	\$ (500,000)	-33%	\$ 12,650,000	\$ 9,356,000	\$ (3,294,000)	-26%
<u>CSWS Risk Fund</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>CSWS Legal Reserve</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>MIRA Severance Reserve</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 1,500,000	\$ 1,100,000	\$ (400,000)	-27%	\$ 13,500,000	\$ 10,070,000	\$ (3,430,000)	-25%
SURPLUS / (DEFICIT)	\$ (1,889,943)	\$ (970,006)	\$ 919,936	-49%	\$ (6,118,099)	\$ (5,532,261)	\$ 585,839	-10%

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

[Narrative](#)

CSWS Electricity Production

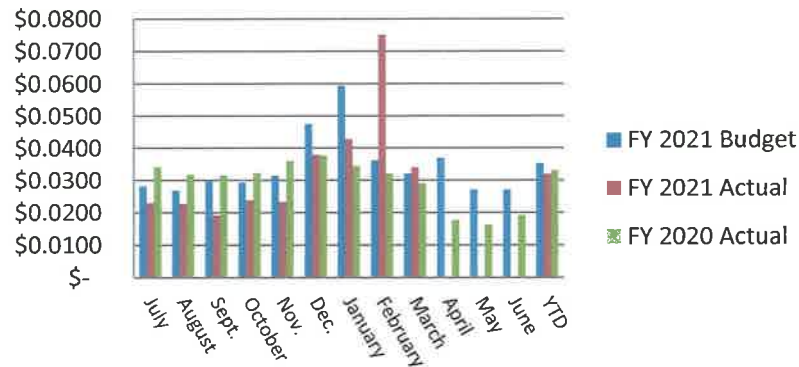
Period Ending:

March 31, 2021

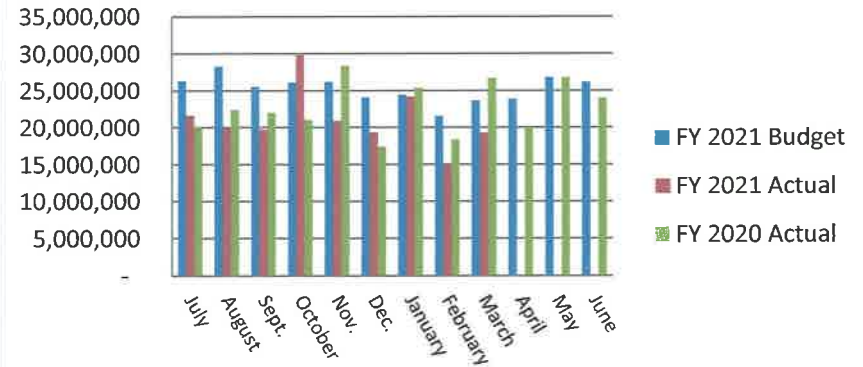
FY 2021	Price			Production			Generation Revenue		
	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0282	\$ 0.0229	\$ (0.0053)	26,332,645	21,684,510	(4,648,135)	\$ 742,581	\$ 497,263	\$ (245,318)
August	\$ 0.0268	\$ 0.0227	\$ (0.0041)	28,276,452	20,050,750	(8,225,702)	\$ 757,417	\$ 454,452	\$ (302,965)
Sept.	\$ 0.0299	\$ 0.0190	\$ (0.0109)	25,547,995	19,686,310	(5,861,685)	\$ 763,885	\$ 374,862	\$ (389,023)
October	\$ 0.0293	\$ 0.0237	\$ (0.0056)	26,119,629	29,816,480	3,696,851	\$ 765,305	\$ 706,608	\$ (58,697)
Nov.	\$ 0.0314	\$ 0.0232	\$ (0.0082)	26,186,242	20,886,330	(5,299,912)	\$ 822,248	\$ 485,268	\$ (336,980)
Dec.	\$ 0.0474	\$ 0.0379	\$ (0.0095)	24,072,244	19,307,580	(4,764,664)	\$ 1,141,024	\$ 731,742	\$ (409,282)
January	\$ 0.0594	\$ 0.0427	\$ (0.0167)	24,430,179	24,153,880	(276,299)	\$ 1,451,153	\$ 1,032,303	\$ (418,850)
February	\$ 0.0362	\$ 0.0750	\$ 0.0388	21,561,018	14,935,720	(6,625,298)	\$ 780,509	\$ 1,120,449	\$ 339,940
March	\$ 0.0321	\$ 0.0340	\$ 0.0019	23,660,530	19,259,400	(4,401,130)	\$ 759,929	\$ 655,396	\$ (104,533)
April	\$ 0.0370	\$ -	n/a	23,870,221		n/a	\$ 883,198		n/a
May	\$ 0.0271	\$ -	n/a	26,801,634		n/a	\$ 726,324		n/a
June	\$ 0.0271	\$ -	n/a	26,141,211		n/a	\$ 708,427		n/a
YTD	\$ 0.0353	\$ 0.0319	\$ (0.0034)	226,186,934	189,780,960	(36,405,974)	7,984,051	6,058,343	\$ (1,925,708)
YTD % Var.			-9.6%			-16.1%			-24.1%

Page 4 of 13 Pages

Price / KWh



Production (KWh)



Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

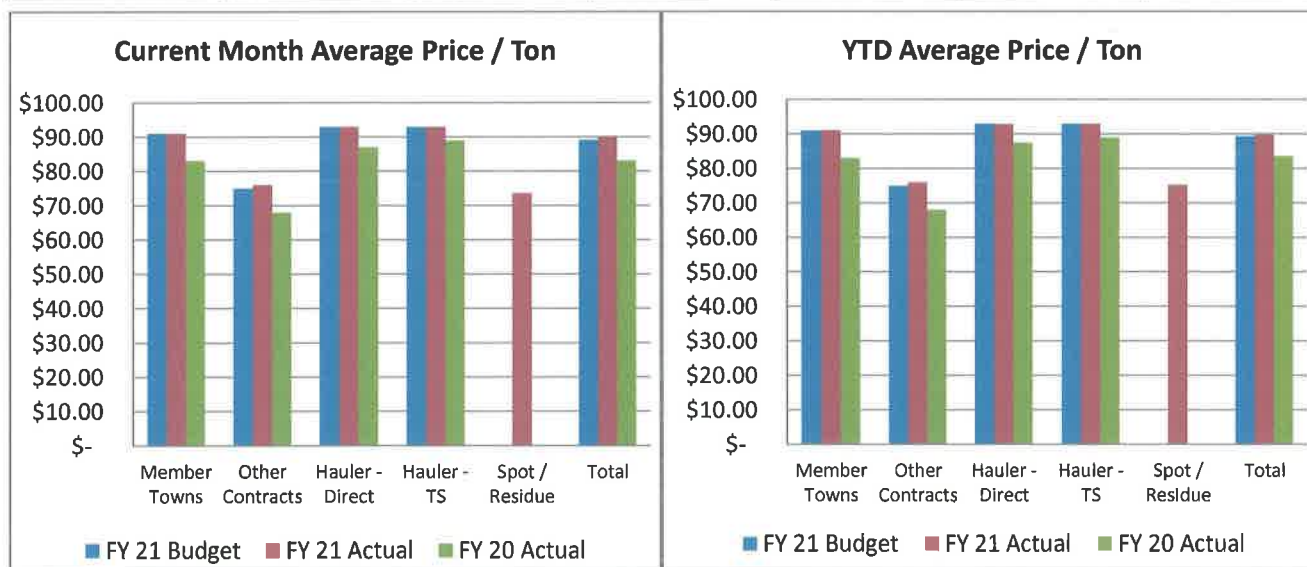
[Narrative](#)

CSWS Solid Waste Summary

Period Ending:

March 31, 2021

	Current Month			Year To Date		
FY 21 Budget	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	32,839	\$ 2,990,787	\$ 91.07	316,682	\$ 28,842,281	\$ 91.08
Other Contracts	6,079	\$ 455,913	\$ 75.00	54,710	\$ 4,103,213	\$ 75.00
Hauler - Direct	5,129	\$ 476,969	\$ 93.00	49,459	\$ 4,599,677	\$ 93.00
Hauler - TS	1,447	\$ 134,530	\$ 93.00	13,950	\$ 1,297,345	\$ 93.00
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	45,493	\$ 4,058,199	\$ 89.21	434,801	\$ 38,842,515	\$ 89.33
FY 21 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	35,162	\$ 3,202,451	\$ 91.08	306,003	\$ 27,870,845	\$ 91.08
Other Contracts	2,107	\$ 160,132	\$ 76.00	32,803	\$ 2,493,058	\$ 76.00
Hauler - Direct	2,058	\$ 191,358	\$ 93.00	16,162	\$ 1,501,560	\$ 92.91
Hauler - TS	460	\$ 42,823	\$ 93.00	5,055	\$ 470,157	\$ 93.00
Spot / Residue	598	\$ 44,001	\$ 73.56	1,867	\$ 140,466	\$ 75.22
Total	40,385	\$ 3,640,764	\$ 90.15	361,891	\$ 32,476,085	\$ 89.74
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	2,323	\$ 211,664	\$ 0.00	(10,679)	\$ (971,436)	\$ 0.00
Other Contracts	(3,972)	\$ (295,781)	\$ 1.00	(21,906)	\$ (1,610,155)	\$ 1.00
Hauler - Direct	(3,071)	\$ (285,611)	\$ -	(33,297)	\$ (3,098,118)	\$ (0.09)
Hauler - TS	(986)	\$ (91,707)	\$ -	(8,894)	\$ (827,188)	\$ -
Spot / Residue	598	\$ 44,001	\$ 73.56	1,867	\$ 140,466	\$ 75.22
Total	(5,108)	\$ (417,434)	\$ 0.95	(72,910)	\$ (6,366,431)	\$ 0.41
Total % Var.	-11.2%	-10.3%	1.1%	-16.8%	-16.4%	0.5%



CSWS Recycling Facility (Deliveries)

Period Ending:

March 31, 2021

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 95,628	\$ 25,670	\$ (69,958)	\$ 1,005,308	\$ 737,393	\$ (267,916)
FCR Export Revenue	\$ 1,408	\$ 55,063	\$ 53,655	\$ 14,248	\$ 127,626	\$ 113,379
Hauler - Direct Tip Fee	\$ 69,000	\$ 3,343	\$ (65,658)	\$ 690,000	\$ 162,488	\$ (527,512)
Hauler - TS Tip Fee	\$ 15,991	\$ 2,201	\$ (13,790)	\$ 186,977	\$ 138,410	\$ (48,567)
MSA without Recycling	n/a	n/a	n/a	\$ -	\$ -	n/a
Total	\$ 182,027	\$ 86,276	\$ (95,751)	\$ 1,896,533	\$ 1,165,917	\$ (730,616)
Total % Var.			-52.6%			-38.5%

Current Month Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Delivery Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	-	\$ 8.50	\$ -	-	\$ 7.50	\$ -	\$ -
Residential Single	5,054.40	\$ 8.50	\$ 42,962	833	\$ 7.50	\$ 6,248	\$ 49,210
Commercial	5.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	510	\$ 91.00	\$ 46,418	\$ 46,418
Total	5,059.40	\$ 8.49	\$ 42,962	1,343	\$ 39.21	\$ 52,666	\$ 95,628
Current Month Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	4,264.90	\$ -	\$ -	-	n/a	\$ -	\$ -
Commercial	13.95	\$ -	\$ -	-	n/a	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	428	\$ 60.00	\$ 25,670	\$ 25,670
Total	4,278.85	\$ -	\$ -	428	\$ 60.00	\$ 25,670	\$ 25,670
Current Month Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	(789.50)	(9)	(42,962)	(833)	n/a	(6,248)	\$ (49,210)
Commercial	8.95	-	-	-	n/a	-	\$ -
Total Paid Residue	n/a	n/a	n/a	(82)	(31)	(20,748)	\$ (20,748)
Total	(780.55)	\$ (8.49)	\$ (42,962)	(915)	(31)	\$ (26,996)	\$ (69,958)

Year To Date Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	-	\$ 8.50	\$ -	-	\$ 7.50	\$ -	\$ -
Residential Single	52,650.00	\$ 8.50	\$ 447,525	7,497	\$ 7.50	\$ 56,228	\$ 503,753
Commercial	40.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	5,512	\$ 91.00	\$ 501,556	\$ 501,556
Total	52,690.00	\$ 8.49	447,525.00	13,009	\$ 42.88	\$ 557,783	\$ 1,005,308
Year To Date Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	45,303.83	\$ 7.03	\$ 318,709	-	n/a	\$ -	\$ 318,709
Commercial	122.32	\$ -	\$ -	-	n/a	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	4,918	\$ 85.14	\$ 418,683	\$ 418,683
Total	45,426.15	\$ 7.02	318,709.29	4,918	\$ 85.14	\$ 418,683	\$ 737,393
Year To Date Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	(7,346.17)	(1)	(128,816)	(7,497)	n/a	(56,228)	\$ (185,043)
Commercial	82.32	-	-	-	n/a	-	\$ -
Total Paid Residue	n/a	n/a	n/a	(594)	(6)	(82,872)	\$ (82,872)
Total	(7,263.85)	(1.48)	(128,815.72)	(8,091)	\$ 42.26	\$ (139,100)	\$ (267,916)

CSWS Recycling Facility (Exports)

Period Ending:

March 31, 2021

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 95,628	\$ 25,670	\$ (69,958)	\$ 1,005,308	\$ 737,393	\$ (267,916)
FCR Export Revenue	\$ 1,408	\$ 55,063	\$ 53,655	\$ 14,248	\$ 127,626	\$ 113,379
Hauler - Direct Tip Fee	\$ 69,000	\$ 3,343	\$ (65,658)	\$ 690,000	\$ 162,488	\$ (527,512)
Hauler - TS Tip Fee	\$ 15,991	\$ 2,201	\$ (13,790)	\$ 186,977	\$ 138,410	\$ (48,567)
MSA without Recycling	n/a	n/a	n/a	\$ -	\$ -	n/a
Total	\$ 182,027	\$ 86,276	\$ (95,751)	\$ 1,896,533	\$ 1,165,917	\$ (730,616)
Total % Var.			-52.6%			-38.5%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	2,213.96	\$ -	\$ -	154	\$ -	\$ -	\$ -
Residential OCC	680.43	\$ -	\$ -	477	\$ -	\$ -	\$ -
Residential Containers	1,407.66	\$ 1.00	\$ 1,408	92	\$ -	\$ -	\$ 1,408
Commercial	5.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	4,307.05	\$ 0.33	\$ 1,408	723	\$ -	\$ -	\$ 1,408
Current Month Actual							
Residential ONP	1,660.72	\$ -	\$ -	-	n/a	\$ -	\$ -
Residential OCC	494.24	\$ 14.00	\$ 6,919	-	n/a	\$ -	\$ 6,919
Residential Containers	1,207.46	\$ 39.56	\$ 47,766	-	n/a	\$ -	\$ 47,766
Commercial	13.95	\$ 27.04	\$ 377	-	n/a	\$ -	\$ 377
Total	3,376.37	\$ 16.31	\$ 55,063	-	n/a	\$ -	\$ 55,063
Current Month Variance							
Residential ONP	(553.24)	\$ -	\$ -	(154)	n/a	\$ -	\$ -
Residential OCC	(186.19)	\$ 14.00	\$ 6,919	(477)	n/a	\$ -	\$ 6,919
Residential Containers	(200.20)	\$ 38.56	\$ 46,358	(92)	n/a	\$ -	\$ 46,358
Commercial	8.95	\$ 27.04	\$ 377	-	n/a	\$ -	\$ 377
Total	(930.68)	\$ 15.98	\$ 53,655	(723)	n/a	\$ -	\$ 53,655

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	23,168.62	\$ -	\$ -	1,386	\$ -	\$ -	\$ -
Residential OCC	7,899.32	\$ -	\$ -	4,293	\$ -	\$ -	\$ -
Residential Containers	14,247.85	\$ 1.00	\$ 14,248	828	\$ -	\$ -	\$ 14,248
Commercial	40.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	45,355.79	\$ 0.31	\$ 14,248	6,507	\$ -	\$ -	\$ 14,248
Year To Date Actual							
Residential ONP	16,067.33	\$ -	\$ -	-	n/a	\$ -	\$ -
Residential OCC	3,159.67	\$ (16.30)	\$ (51,489)	-	n/a	\$ -	\$ (51,489)
Residential Containers	11,949.73	\$ 15.05	\$ 179,844	-	n/a	\$ -	\$ 179,844
Commercial	122.32	\$ (5.96)	\$ (729)	-	n/a	\$ -	\$ (729)
Total	31,299.05	\$ 4.08	\$ 127,626	-	n/a	\$ -	\$ 127,626
Year To Date Variance							
Residential ONP	(7,101.29)	\$ -	\$ -	(1,386)	n/a	\$ -	\$ -
Residential OCC	(4,739.65)	\$ (16.30)	\$ (51,489)	(4,293)	n/a	\$ -	\$ (51,489)
Residential Containers	(2,298.12)	\$ 14.05	\$ 165,597	(828)	n/a	\$ -	\$ 165,597
Commercial	82.32	\$ (5.96)	\$ (729)	-	n/a	\$ -	\$ (729)
Total	(14,056.74)	\$ 3.76	\$ 113,379	(6,507)	n/a	\$ -	\$ 113,379

Period Ending: **March 31, 2021**

Metal Sales

FY 2021	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,555.00	106,325.00	\$ 68.38	1,392.64	\$ 48,077	\$ 34.52	(162.36)	\$ (58,248)	\$ (33.85)
August	1,555.00	106,325.00	\$ 68.38	1,254.57	\$ 55,938	\$ 44.59	(300.43)	\$ (50,387)	\$ (23.79)
September	1,555.00	106,325.00	\$ 68.38	1,295.53	\$ 81,470	\$ 62.89	(259.47)	\$ (24,855)	\$ (5.49)
October	1,555.00	106,325.00	\$ 68.38	1,357.35	\$ 75,681	\$ 55.76	(197.65)	\$ (30,644)	\$ (12.62)
November	1,555.00	106,325.00	\$ 68.38	1,693.95	\$ 91,118	\$ 53.79	138.95	\$ (15,207)	\$ (14.59)
December	1,555.00	106,325.00	\$ 68.38	1,264.25	\$ 102,503	\$ 81.08	(290.75)	\$ (3,822)	\$ 12.70
January	1,555.00	106,325.00	\$ 68.38	1,617.10	\$ 180,331	\$ 111.51	62.10	\$ 74,006	\$ 43.14
February	1,555.00	106,325.00	\$ 68.38	956.30	\$ 90,001	\$ 94.11	(598.70)	\$ (16,324)	\$ 25.74
March	1,555.00	106,325.00	\$ 68.38	1,320.83	\$ 151,567	\$ 114.75	(234.17)	\$ 45,242	\$ 46.37
April	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
May	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
June	1,555.00	106,325.00	\$ 68.38	-	\$ -	n/a	n/a	n/a	n/a
YTD	13,995.00	\$ 956,925	\$ 68.38	12,152.52	\$ 876,686	\$ 72.14	(1,842.48)	\$ (80,239)	\$ 3.76

Excess Ferrous Residue

FY 2021	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	94.75	\$ 3,790	\$ 40.00	110.59	\$ 4,424	\$ 40.00	15.84	633.78	\$ -
August	102.70	\$ 4,108	\$ 40.00	68.46	\$ 2,738	\$ 40.00	(34.24)	(1,369.48)	\$ -
September	91.53	\$ 3,661	\$ 40.00	83.15	\$ 3,326	\$ 40.00	(8.38)	(335.31)	\$ -
October	93.92	\$ 3,757	\$ 40.00	90.16	\$ 3,606	\$ 40.00	(3.76)	(150.57)	\$ -
November	94.16	\$ 3,766	\$ 40.00	98.96	\$ 3,958	\$ 40.00	4.80	192.05	\$ -
December	85.51	\$ 3,420	\$ 40.00	136.06	\$ 5,442	\$ 40.00	50.55	2,021.98	\$ -
January	86.99	\$ 3,479	\$ 40.00	-	\$ -	n/a	(86.99)	(3,479.42)	#VALUE!
February	75.24	\$ 3,010	\$ 40.00	77.64	\$ 3,106	\$ 40.00	2.40	95.95	\$ -
March	83.85	\$ 3,354	\$ 40.00	5.36	\$ 214	\$ 40.00	(78.49)	(3,139.75)	\$ (0.00)
April	84.72	\$ 3,389	\$ 40.00			n/a			
May	96.66	\$ 3,866	\$ 40.00			n/a			
June	93.57	\$ 3,743	\$ 40.00			n/a			
YTD	808.65	\$ 32,346	\$ 40.00	670.38	\$ 26,815	\$ 40.00	(138.27)	\$ (5,531)	-

Total Metal Sales and Excess Residue

FY 2021	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,649.75	110,115	\$ 66.75	1,503.23	52,500.62	\$ 34.93	(146.52)	(57,614.20)	(31.82)
August	1,657.70	110,433	\$ 66.62	1,323.03	58,676.40	\$ 44.35	(334.67)	(51,756.48)	(22.27)
September	1,646.53	109,986	\$ 66.80	1,378.68	84,796.37	\$ 61.51	(267.85)	(25,189.94)	(5.29)
October	1,648.92	110,082	\$ 66.76	1,447.51	79,287.55	\$ 54.78	(201.41)	(30,794.42)	(11.98)
November	1,649.16	110,091	\$ 66.76	1,792.91	95,076.28	\$ 53.03	143.75	(15,015.07)	(13.73)
December	1,640.51	109,745	\$ 66.90	1,400.31	107,945.85	\$ 77.09	(240.20)	(1,799.57)	10.19
January	1,641.99	109,804	\$ 66.87	1,617.10	180,330.60	\$ 111.51	(24.89)	70,526.18	44.64
February	1,630.24	109,335	\$ 67.07	1,033.94	93,106.47	\$ 90.05	(596.30)	(16,228.18)	22.98
March	1,638.85	109,679	\$ 66.92	1,326.19	151,781.12	\$ 114.45	(312.66)	42,101.97	47.52
April	1,639.72	109,714	\$ 66.91	-	-	n/a			
May	1,651.66	110,191	\$ 66.72	-	-	n/a			
June	1,648.57	110,068	\$ 66.77	-	-	n/a			
YTD	14,803.65	\$ 989,271	\$ 66.83	12,822.90	\$ 903,501	\$ 70.46	(1,980.75)	\$ (85,770)	3.63

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **March 31, 2021**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Jets Electric:								
Capacity Payments	\$ 786,567	\$ 803,770	\$ 17,203	2.2%	\$ 7,079,655	\$ 7,140,650	\$ 60,995	0.9%
VARs Payments	\$ 3,259	\$ 3,061	\$ (198)	-6.1%	\$ 29,331	\$ 28,761	\$ (570)	-1.9%
Reserve Credits	\$ 50,000	\$ (10)	\$ (50,010)	-100.0%	\$ 450,000	\$ 231,197	\$ (218,803)	-48.6%
Real Time Energy	\$ 16,667	\$ -	\$ (16,667)	n/a	\$ 150,003	\$ 386,195	\$ 236,192	157.5%
Total Jets Electric	\$ 856,493	\$ 806,821	\$ (49,672)	-5.8%	\$ 7,708,989	\$ 7,786,803	\$ 77,814	1.0%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 1,664	\$ -	0.0%	\$ 14,974	\$ 14,974	\$ -	0.0%
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ -	0.0%	\$ 342,712	\$ 342,712	\$ -	0.0%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,350	\$ 45,350	\$ -	0.0%
Total Lease Income	\$ 39,743	\$ 39,743	\$ -	0.0%	\$ 403,035	\$ 403,035	\$ -	0.0%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ 75,000	\$ 5,960	\$ (69,040)	-92.1%	\$ 225,000	\$ 15,590	\$ (209,410)	-93.1%
TOTAL ACCRUED REVENUES	\$ 971,236	\$ 852,524	\$ (118,712)	-12.2%	\$ 8,337,024	\$ 8,205,428	\$ (131,596)	-1.6%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 22,847	\$ 112	\$ 22,735	99.5%	\$ 217,520	\$ 464,701	\$ (247,181)	-113.6%
MIRA Allocated Costs	\$ 63,762	\$ 54,234	\$ 9,528	14.9%	\$ 615,610	\$ 564,169	\$ 51,441	8.4%
Railroad Maintenance	\$ -	\$ -	\$ -	n/a	\$ 10,500	\$ 10,050	\$ 450	4.3%
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
1410 Honey Spot Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
171 Murphy Road	\$ 2,252	\$ 1,336	\$ 916	40.7%	\$ 20,268	\$ 11,169	\$ 9,099	44.9%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 167,679	\$ 101,563	\$ 66,116	39.4%	\$ 1,541,111	\$ 760,175	\$ 780,936	50.7%
TOTAL ACCRUED EXPENDITURES	\$ 256,540	\$ 157,245	\$ 99,295	38.7%	\$ 2,405,009	\$ 1,810,264	\$ 594,745	24.7%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 714,696	\$ 695,279	\$ (19,417)	-2.7%	\$ 5,932,015	\$ 6,395,164	\$ 463,149	7.8%
DISTRIBUTION OF PD OPERATING INCOME								
General Fund	\$ 714,696	\$ -	\$ (714,696)	n/a	\$ 932,015	\$ -	\$ (932,015)	n/a
MIRA Severance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Major Maintenance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 714,696	\$ -	\$ (714,696)	n/a	\$ 932,015	\$ -	\$ (932,015)	n/a
SURPLUS / (DEFICIT)								
	\$ (0)	\$ 695,279	\$ 695,279	#####	\$ 5,000,000	\$ 6,395,164	\$ 1,395,164	27.9%

Property Division and CSWS Flow of Funds

Period Ending: **March 31, 2021**
Transfer Date: **April 7, 2021**
Funding: **May 2021**

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 804,098.12		\$ 804,098.12	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund	\$ 2,326,723.31	\$ 375.64	\$ 141,593.09		\$ 281,772.36	\$ 2,467,278.22
PD General Fund	\$ 11,060,771.45	\$ 1,209.86				\$ 11,061,981.31
PD Improvement Fund	\$ 259,515.05					\$ 259,515.05
Jets Major Maintenance	\$ 964,000.00					\$ 964,000.00
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 522,325.76	Combined Below
Total	\$ 14,611,009.81	\$ 1,585.50	\$ 141,593.09	\$ -	\$ 804,098.12	\$ 14,752,774.58
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 3,978,411.72		\$ 3,978,411.72	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF	\$ 5,774,483.56	\$ 442.31	\$ 3,683,162.54		\$ 5,007,273.79	\$ 7,099,037.12
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
General Fund	\$ 1,100.93	\$ 0.04				\$ 1,100.97
CSWS Risk Fund	\$ 896,922.53	\$ 98.09				\$ 897,020.62
CSWS Legal Fund	\$ 638,939.46	\$ 69.91				\$ 639,009.37
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below				\$ 423,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (1,451,862.07)	Combined Below
Total	\$ 7,315,321.49	\$ 610.35	\$ 3,683,162.54	\$ -	\$ 3,978,411.72	\$ 8,640,043.09
Combined						
Severance Fund	\$ 2,540,633.96	\$ 277.90			\$ -	\$ 2,540,911.86
CSWS Improvement Fund	\$ 207,138.41			\$ -	\$ -	\$ 207,138.41
CSWS Major Maintenance	\$ 3,673,723.48	\$ 299.16	\$ 1,641,768.60	\$ -	\$ 423,000.00	\$ 2,455,254.04
CSWS Tip Fee Stabilization	\$ 1,407,692.69	\$ 182.60		\$ -	\$ (929,536.31)	\$ 478,338.98
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 1,094,034.90		\$ 241,185.01	\$ 219,124.00		\$ 1,116,095.91
Hartford Solar Reserve	\$ 334,869.06	\$ 36.62				\$ 334,905.68
Pollution Insurance Reserve	\$ -					\$ -
Landfill Operating Account	\$ 2,075,320.57			\$ 41,630.38		\$ 2,033,690.19

Mark T. Daley, Chief Financial Officer

Ending balances include the fund transfers represented on this flow of funds as a distribution. Excludes receipt of customer security deposits / guarantees of payment and Mid-Connecticut reserves not subject to disbursement or funding in accordance with adopted flow of funds. An additional \$188,388.10 was contributed to the CSWS Operating STIF account which was short funded earlier in the year due to a shortfall from cash receipts and a lack of unencumbered funds in the CSWS Tip Fee Stabilization reserve. YTD the CSWS Operating Fund has been short funded by \$3,726,870.45. At the beginning of January 2021, CSWS received \$3,630,000.00 in prepaid tip fees from waste haulers. This revenue flowed to the CSWS Operating STIF account and was used to reimburse the Tip Fee Stabilization Fund. As of March 31, 2021, \$3,151,661.02 in prepaid tip fees have been applied to pay customer invoices and \$478,338.98 remained available on customer accounts. After the distribution of March receipts, \$58,497,054.23 remained due to the Tip Fee Stabilization Fund from CSWS. YTD \$6,462,250.04 has been contributed to the CSWS Tip Fee Stabilization reserve.

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report
CSWS Improvement Fund Status

Narrative

Period Ending: 03/31/21

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ -	\$ -	\$ -	\$ 800,000	\$ 164,608	\$ 635,392
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ -	\$ -	\$ 800,000	\$ 164,608	\$ 635,392
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ 262,681	\$ (262,681)
Turbine 6	\$ -	\$ -	\$ -	\$ 50,000	\$ 244,815	\$ (194,815)
Baghouse	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auxiliary Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ -	\$ -	\$ 50,000	\$ 507,496	\$ (457,496)
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS IMPROVEMENT FUND	\$ -	\$ -	\$ -	\$ 850,000	\$ 672,104	\$ 177,896

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report
CSWS Major Maintenance Fund Status

Narrative

Period Ending: 03/31/21

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ (1,180)	\$ 1,180
Conveyors	\$ 105,000	\$ 105,000	\$ -	\$ 825,000	\$ 373,953	\$ 451,047
MSW / RDF Tip Floor Repairs	\$ 200,000	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000
Building Repairs	\$ -	\$ 147,962	\$ (147,962)	\$ 90,000	\$ 147,962	\$ (57,962)
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ 90,676	\$ (90,676)
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ 305,000	\$ 252,962	\$ 52,038	\$ 1,215,000	\$ 611,411	\$ 603,589
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ -	\$ -	\$ 3,115,000	\$ 2,797,280	\$ 317,720
Boiler 12	\$ -	\$ 200,000	\$ (200,000)	\$ 2,145,000	\$ 1,876,335	\$ 268,665
Boiler 13	\$ 2,895,000	\$ 1,138,137	\$ 1,756,863	\$ 3,145,000	\$ 1,787,577	\$ 1,357,423
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ 75,000	\$ -	\$ 75,000	\$ 1,484,000	\$ 727,883	\$ 756,117
Auxiliary Systems	\$ 790,000	\$ 50,670	\$ 739,330	\$ 1,400,000	\$ 181,684	\$ 1,218,316
Building Repairs	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Roof Repairs	\$ -	\$ -	\$ -	\$ 150,000	\$ 133,463	\$ 16,537
Site Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ 40,000	\$ 10,000
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ 3,760,000	\$ 1,388,807	\$ 2,371,193	\$ 11,739,000	\$ 7,544,221	\$ 4,194,779
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watertown	\$ -	\$ -	\$ -	\$ -	\$ 91,295	\$ (91,295)
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ 91,295	\$ (91,295)
TOTAL CSWS MAJOR MAINTENANCE FUND	\$ 4,065,000	\$ 1,641,769	\$ 2,423,231	\$ 12,954,000	\$ 8,246,928	\$ 4,707,072

Materials Innovation and Recycling Authority
FY 2021 Board of Directors Financial Report

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Segmented Income Statement

Period Ending: March 31, 2021

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges:								
Members	\$ -	\$ 27,871	\$ -	\$ -	\$ -			\$ 27,871
Others	-	4,652	-	-	-			4,652
Energy sales	-	10,642	-	-	7,787	106		18,535
Other operating revenues	-	2,291	-	-	403	10		2,704
Total Operating Revenues	-	45,456	-	-	8,190	116	-	53,762
Operating Expenses								
Solid waste operations	-	37,825	-	-	1,457	87	(170)	39,199
Maintenance and utilities	-	8,803	-	-	78	-		8,881
Legal services - external	-	576	-	-	-	-		576
Administrative and Operational services	41	2,580	-	-	555	47		3,223
Total Operating Expenses	41	49,784	-	-	2,090	134	(170)	51,879
Operating Income (Loss) before Depreciation and Amortization	(41)	(4,328)	-	-	6,100	(18)	170	1,883
Depreciation and amortization	10	-	-	-	10,535	103	0	10,648
Operating Income (Loss)	(51)	(4,328)	-	-	(4,435)	(121)	170	(8,765)
Non-Operating Revenues (Expenses)								
Investment income	-	5	-	-	16	-	-	21
Settlement income (expenses)	-	(455)	-	-	-	-	-	(455)
Other income (expenses)	1	-	-	-	(134)	-	-	(133)
Distribution to SCRRRA	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses), net	1	(450)	-	-	(118)	-	-	(567)
Income (Loss) before Transfers	(50)	(4,778)	-	-	(4,553)	(121)	170	(9,332)
Transfers in (out)	100	3,516	-	-	(3,616)	-	(170)	(170)
Change in Net Position	50	(1,262)	-	-	(8,169)	(121)	-	(9,502)
Total Net Position, beginning of period	3,375	(4,319)	23	-	67,687	20,752	-	87,518
Total Net Position, end of period	\$ 3,425	\$ (5,581)	\$ 23	\$ -	\$ 59,518	\$ 20,631	\$ -	\$ 78,016
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves	-	8,247	20	-	(45)	-		8,222
Add: Amortization	10	-	-	-	10,535	103	-	10,648
less: GAAP Exp (Deferred for Budget)	-	-	-	-	134	-		134
add: Spare parts and fuel inventory adjustment	-	(231)	-	-	324	-		93
add: Capitalized expenses net of asset disposals	-	-	-	-	-	-		-
add: Settlement Income	-	1,300	-	-	-	-		1,300
Other	-	-	-	-	-	-		-
Operating Income (Loss) per Variance report	n/a	4,538	n/a	n/a	6,395	n/a	n/a	10,933

ties with CSWS financials tab

ties with PD financials tab

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

Note: Eliminations and depreciation are preliminary amounts.

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

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending March 31, 2021

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
Authority Budget								
Personnel Services (a)	\$ 196,547	\$ 180,528	\$ 16,019	8.15%	\$ 1,872,101	\$ 1,608,874	\$ 263,227	14.06%
Non-Personnel Services	\$ 53,183	\$ 39,467	\$ 13,716	25.79%	\$ 499,211	\$ 452,622	\$ 46,589	9.33%
Total Authority Budget	\$ 249,730	\$ 219,995	\$ 29,735	11.91%	\$ 2,371,312	\$ 2,061,496	\$ 309,816	13.07%
LESS: STIF Interest Income	\$ -	\$ 871	\$ (871)	100.00%	\$ -	\$ 2,174	\$ (2,174)	100.00%
TOTAL AUTHORITY BUDGET ALLOCATED	\$ 249,730	\$ 219,124	\$ 30,606	12.26%	\$ 2,371,312	\$ 2,059,321	\$ 311,991	13.16%
Authority Budget Allocation								
Landfill Division (2.515%)	\$ 6,285	\$ 5,511	\$ 774	12.32%	\$ 59,427	\$ 51,792	\$ 7,635	12.85%
Property Division (21.883%)	\$ 54,511	\$ 47,951	\$ 6,560	12.03%	\$ 525,428	\$ 450,641	\$ 74,787	14.23%
CSWS Division (75.602%)	\$ 188,934	\$ 165,662	\$ 23,272	12.32%	\$ 1,786,457	\$ 1,556,888	\$ 229,569	12.85%
TOTAL AUTHORITY BUDGET ALLOCATED	\$ 249,730	\$ 219,124	\$ 30,606	12.26%	\$ 2,371,312	\$ 2,059,321	\$ 311,991	13.16%
MIRA Direct Personnel								
Landfill Division	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Property Division	\$ 9,251	\$ 6,283	\$ 2,968	32.08%	\$ 90,182	\$ 113,528	\$ (23,346)	-25.89%
CSWS Division	\$ 124,247	\$ 112,100	\$ 12,147	9.78%	\$ 1,179,541	\$ 1,197,489	\$ (17,948)	-1.52%
TOTAL MIRA DIRECT	\$ 133,498	\$ 118,383	\$ 15,115	11.32%	\$ 1,269,723	\$ 1,311,017	\$ (41,294)	-3.25%
Total Allocation								
Landfill Division (1.807%)	\$ 6,285	\$ 5,511	\$ 774	12.32%	\$ 59,427	\$ 51,792	\$ 7,635	12.85%
Property Division (15.617%)	\$ 63,762	\$ 54,234	\$ 9,528	14.94%	\$ 615,610	\$ 564,169	\$ 51,441	8.36%
CSWS Division (82.576%)	\$ 313,181	\$ 277,762	\$ 35,419	11.31%	\$ 2,965,998	\$ 2,754,377	\$ 211,621	7.13%
TOTAL AUTHORITY & MIRA DIRECT	\$ 383,228	\$ 337,507	\$ 45,721	11.93%	\$ 3,641,035	\$ 3,370,338	\$ 270,697	7.43%
TOTAL RESOURCE REDISCOVERY *	\$ -	\$ -	\$ -	100.00%	\$ -	\$ (316)	\$ 316	100.00%
BALANCE	\$ -	\$ -	\$ -		\$ -	\$ -	\$ (0)	

YTD VARIANCE EXPLANATION

- (a) Favorable due to lower than budgeted direct and indirect labor & benefits allocation related to the following:
- restructuring of positions, reduction in headcount, and an employee who is on medical leave and receiving disability compensation;
 - reversal of accrued FY20 Payroll of approximately \$23k; and
 - timing of Broker payments related to health and 401K benefits.

* Reflects legal fees related to the Resource Rediscovery Plan.

FY 2022
Budget Spread

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

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **June 30, 2022**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Member Towns	\$ 4,384,001	\$ -	\$ (4,384,001)	n/a	\$ 46,557,590	\$ -	\$ (46,557,590)	n/a
Other Contracts	\$ 116,529	\$ -	\$ (116,529)	n/a	\$ 1,398,813	\$ -	\$ (1,398,813)	n/a
Hauler - Direct	\$ 201,373	\$ -	\$ (201,373)	n/a	\$ 1,977,271	\$ -	\$ (1,977,271)	n/a
Hauler - TS	\$ 89,665	\$ -	\$ (89,665)	n/a	\$ 952,229	\$ -	\$ (952,229)	n/a
Spot Waste	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Bypass, Delivery & Other Charges	\$ 1,700	\$ -	\$ (1,700)	n/a	\$ 1,700	\$ -	\$ (1,700)	n/a
Member Service Fee	\$ 2,637	\$ -	\$ (2,637)	n/a	\$ 28,000	\$ -	\$ (28,000)	n/a
Metal Sales & Excess Residue	\$ 5,708	\$ -	\$ (5,708)	n/a	\$ 68,500	\$ -	\$ (68,500)	n/a
Bulky Waste	\$ 20,400	\$ -	\$ (20,400)	n/a	\$ 246,000	\$ -	\$ (246,000)	n/a
Recycling Facility	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Electricity Sales	\$ 512,781	\$ -	\$ (512,781)	n/a	\$ 8,284,500	\$ -	\$ (8,284,500)	n/a
Other Energy Markets	\$ 1,002,315	\$ -	\$ (1,002,315)	n/a	\$ 4,927,596	\$ -	\$ (4,927,596)	n/a
Misc. (Interest, Fees, Other)	\$ 2,266	\$ -	\$ (2,266)	n/a	\$ 22,400	\$ -	\$ (22,400)	n/a
TOTAL ACCRUED REVENUES	\$ 6,339,374	\$ -	\$ (6,339,374)	n/a	\$ 64,464,599	\$ -	\$ (64,464,599)	n/a
EXPENDITURES								
Administrative Expenses	\$ 245,965	\$ -	\$ 245,965	n/a	\$ 2,482,915	\$ -	\$ 2,482,915	n/a
Operational & Contingent . Exp.	\$ 220,429	\$ -	\$ 220,429	n/a	\$ 2,813,929	\$ -	\$ 2,813,929	n/a
PILOTs & Fees	\$ 196,781	\$ -	\$ 196,781	n/a	\$ 2,365,091	\$ -	\$ 2,365,091	n/a
Waste Transport	\$ 1,179,095	\$ -	\$ 1,179,095	n/a	\$ 12,612,312	\$ -	\$ 12,612,312	n/a
Recycling Facility	\$ 636,180	\$ -	\$ 636,180	n/a	\$ 7,132,460	\$ -	\$ 7,132,460	n/a
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 442,214	\$ -	\$ 442,214	n/a	\$ 1,431,265	\$ -	\$ 1,431,265	n/a
NAES Contract Operating Charges	\$ 2,472,326	\$ -	\$ 2,472,326	n/a	\$ 30,409,529	\$ -	\$ 30,409,529	n/a
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ 2,700,000	\$ -	\$ 2,700,000	n/a
NAES On-Site Incentive Comp.	\$ 86,333	\$ -	\$ 86,333	n/a	\$ 1,035,919	\$ -	\$ 1,035,919	n/a
NAES Management Fees	\$ 104,812	\$ -	\$ 104,812	n/a	\$ 1,257,810	\$ -	\$ 1,257,810	n/a
Transfer Station - Ellington	\$ 1,149	\$ -	\$ 1,149	n/a	\$ 16,200	\$ -	\$ 16,200	n/a
Transfer Station - Essex	\$ 65,736	\$ -	\$ 65,736	n/a	\$ 790,283	\$ -	\$ 790,283	n/a
Transfer Station - Torrington	\$ 50,143	\$ -	\$ 50,143	n/a	\$ 603,211	\$ -	\$ 603,211	n/a
Transfer Station - Watertown	\$ 65,574	\$ -	\$ 65,574	n/a	\$ 788,383	\$ -	\$ 788,383	n/a
TOTAL ACCRUED EXPENDITURES	\$ 5,766,737	\$ -	\$ 5,766,737	n/a	\$ 66,439,307	\$ -	\$ 66,439,307	n/a
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 572,637	\$ -	\$ (572,637)	n/a	\$ (1,974,708)	\$ -	\$ 1,974,708	n/a
DISTRIBUTION OF CSWS OPERATING INCOME								
Debt Service Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ 100,000	\$ -	\$ (100,000)	n/a
CSWS Major Maint. Fund	\$ -	\$ -	\$ -	n/a	\$ 5,305,000	\$ -	\$ (5,305,000)	n/a
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ -	\$ -	\$ -	n/a	\$ 5,405,000	\$ -	\$ (5,405,000)	n/a
SURPLUS / (DEFICIT)	\$ 572,637	\$ -	\$ (572,637)	n/a	\$ (7,379,708)	\$ -	\$ 7,379,708	n/a

Materials Innovation and Recycling Authority						
FY 2022 Board of Directors Financial Report						
Period Ending:	June 30, 2022					
CSWS Monthly Spread	Budget					
REVENUES	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21
Service Charges Solid Waste-Participating Towns	\$ 4,060,496	\$ 3,576,495	\$ 3,698,415	\$ 3,912,649	\$ 3,619,647	\$ 3,808,492
Service Charges Solid Waste- Other Contract	\$ 116,622	\$ 116,622	\$ 116,622	\$ 116,622	\$ 116,622	\$ 116,529
Service Charges Solid Waste-Hauler Direct	\$ 177,821	\$ 142,724	\$ 151,565	\$ 167,100	\$ 145,854	\$ 159,641
Service Charges Solid Waste-Hauler TS	\$ 83,048	\$ 73,149	\$ 75,643	\$ 80,024	\$ 74,032	\$ 77,894
Service Charges Solid Waste - Spot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bypass, Delivery & Other Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Member Service Fee	2,442	2,151	2,224	2,353	2,177	2,290
Metal Sales & Excess Ferrous Residue	\$ 5,708	\$ 5,708	\$ 5,708	\$ 5,708	\$ 5,708	\$ 5,708
Municipal Bulky Waste & Mattresses/Box Spring	\$ 20,550	\$ 20,550	\$ 20,550	\$ 20,550	\$ 20,550	\$ 20,550
Recycling Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electricity-Kwh Sold	\$ 848,167	\$ 685,759	\$ 713,124	\$ 773,238	\$ 796,000	\$ 876,170
Electricity-Capacity Payment & Energy Credits	\$ 141,250	\$ 141,250	\$ 926,068	\$ 141,250	\$ 141,250	\$ 926,391
Misc. (Interest, Fees, Other)	\$ 1,667	\$ 1,667	\$ 2,267	\$ 1,667	\$ 1,667	\$ 2,267
TOTAL ACCRUED REVENUES	\$ 5,457,772	\$ 4,766,076	\$ 5,712,186	\$ 5,221,163	\$ 4,923,506	\$ 5,995,932
EXPENDITURES						
Administrative Expenses	\$ 189,230	\$ 189,230	\$ 189,230	\$ 262,361	\$ 189,230	\$ 189,230
Operational & Contingent Exp.	\$ 221,112	\$ 220,412	\$ 220,412	\$ 276,294	\$ 220,412	\$ 220,412
Assessment, Fees, Subsidies, and PILOTS	\$ 211,911	\$ 196,384	\$ 195,891	\$ 195,965	\$ 195,490	\$ 195,910
Waste Transport	\$ 1,112,245	\$ 998,920	\$ 1,013,008	\$ 1,061,315	\$ 986,506	\$ 1,045,913
Recycling Facility	\$ 634,116	\$ 598,236	\$ 572,932	\$ 610,888	\$ 572,932	\$ 629,866
Murphy Road Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MIRA Facilities Operating Exp.	\$ 121,891	\$ 86,716	\$ 86,716	\$ 86,716	\$ 86,716	\$ 86,716
NAES Contract Operating Charges	\$ 2,423,200	\$ 2,464,110	\$ 2,351,605	\$ 2,827,454	\$ 2,740,255	\$ 2,388,928
NAES Contract Major Maint.	\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000	\$ -
NAES On-Site Incentive Comp.	\$ 86,326	\$ 86,326	\$ 86,326	\$ 86,326	\$ 86,326	\$ 86,326
NAES Management Fees	\$ 104,818	\$ 104,818	\$ 104,818	\$ 104,818	\$ 104,818	\$ 104,818
Transfer Station - Ellington	\$ 3,641	\$ 1,141	\$ 1,141	\$ 1,141	\$ 1,141	\$ 1,141
Transfer Station - Essex	\$ 67,277	\$ 65,727	\$ 65,727	\$ 65,727	\$ 65,727	\$ 65,727
Transfer Station - Torrington	\$ 51,688	\$ 50,138	\$ 50,138	\$ 50,138	\$ 50,138	\$ 50,138
Transfer Station - Watertown	\$ 67,119	\$ 65,569	\$ 65,569	\$ 65,569	\$ 65,569	\$ 65,569
TOTAL ACCRUED EXPENDITURES	\$ 5,294,574	\$ 5,127,727	\$ 5,003,513	\$ 6,594,712	\$ 6,265,260	\$ 5,130,694
OPERATING INCOME (Before Fund Transfers / Reserve Contributions)	\$ 163,198	\$ (361,651)	\$ 708,673	\$ (1,373,549)	\$ (1,341,754)	\$ 865,238
DISTRIBUTION OF CSWS OPERATING INCOME						
Debt Service Fund						
Contribution to CSWS Improvement Fund	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -
Contribution to CSWS Major Maint. Fund	\$ 900,000	\$ 900,000	\$ 900,000	\$ 800,000	\$ 900,000	\$ 905,000
Contribution to CSWS Risk Fund Reserve						
Contribution to Legal Reserve						
Contribution to Severance Reserve						
TOTAL DISTRIBUTION OF CSWS INCOME	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 905,000
BALANCE (To/From General Fund & Tip Fee Stabilization)	\$ (736,802)	\$ (1,261,651)	\$ (191,327)	\$ (2,273,549)	\$ (2,241,754)	\$ (39,762)

Materials Innovation and Recycling Authority							
FY 2022 Board of Directors Financial Report							
Period Ending:							
CSWS Monthly Spread							
REVENUES	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	YTD
Service Charges Solid Waste-Participating Towns	\$ 4,111,094	\$ 3,736,991	\$ 3,735,556	\$ 3,944,946	\$ 3,968,809	\$ 4,384,001	\$ 46,557,590
Service Charges Solid Waste- Other Contract	\$ 116,529	\$ 116,529	\$ 116,529	\$ 116,529	\$ 116,529	\$ 116,529	\$ 1,398,813
Service Charges Solid Waste-Hauler Direct	\$ 181,583	\$ 154,456	\$ 154,352	\$ 169,535	\$ 171,266	\$ 201,373	\$ 1,977,271
Service Charges Solid Waste-Hauler TS	\$ 84,083	\$ 76,432	\$ 76,402	\$ 80,685	\$ 81,173	\$ 89,665	\$ 952,229
Service Charges Solid Waste - Spot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bypass, Delivery & Other Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700	\$ 1,700
Member Service Fee	2,472	2,247	2,247	2,373	2,387	2,637	\$ 28,000
Metal Sales & Excess Ferrous Residue	\$ 5,708	\$ 5,708	\$ 5,708	\$ 5,708	\$ 5,708	\$ 5,708	\$ 68,500
Municipal Bulky Waste & Mattresses/Box Spring	\$ 20,550	\$ 20,550	\$ 20,400	\$ 20,400	\$ 20,400	\$ 20,400	\$ 246,000
Recycling Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electricity-Kwh Sold	\$ 863,844	\$ 735,201	\$ 664,338	\$ 423,302	\$ 392,576	\$ 512,781	\$ 8,284,500
Electricity-Capacity Payment & Energy Credits	\$ 141,250	\$ 141,250	\$ 942,822	\$ 141,250	\$ 141,250	\$ 1,002,315	\$ 4,927,596
Misc. (Interest, Fees, Other)	\$ 1,667	\$ 1,667	\$ 2,266	\$ 1,666	\$ 1,666	\$ 2,266	\$ 22,400
TOTAL ACCRUED REVENUES	\$ 5,528,782	\$ 4,991,032	\$ 5,720,619	\$ 4,906,393	\$ 4,901,764	\$ 6,339,374	\$ 64,464,599
EXPENDITURES							
Administrative Expenses	\$ 198,388	\$ 189,230	\$ 189,230	\$ 262,361	\$ 189,230	\$ 245,965	\$ 2,482,915
Operational & Contingent Exp.	\$ 276,916	\$ 220,412	\$ 220,412	\$ 276,294	\$ 220,412	\$ 220,429	\$ 2,813,929
Assessment, Fees, Subsidies, and PILOTs	\$ 195,104	\$ 193,869	\$ 195,481	\$ 195,863	\$ 196,442	\$ 196,781	\$ 2,365,091
Waste Transport	\$ 1,082,173	\$ 975,547	\$ 1,011,303	\$ 1,063,367	\$ 1,082,920	\$ 1,179,095	\$ 12,612,312
Recycling Facility	\$ 598,236	\$ 490,694	\$ 541,302	\$ 610,888	\$ 636,192	\$ 636,180	\$ 7,132,460
Murphy Road Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MIRA Facilities Operating Exp.	\$ 86,716	\$ 86,716	\$ 86,716	\$ 86,716	\$ 86,716	\$ 442,214	\$ 1,431,265
NAES Contract Operating Charges	\$ 2,529,883	\$ 2,342,358	\$ 2,974,302	\$ 2,417,025	\$ 2,478,083	\$ 2,472,326	\$ 30,409,529
NAES Contract Major Maint.	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ 2,700,000
NAES On-Site Incentive Comp.	\$ 86,326	\$ 86,326	\$ 86,326	\$ 86,326	\$ 86,326	\$ 86,333	\$ 1,035,919
NAES Management Fees	\$ 104,818	\$ 104,818	\$ 104,818	\$ 104,818	\$ 104,818	\$ 104,812	\$ 1,257,810
Transfer Station - Ellington	\$ 1,141	\$ 1,141	\$ 1,141	\$ 1,141	\$ 1,141	\$ 1,149	\$ 16,200
Transfer Station - Essex	\$ 65,727	\$ 65,727	\$ 65,727	\$ 65,727	\$ 65,727	\$ 65,736	\$ 790,283
Transfer Station - Torrington	\$ 50,138	\$ 50,138	\$ 50,138	\$ 50,138	\$ 50,138	\$ 50,143	\$ 603,211
Transfer Station - Watertown	\$ 65,569	\$ 65,569	\$ 65,569	\$ 65,569	\$ 65,569	\$ 65,574	\$ 788,383
TOTAL ACCRUED EXPENDITURES	\$ 5,341,135	\$ 4,872,545	\$ 6,492,465	\$ 5,286,233	\$ 5,263,714	\$ 5,766,737	\$ 66,439,307
OPERATING INCOME (Before Fund Transfers / Reserve Contributions)	\$ 187,647	\$ 118,487	\$ (771,845)	\$ (379,839)	\$ (361,950)	\$ 572,637	\$ (1,974,708)
DISTRIBUTION OF CSWS OPERATING INCOME							
Debt Service Fund							\$ -
Contribution to CSWS Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Contribution to CSWS Major Maint. Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,305,000
Contribution to CSWS Risk Fund Reserve							\$ -
Contribution to Legal Reserve							\$ -
Contribution to Severance Reserve							\$ -
TOTAL DISTRIBUTION OF CSWS INCOME	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,405,000
BALANCE (To/From General Fund & Tip Fee Stabilization)	\$ 187,647	\$ 118,487	\$ (771,845)	\$ (379,839)	\$ (361,950)	\$ 572,637	\$ (7,379,708)

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

[Narrative](#)

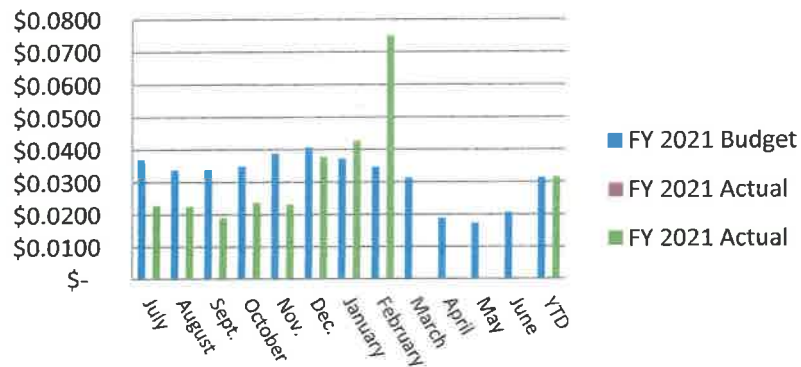
CSWS Electricity Production

Period Ending:

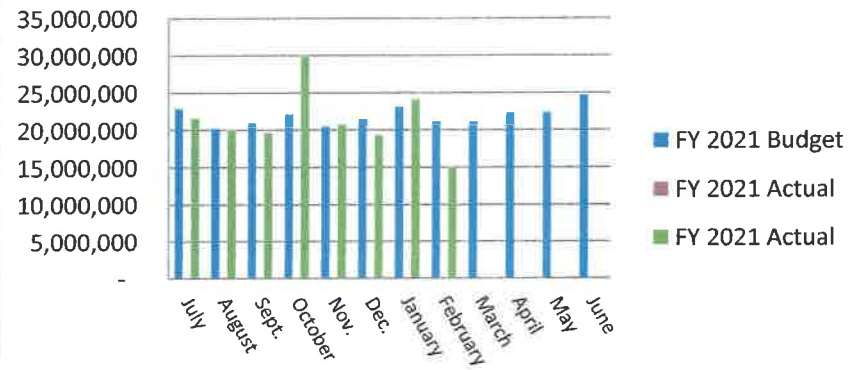
June 30, 2022

	Price			Production			Generation Revenue		
FY 2022	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0370	\$ -	n/a	22,916,522		n/a	\$ 848,167		n/a
August	\$ 0.0339	\$ -	n/a	20,239,205		n/a	\$ 685,759		n/a
Sept.	\$ 0.0341	\$ -	n/a	20,913,621		n/a	\$ 713,124		n/a
October	\$ 0.0350	\$ -	n/a	22,098,687		n/a	\$ 773,238		n/a
Nov.	\$ 0.0389	\$ -	n/a	20,477,905		n/a	\$ 796,000		n/a
Dec.	\$ 0.0407	\$ -	n/a	21,522,531		n/a	\$ 876,170		n/a
January	\$ 0.0372	\$ -	n/a	23,196,412		n/a	\$ 863,844		n/a
February	\$ 0.0348	\$ -	n/a	21,127,012		n/a	\$ 735,201		n/a
March	\$ 0.0315	\$ -	n/a	21,118,545		n/a	\$ 664,338		n/a
April	\$ 0.0190	\$ -	n/a	22,276,288		n/a	\$ 423,302		n/a
May	\$ 0.0175	\$ -	n/a	22,408,293		n/a	\$ 392,576		n/a
June	\$ 0.0208	\$ -	n/a	24,704,979		n/a	\$ 512,781		n/a
YTD	\$ 0.0315	\$ -	n/a	263,000,000	-	n/a	8,284,500	-	n/a
YTD % Var.			#VALUE!			#VALUE!			#VALUE!

Price / KWh



Production (KWh)



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

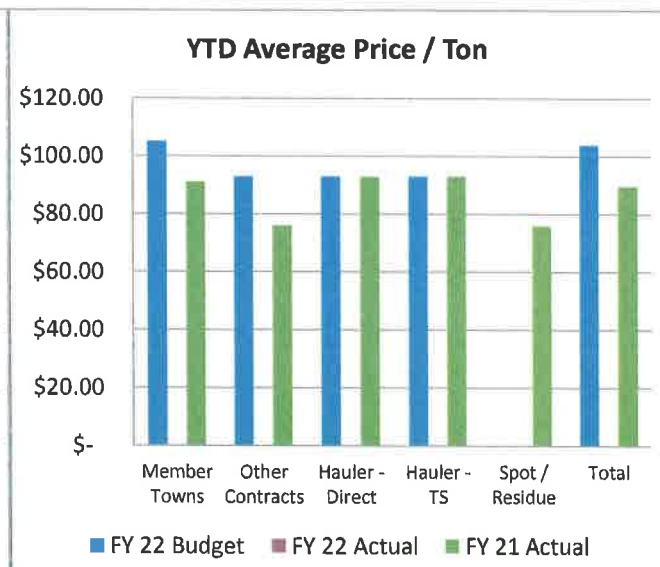
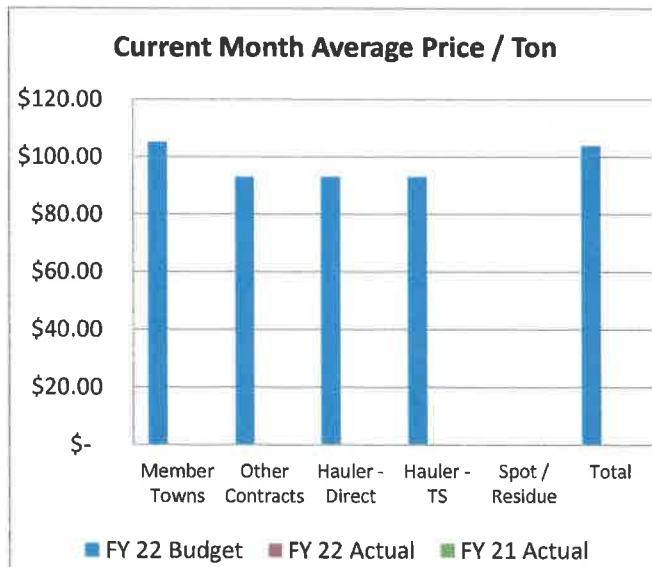
[Narrative](#)

CSWS Solid Waste Summary

Period Ending:

June 30, 2022

	Current Month			Year To Date		
FY 22 Budget	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	41,722	\$ 4,384,001	\$ 105.08	443,078	\$ 46,557,590	\$ 105.08
Other Contracts	1,253	\$ 116,529	\$ 93.00	15,041	\$ 1,398,813	\$ 93.00
Hauler - Direct	2,165	\$ 201,373	\$ 93.00	21,261	\$ 1,977,271	\$ 93.00
Hauler - TS	964	\$ 89,665	\$ 93.00	10,239	\$ 952,229	\$ 93.00
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	46,104	\$ 4,791,567	\$ 103.93	489,619	\$ 50,885,903	\$ 103.93
FY 22 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	-	\$ -	\$ -	-	\$ -	\$ -
Other Contracts	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - Direct	-	\$ -	\$ -	-	\$ -	\$ -
Hauler - TS	-	\$ -	\$ -	-	\$ -	\$ -
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(41,722)	\$ (4,384,001)	\$ (105.08)	(443,078)	\$ (46,557,590)	\$ (105.08)
Other Contracts	(1,253)	\$ (116,529)	\$ (93.00)	(15,041)	\$ (1,398,813)	\$ (93.00)
Hauler - Direct	(2,165)	\$ (201,373)	\$ (93.00)	(21,261)	\$ (1,977,271)	\$ (93.00)
Hauler - TS	(964)	\$ (89,665)	\$ (93.00)	(10,239)	\$ (952,229)	\$ (93.00)
Spot / Residue	-	\$ -	\$ -	-	\$ -	\$ -
Total	(46,104)	\$ (4,791,567)	\$ (103.93)	(489,619)	\$ (50,885,903)	\$ (103.93)
Total % Var.	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%



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

[Narrative](#)

Period Ending:

June 30, 2022

Budget FY 2022	Non Participating Delivery Revenue							Operating Expenses				
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ 117	\$ -	\$ 58,934	\$ 554,081	\$ 21,101	\$ -	\$ 634,116
August	-	-	-	-	-	\$ 117	\$ -	\$ 55,623	\$ 525,762	\$ 16,851	\$ -	\$ 598,236
September	-	-	-	-	-	\$ 117	\$ -	\$ 52,974	\$ 503,107	\$ 16,851	\$ -	\$ 572,932
October	-	-	-	-	-	\$ 117	\$ -	\$ 56,947	\$ 537,090	\$ 16,851	\$ -	\$ 610,888
November	-	-	-	-	-	\$ 117	\$ -	\$ 52,974	\$ 503,107	\$ 16,851	\$ -	\$ 572,932
December	-	-	-	-	-	\$ 117	\$ -	\$ 58,934	\$ 554,081	\$ 16,851	\$ -	\$ 629,866
January	-	-	-	-	-	\$ 117	\$ -	\$ 55,623	\$ 525,762	\$ 16,851	\$ -	\$ 598,236
February	-	-	-	-	-	\$ 117	\$ -	\$ 44,366	\$ 429,477	\$ 16,851	\$ -	\$ 490,694
March	-	-	-	-	-	\$ 117	\$ -	\$ 49,663	\$ 474,787	\$ 16,851	\$ -	\$ 541,302
April	-	-	-	-	-	\$ 117	\$ -	\$ 56,947	\$ 537,090	\$ 16,851	\$ -	\$ 610,888
May	-	-	-	-	-	\$ 117	\$ -	\$ 59,596	\$ 559,745	\$ 16,851	\$ -	\$ 636,192
June	-	-	-	-	-	\$ 117	\$ -	\$ 59,596	\$ 559,745	\$ 16,839	\$ -	\$ 636,180
YTD	-	-	-	-	-	\$ 117	\$ -	\$ 662,177	\$ 6,263,833	\$ 206,450	\$ -	\$ 7,132,460

Actual FY 2022	Non Participating Delivery Revenue							Operating Expenses				
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
August	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
September	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
October	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
November	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
December	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
January	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
February	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
March	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
April	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
May	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
June	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	-	-	\$ -
YTD	-	-	-	-	-	\$ 117	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Variance FY 2022	Non Participating Delivery Revenue							Operating Expenses				
	Essex	Torrington	Watertown	Hartford	Total	Rate	Revenue	Trans.	Contract Op.	Direct O&M	Residue	Total
July	-	-	-	-	-	\$ -	\$ -	\$ (58,934)	\$ (554,081)	\$ (21,101)	\$ -	\$ (634,116)
August	-	-	-	-	-	\$ -	\$ -	\$ (55,623)	\$ (525,762)	\$ (16,851)	\$ -	\$ (598,236)
September	-	-	-	-	-	\$ -	\$ -	\$ (52,974)	\$ (503,107)	\$ (16,851)	\$ -	\$ (572,932)
October	-	-	-	-	-	\$ -	\$ -	\$ (56,947)	\$ (537,090)	\$ (16,851)	\$ -	\$ (610,888)
November	-	-	-	-	-	\$ -	\$ -	\$ (52,974)	\$ (503,107)	\$ (16,851)	\$ -	\$ (572,932)
December	-	-	-	-	-	\$ -	\$ -	\$ (58,934)	\$ (554,081)	\$ (16,851)	\$ -	\$ (629,866)
January	-	-	-	-	-	\$ -	\$ -	\$ (55,623)	\$ (525,762)	\$ (16,851)	\$ -	\$ (598,236)
February	-	-	-	-	-	\$ -	\$ -	\$ (44,366)	\$ (429,477)	\$ (16,851)	\$ -	\$ (490,694)
March	-	-	-	-	-	\$ -	\$ -	\$ (49,663)	\$ (474,787)	\$ (16,851)	\$ -	\$ (541,302)
April	-	-	-	-	-	\$ -	\$ -	\$ (56,947)	\$ (537,090)	\$ (16,851)	\$ -	\$ (610,888)
May	-	-	-	-	-	\$ -	\$ -	\$ (59,596)	\$ (559,745)	\$ (16,851)	\$ -	\$ (636,192)
June	-	-	-	-	-	\$ -	\$ -	\$ (59,596)	\$ (559,745)	\$ (16,839)	\$ -	\$ (636,180)
YTD	-	-	-	-	-	\$ -	\$ -	\$ (662,177)	#####	\$ (206,450)	\$ -	#####

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

[Narrative](#)

Period Ending:

June 30, 2022

Budget FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	
July	712.00	\$ 22.78	\$ 16,219	720.90	\$ 37.49	\$ 27,027	658.60	\$ 23.82	\$ 15,688	\$ 58,934
August	672.00	\$ 22.78	\$ 15,308	680.40	\$ 37.49	\$ 25,508	621.60	\$ 23.82	\$ 14,807	\$ 55,623
September	640.00	\$ 22.78	\$ 14,579	648.00	\$ 37.49	\$ 24,294	592.00	\$ 23.82	\$ 14,101	\$ 52,974
October	688.00	\$ 22.78	\$ 15,673	696.60	\$ 37.49	\$ 26,116	636.40	\$ 23.82	\$ 15,159	\$ 56,947
November	640.00	\$ 22.78	\$ 14,579	648.00	\$ 37.49	\$ 24,294	592.00	\$ 23.82	\$ 14,101	\$ 52,974
December	712.00	\$ 22.78	\$ 16,219	720.90	\$ 37.49	\$ 27,027	658.60	\$ 23.82	\$ 15,688	\$ 58,934
January	672.00	\$ 22.78	\$ 15,308	680.40	\$ 37.49	\$ 25,508	621.60	\$ 23.82	\$ 14,807	\$ 55,623
February	536.00	\$ 22.78	\$ 12,210	542.70	\$ 37.49	\$ 20,346	495.80	\$ 23.82	\$ 11,810	\$ 44,366
March	600.00	\$ 22.78	\$ 13,668	607.50	\$ 37.49	\$ 22,775	555.00	\$ 23.82	\$ 13,220	\$ 49,663
April	688.00	\$ 22.78	\$ 15,673	696.60	\$ 37.49	\$ 26,116	636.40	\$ 23.82	\$ 15,159	\$ 56,947
May	720.00	\$ 22.78	\$ 16,402	729.00	\$ 37.49	\$ 27,330	666.00	\$ 23.82	\$ 15,864	\$ 59,596
June	720.00	\$ 22.78	\$ 16,402	729.00	\$ 37.49	\$ 27,330	666.00	\$ 23.82	\$ 15,864	\$ 59,596
YTD	8,000.00	22.78	182,240	8,100.00	37.49	303,669	7,400.00	23.82	176,268	\$ 662,177

Actual FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	
July			\$ -			\$ -			\$ -	\$ -
August			\$ -			\$ -			\$ -	\$ -
September			\$ -			\$ -			\$ -	\$ -
October			\$ -			\$ -			\$ -	\$ -
November			\$ -			\$ -			\$ -	\$ -
December			\$ -			\$ -			\$ -	\$ -
January			\$ -			\$ -			\$ -	\$ -
February			\$ -			\$ -			\$ -	\$ -
March			\$ -			\$ -			\$ -	\$ -
April			\$ -			\$ -			\$ -	\$ -
May			\$ -			\$ -			\$ -	\$ -
June			\$ -			\$ -			\$ -	\$ -
YTD	-	#DIV/0!	-	-	#DIV/0!	-	-	#DIV/0!	-	\$ -

Variance FY 2022	Essex to Willimantic			Torrington to Berlin			Watertown to Berlin			Total Expense
	Tons	Rate	Expense	Tons	Rate	Expense	Tons	Rate	Expense	
July	(712.00)	(22.78)	(16,219)	(720.90)	(37.49)	(27,027)	(658.60)	(23.82)	(15,688)	(58,934)
August	(672.00)	(22.78)	(15,308)	(680.40)	(37.49)	(25,508)	(621.60)	(23.82)	(14,807)	(55,623)
September	(640.00)	(22.78)	(14,579)	(648.00)	(37.49)	(24,294)	(592.00)	(23.82)	(14,101)	(52,974)
October	(688.00)	(22.78)	(15,673)	(696.60)	(37.49)	(26,116)	(636.40)	(23.82)	(15,159)	(56,947)
November	(640.00)	(22.78)	(14,579)	(648.00)	(37.49)	(24,294)	(592.00)	(23.82)	(14,101)	(52,974)
December	(712.00)	(22.78)	(16,219)	(720.90)	(37.49)	(27,027)	(658.60)	(23.82)	(15,688)	(58,934)
January	(672.00)	(22.78)	(15,308)	(680.40)	(37.49)	(25,508)	(621.60)	(23.82)	(14,807)	(55,623)
February	(536.00)	(22.78)	(12,210)	(542.70)	(37.49)	(20,346)	(495.80)	(23.82)	(11,810)	(44,366)
March	(600.00)	(22.78)	(13,668)	(607.50)	(37.49)	(22,775)	(555.00)	(23.82)	(13,220)	(49,663)
April	(688.00)	(22.78)	(15,673)	(696.60)	(37.49)	(26,116)	(636.40)	(23.82)	(15,159)	(56,947)
May	(720.00)	(22.78)	(16,402)	(729.00)	(37.49)	(27,330)	(666.00)	(23.82)	(15,864)	(59,596)
June	(720.00)	(22.78)	(16,402)	(729.00)	(37.49)	(27,330)	(666.00)	(23.82)	(15,864)	(59,596)
YTD	(8,000.00)	#DIV/0!	(182,240)	(8,100.00)	#DIV/0!	(303,669)	(7,400.00)	#DIV/0!	(176,268)	(662,177)

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

[Narrative](#)

Period Ending:

June 30, 2022

Budget FY 2022	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	2,888.05	\$ 30.00	\$ 86,642	4,895.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 417,440	\$ 50,000	\$ 554,081
August	2,725.80	\$ 30.00	\$ 81,774	4,620.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 393,988	\$ 50,000	\$ 525,762
September	2,596.00	\$ 30.00	\$ 77,880	4,400.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 375,227	\$ 50,000	\$ 503,107
October	2,790.70	\$ 30.00	\$ 83,721	4,730.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 403,369	\$ 50,000	\$ 537,090
November	2,596.00	\$ 30.00	\$ 77,880	4,400.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 375,227	\$ 50,000	\$ 503,107
December	2,888.05	\$ 30.00	\$ 86,642	4,895.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 417,440	\$ 50,000	\$ 554,081
January	2,725.80	\$ 30.00	\$ 81,774	4,620.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 393,988	\$ 50,000	\$ 525,762
February	2,174.15	\$ 30.00	\$ 65,225	3,685.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 314,252	\$ 50,000	\$ 429,477
March	2,433.75	\$ 30.00	\$ 73,013	4,125.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 351,775	\$ 50,000	\$ 474,787
April	2,790.70	\$ 30.00	\$ 83,721	4,730.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 403,369	\$ 50,000	\$ 537,090
May	2,920.50	\$ 30.00	\$ 87,615	4,950.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 422,130	\$ 50,000	\$ 559,745
June	2,920.50	\$ 30.00	\$ 87,615	4,950.00	\$ 85.00	\$ 0.28	\$ 85.28	\$ 422,130	\$ 50,000	\$ 559,745
YTD	32,450	30	973,500	55,000	\$ 85.00	\$ (0.28)	\$ 85.28	4,690,333	600,000	\$ 6,263,833

Actual FY 2022	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July			\$ -				\$ -	\$ -		\$ -
August			\$ -				\$ -	\$ -		\$ -
September			\$ -				\$ -	\$ -		\$ -
October			\$ -				\$ -	\$ -		\$ -
November			\$ -				\$ -	\$ -		\$ -
December			\$ -				\$ -	\$ -		\$ -
January			\$ -				\$ -	\$ -		\$ -
February			\$ -				\$ -	\$ -		\$ -
March			\$ -				\$ -	\$ -		\$ -
April			\$ -				\$ -	\$ -		\$ -
May			\$ -				\$ -	\$ -		\$ -
June			\$ -				\$ -	\$ -		\$ -
YTD	-	#DIV/0!	-	-	\$ 85.00	#DIV/0!	#DIV/0!	-	-	\$ -

Variance FY 2022	Hartford to Berlin			Base Operating Charge					Management Fee	Total Expense
	Tons	Rate	Expense	Total Tons	BPF	ACR	Net Price	Expense		
July	(2,888.05)	(30.00)	(86,642)	(4,895.00)	(85.00)	(0.28)	(85.28)	(417,440)	(50,000)	(554,081)
August	(2,725.80)	(30.00)	(81,774)	(4,620.00)	(85.00)	(0.28)	(85.28)	(393,988)	(50,000)	(525,762)
September	(2,596.00)	(30.00)	(77,880)	(4,400.00)	(85.00)	(0.28)	(85.28)	(375,227)	(50,000)	(503,107)
October	(2,790.70)	(30.00)	(83,721)	(4,730.00)	(85.00)	(0.28)	(85.28)	(403,369)	(50,000)	(537,090)
November	(2,596.00)	(30.00)	(77,880)	(4,400.00)	(85.00)	(0.28)	(85.28)	(375,227)	(50,000)	(503,107)
December	(2,888.05)	(30.00)	(86,642)	(4,895.00)	(85.00)	(0.28)	(85.28)	(417,440)	(50,000)	(554,081)
January	(2,725.80)	(30.00)	(81,774)	(4,620.00)	(85.00)	(0.28)	(85.28)	(393,988)	(50,000)	(525,762)
February	(2,174.15)	(30.00)	(65,225)	(3,685.00)	(85.00)	(0.28)	(85.28)	(314,252)	(50,000)	(429,477)
March	(2,433.75)	(30.00)	(73,013)	(4,125.00)	(85.00)	(0.28)	(85.28)	(351,775)	(50,000)	(474,787)
April	(2,790.70)	(30.00)	(83,721)	(4,730.00)	(85.00)	(0.28)	(85.28)	(403,369)	(50,000)	(537,090)
May	(2,920.50)	(30.00)	(87,615)	(4,950.00)	(85.00)	(0.28)	(85.28)	(422,130)	(50,000)	(559,745)
June	(2,920.50)	(30.00)	(87,615)	(4,950.00)	(85.00)	(0.28)	(85.28)	(422,130)	(50,000)	(559,745)
YTD	(32,450)	#DIV/0!	(973,500)	(55,000)	-	#DIV/0!	#DIV/0!	(4,690,333)	(600,000)	(6,263,833)

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

[Narrative](#)

Period Ending: **June 30, 2022**

Budget FY 2022	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
August	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
September	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
October	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
November	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
December	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
January	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
February	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
March	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
April	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
May	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
June	29.17	\$ 38.57	\$ -	\$ 38.57	\$ 1,125	41.67	\$ 110.00	\$ -	\$ 110.00	\$ 4,583	\$ 5,708
YTD	350.00	\$ 110.00	\$ (71.43)	\$ 38.57	13,500	500.00	\$ 165.00	\$ (55.00)	\$ 110.00	55,000	\$ 68,500

Actual FY 2022	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July				\$ -	\$ -				\$ -	\$ -	\$ -
August				\$ -	\$ -				\$ -	\$ -	\$ -
September				\$ -	\$ -				\$ -	\$ -	\$ -
October				\$ -	\$ -				\$ -	\$ -	\$ -
November				\$ -	\$ -				\$ -	\$ -	\$ -
December				\$ -	\$ -				\$ -	\$ -	\$ -
January				\$ -	\$ -				\$ -	\$ -	\$ -
February				\$ -	\$ -				\$ -	\$ -	\$ -
March				\$ -	\$ -				\$ -	\$ -	\$ -
April				\$ -	\$ -				\$ -	\$ -	\$ -
May				\$ -	\$ -				\$ -	\$ -	\$ -
June				\$ -	\$ -				\$ -	\$ -	\$ -
YTD	-	\$ 110.00	#DIV/0!	#DIV/0!	-	-	\$ 165.00	#DIV/0!	#DIV/0!	-	\$ -

Variance FY 2022	Post Combustion Ferrous					Maintenance Metals					Total Revenue
	Gross Tons	Base Price	Adj.	Net Price	Revenue	Gross Tons	Base Price	Adj.	Net Price	Revenue	
July	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
August	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
September	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
October	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
November	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
December	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
January	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
February	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
March	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
April	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
May	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
June	29.17	38.57	-	38.57	1,125.00	41.67	110.00	-	110.00	4,583.33	5,708.33
YTD	350.00	\$ 110.00	\$ (71.43)	\$ 38.57	13,500	500.00	\$ 165.00	\$ (55.00)	\$ 110.00	55,000	\$ 68,500

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

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **June 30, 2022**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Jets Electric:								
Capacity Payments	\$ 564,274	\$ -	\$ (564,274)	n/a	\$ 8,128,655	\$ -	\$ (8,128,655)	n/a
VARs Payments	\$ 3,187	\$ -	\$ (3,187)	n/a	\$ 38,211	\$ -	\$ (38,211)	n/a
Reserve Credits	\$ 37,500	\$ -	\$ (37,500)	n/a	\$ 450,000	\$ -	\$ (450,000)	n/a
Real Time Energy	\$ 50,000	\$ -	\$ (50,000)	n/a	\$ 600,000	\$ -	\$ (600,000)	n/a
Total Jets Electric	\$ 654,961	\$ -	\$ (654,961)	n/a	\$ 9,216,866	\$ -	\$ (9,216,866)	n/a
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ -	\$ (1,664)	n/a	\$ 19,965	\$ -	\$ (19,965)	n/a
Wheelabrator Lease	\$ 38,080	\$ -	\$ (38,080)	n/a	\$ 456,949	\$ -	\$ (456,949)	n/a
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,350	\$ -	\$ (45,350)	n/a
Total Lease Income	\$ 39,744	\$ -	\$ (39,744)	n/a	\$ 522,264	\$ -	\$ (522,264)	n/a
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ 62,500	\$ -	\$ (62,500)	n/a	\$ 250,000	\$ -	\$ (250,000)	n/a
TOTAL ACCRUED REVENUES	\$ 757,205	\$ -	\$ (757,205)	n/a	\$ 9,989,130	\$ -	\$ (9,989,130)	n/a
EXPENDITURES								
MIRA Non-Personnel Services	\$ 16,771	\$ -	\$ 16,771	n/a	\$ 213,860	\$ -	\$ 213,860	n/a
MIRA Allocated Costs	\$ 80,784	\$ -	\$ 80,784	n/a	\$ 842,376	\$ -	\$ 842,376	n/a
Railroad Maintenance	\$ -	\$ -	\$ -	n/a	\$ 10,500	\$ -	\$ 10,500	n/a
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
1410 Honey Spot Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
171 Murphy Road	\$ 2,256	\$ -	\$ 2,256	n/a	\$ 27,215	\$ -	\$ 27,215	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 140,876	\$ -	\$ 140,876	n/a	\$ 1,724,523	\$ -	\$ 1,724,523	n/a
TOTAL ACCRUED EXPENDITURES	\$ 240,687	\$ -	\$ 240,687	n/a	\$ 2,818,474	\$ -	\$ 2,818,474	n/a
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 516,518	\$ -	\$ (516,518)	n/a	\$ 7,170,656	\$ -	\$ (7,170,656)	n/a
DISTRIBUTION OF PD OPERATING INCOME								
General Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Major Maintenance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
SURPLUS / (DEFICIT)								
	\$ 516,518	\$ -	\$ (516,518)	n/a	\$ 7,170,656	\$ -	\$ (7,170,656)	n/a

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

June 30, 2022

Property Division Monthly Spread

Budget

REVENUES	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21
Jets Electric Revenue						
Capacity Payments	\$ 687,671	\$ 687,671	\$ 687,671	\$ 687,671	\$ 687,671	\$ 687,671
VARs Payments	\$ 3,184	\$ 3,184	\$ 3,184	\$ 3,184	\$ 3,184	\$ 3,184
Reserve Credits	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500
Real Time Energy	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Jets Electric	\$ 778,355	\$ 778,355	\$ 778,355	\$ 778,355	\$ 778,355	\$ 778,355
Lease Income						
CSWS Murphy Road	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Golf Center	\$ 1,664	\$ 1,664	\$ 1,664	\$ 1,664	\$ 1,664	\$ 1,664
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ 38,079	\$ 38,079	\$ 38,079	\$ 38,079
Jets Billboard	\$ 45,350	\$ -	\$ -	\$ -	\$ -	\$ -
Total Lease Income	\$ 85,093	\$ 39,743	\$ 39,743	\$ 39,743	\$ 39,743	\$ 39,743
South Central Facility Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Education & Trash Museum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	\$ -	\$ -	\$ 62,500	\$ -	\$ -	\$ 62,500
TOTAL ACCRUED REVENUES	\$ 863,448	\$ 818,098	\$ 880,598	\$ 818,098	\$ 818,098	\$ 880,598
OPERATING EXPENSES						
MIRA Non-Personnel Services	\$ 16,771	\$ 16,771	\$ 16,771	\$ 16,771	\$ 16,771	\$ 16,771
MIRA Allocated Costs	\$ 64,295	\$ 64,295	\$ 64,295	\$ 90,138	\$ 64,295	\$ 64,295
Railroad Maintenance	\$ 10,500	\$ -	\$ -	\$ -	\$ -	\$ -
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1410 Honey Spot Road	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
171 Murphy Road	\$ 2,269	\$ 2,269	\$ 2,269	\$ 2,269	\$ 2,269	\$ 2,269
Education & Trash Museum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
South Central Facility Operating Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Jets Operating Charges	\$ 174,877	\$ 140,877	\$ 140,877	\$ 140,877	\$ 140,877	\$ 140,877
TOTAL ACCRUED EXPENDITURES	\$ 268,712	\$ 224,212	\$ 224,212	\$ 250,055	\$ 224,212	\$ 224,212
Cash Flow Adjustment						
Total Operating Expense Budget	\$ 268,712	\$ 224,212	\$ 224,212	\$ 250,055	\$ 224,212	\$ 224,212
INCOME BEFORE RESERVES	\$ 594,736	\$ 593,886	\$ 656,386	\$ 568,043	\$ 593,886	\$ 656,386
Distribution of Property Division Income						
General Fund						
MIRA Severance						
Jets major Maintenance						
PD Improvement Fund						
CASH FLOW BALANCE (To Tip Fee Stabilization)	\$ 594,736	\$ 593,886	\$ 656,386	\$ 568,043	\$ 593,886	\$ 656,386

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

Property Division Monthly Spread

REVENUES	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	YTD
Jets Electric Revenue							
Capacity Payments	\$ 687,671	\$ 687,671	\$ 687,671	\$ 687,671	\$ 687,671	\$ 564,274	\$ 8,128,655
VARs Payments	\$ 3,184	\$ 3,184	\$ 3,184	\$ 3,184	\$ 3,184	\$ 3,187	\$ 38,211
Reserve Credits	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 37,500	\$ 450,000
Real Time Energy	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 600,000
Total Jets Electric	\$ 778,355	\$ 778,355	\$ 778,355	\$ 778,355	\$ 778,355	\$ 654,961	\$ 9,216,866
Lease Income							
CSWS Murphy Road	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Golf Center	\$ 1,664	\$ 1,664	\$ 1,664	\$ 1,664	\$ 1,664	\$ 1,664	\$ 19,965
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ 38,079	\$ 38,079	\$ 38,079	\$ 38,080	\$ 456,949
Jets Billboard	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,350
Total Lease Income	\$ 39,743	\$ 39,743	\$ 39,743	\$ 39,743	\$ 39,743	\$ 39,744	\$ 522,264
South Central Facility Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Education & Trash Museum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	\$ -	\$ -	\$ 62,500	\$ -	\$ -	\$ 62,500	\$ 250,000
TOTAL ACCRUED REVENUES	\$ 818,098	\$ 818,098	\$ 880,598	\$ 818,098	\$ 818,098	\$ 757,205	\$ 9,989,130
OPERATING EXPENSES							
MIRA Non-Personnel Services	\$ 29,371	\$ 16,779	\$ 16,771	\$ 16,771	\$ 16,771	\$ 16,771	\$ 213,860
MIRA Allocated Costs	\$ 66,956	\$ 64,295	\$ 64,295	\$ 90,138	\$ 64,295	\$ 80,784	\$ 842,376
Railroad Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,500
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1410 Honey Spot Road	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
171 Murphy Road	\$ 2,269	\$ 2,269	\$ 2,269	\$ 2,269	\$ 2,269	\$ 2,256	\$ 27,215
Education & Trash Museum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
South Central Facility Operating Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Jets Operating Charges	\$ 140,877	\$ 140,877	\$ 140,877	\$ 140,877	\$ 140,877	\$ 140,876	\$ 1,724,523
TOTAL ACCRUED EXPENDITURES	\$ 239,473	\$ 224,220	\$ 224,212	\$ 250,055	\$ 224,212	\$ 240,687	\$ 2,818,474
Cash Flow Adjustment							
Total Operating Expense Budget	\$ 239,473	\$ 224,220	\$ 224,212	\$ 250,055	\$ 224,212	\$ 240,687	\$ 2,818,474
INCOME BEFORE RESERVES	\$ 578,625	\$ 593,878	\$ 656,386	\$ 568,043	\$ 593,886	\$ 516,518	\$ 7,170,656
Distribution of Property Division Income							
General Fund							\$ -
MIRA Severance							\$ -
Jets major Maintenance							\$ -
PD Improvement Fund							\$ -
CASH FLOW BALANCE (To Tip Fee Stabilization)	\$ 578,625	\$ 593,878	\$ 656,386	\$ 568,043	\$ 593,886	\$ 516,518	\$ 7,170,656

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

[Narrative](#)

Property Division and CSWS Flow of Funds

Period Ending:

June 30, 2022

Transfer Date:

July 7, 2021

Funding

August 2021

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account						\$ -
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund						\$ -
PD General Fund						\$ -
PD Improvement Fund						\$ -
Jets Major Maintenance						\$ -
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below					Combined Below
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account						\$ -
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF						\$ -
Debt Service Fund						\$ -
General Fund						\$ -
CSWS Risk Fund						\$ -
CSWS Legal Fund						\$ -
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below					Combined Below
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Combined						
Severance Fund						\$ -
CSWS Improvement Fund						\$ -
CSWS Major Maintenance						\$ -
CSWS Tip Fee Stabilization						\$ -
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking						\$ -
Hartford Solar Reserve						\$ -
Pollution Insurance Reserve						\$ -
Landfill Operating Account						\$ -

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.

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

Narrative

Period Ending: 06/30/22

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boiler 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auxiliary Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS IMPROVEMENT FUND	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

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

Narrative

Period Ending: 06/30/22

	Current Month			Year to Date		
WASTE PROCESSING FACILITY	Budget	Actual	Variance	Budget	Actual	Variance
Trommels	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conveyors	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repairs	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ -	\$ -	\$ -	\$ 115,000	\$ -	\$ 115,000
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ -	\$ -	\$ 2,045,000	\$ -	\$ 2,045,000
Boiler 12	\$ -	\$ -	\$ -	\$ 2,070,000	\$ -	\$ 2,070,000
Boiler 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ -	\$ -	\$ -	\$ 675,000	\$ -	\$ 675,000
Auxiliary Systems	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000
Building Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Roof Repairs	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ 75,000
Site Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ -	\$ -	\$ 5,190,000	\$ -	\$ 5,190,000
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS MAJOR MAINTENANCE FUND	\$ -	\$ -	\$ -	\$ 5,305,000	\$ -	\$ 5,305,000

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

DRAFT

Segmented Income Statement

Period Ending: June 30, 2022

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges:								
Members								\$ -
Others								-
Energy sales								-
Other operating revenues								-
Total Operating Revenues	-	-	-	-	-	-	-	-
Operating Expenses								
Solid waste operations								-
Maintenance and utilities								-
Legal services - external								-
Administrative and Operational services								-
Total Operating Expenses	-	-	-	-	-	-	-	-
Operating Income (Loss) before Depreciation and Amortization	-	-	-	-	-	-	-	-
Depreciation and amortization								-
Operating Income (Loss)	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses)								
Investment income								-
Settlement income (expenses)								-
Other income (expenses)								-
Distribution to SCRRRA								-
Non-Operating Revenues (Expenses), net	-	-	-	-	-	-	-	-
Income (Loss) before Transfers	-	-	-	-	-	-	-	-
Transfers in (out)								-
Change in Net Position	-	-	-	-	-	-	-	-
Total Net Position, beginning of period								-
Total Net Position, end of period	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves				-	-	-	-	-
Add: Amortization				-	-	-	-	-
less: GAAP Exp (Deferred for Budget)								-
add: Spare parts and fuel inventory adjustment								-
add: Capitalized expenses net of asset disposals								-
add: Settlement Income								-
Other								-
Operating Income (Loss) per Variance report	n/a	-	n/a	n/a	-	n/a	n/a	-

ties with CSWS financials tab

ties with PD financials tab

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

Note: Eliminations and depreciation are preliminary amounts.

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

Cash Flow

Forecast (template only)

Materials Innovation & Recycling Authority
 Authority Budget, CSWS, Landfill Division and Property Division
 Fund/Account Forecast (Template Only)

Property Division Funds/Accounts	Fund/Account Use	March 31,2021 Balance	Forecast Changes	June 30,2021 Projected Balance	June 30,2022 Projected Balance
Clearing Account	Deposit account which accumulates and distributes monthly balance per adopted flow of funds and maintenance account.	\$ 1,000.00		\$ 1,000.00	
Operating Fund	Fund monthly budget in advance. Fund to a maximum of 180 days cash on hand.	\$ 2,467,278.22		\$ 2,467,278.22	
PD General Fund	This account is to be used to further supplement any existing fund established within the Property Division at the direction of the MIRA Board of Directors.	\$ 11,061,981.31		\$ 11,061,981.31	
PD Improvement Fund	This account is to be used to pay the eligible cost of approved major maintenance, capital improvement and equipment acquisition projects associated with facilities assigned to the Property Division.	\$ 259,515.05		\$ 259,515.05	
Jets Major Maintenance	This account is to be used to pay the eligible cost of approved major maintenance, capital improvement and equipment acquisition projects associated with facilities related to the Jets facilities.	\$ 964,000.00		\$ 964,000.00	
CSWS Tip Fee Stabilization	The CSWS Tip Fee Stabilization Fund is to be used to supplement receipts available in the CSWS Division Clearing Account when such receipts are otherwise insufficient to disburse funds to the CSWS Division accounts.	\$ 478,338.98		\$ 478,338.98	
Property Division Total		\$ 15,232,113.56		\$ 15,232,113.56	\$ -

Materials Innovation & Recycling Authority
Authority Budget, CSWS, Landfill Division and Property Division
Fund/Account Forecast (Template Only)

CSWS Division Funds/Accounts	Fund/Account Use	March 31,2021 Balance	Forecast Changes	June 30,2021 Projected Balance	June 30,2022 Projected Balance
Clearing Account	Deposit account which accumulates and distributes monthly balance per adopted flow of funds and maintenance account.	\$ 40,000.00		\$ 40,000.00	
Operating STIF	Fund monthly budget in advance. Fund to a maximum of 90 days cash on hand.	\$ 7,099,037.12		\$ 7,099,037.12	
Debt Service Fund	This account is to be used to pay principal, interest and additional costs related to MIRA bond issuances as designated by the Board of Directors. This account may be used to supplement the CSWS Improvement Fund in lieu of such bond issuances as designated by the Board of Directors.	\$ 3,875.01		\$ 3,875.01	
General Fund	This account is to be used to further supplement any existing fund established within the CSWS Division at the direction of the MIRA Board of Directors.	\$ 1,100.97		\$ 1,100.97	
CSWS Risk Fund	This account is to be used to pay deductibles on CSWS insurance claims under applicable general liability, auto liability, umbrella, pollution liability, public officials' liability and fiduciary policies.	\$ 897,020.62		\$ 897,020.62	
CSWS Legal Fund	This account is to be used to pay attorney's fees and other costs incurred in defense of claims and suits made against the CSWS or such costs incurred in the assertion of claims or suits made by MIRA on behalf of the CSWS against others.	\$ 639,009.37		\$ 639,009.37	
CSWS Improvement Fund	This account is to be used to pay the eligible cost of approved capital improvement and equipment acquisition projects associated facilities comprising the CSWS Division	\$ 207,138.41		\$ 207,138.41	
CSWS Major Maintenance	This account is to be used to pay the eligible cost of approved major maintenance/expenditure projects associated facilities comprising the CSWS Division	\$ 2,455,254.04		\$ 2,455,254.04	
CSWS Total		\$ 11,342,435.54		\$ 11,342,435.54	\$ -

Materials Innovation & Recycling Authority
 Authority Budget, CSWS, Landfill Division and Property Division
 Fund/Account Forecast (Template Only)

Other Division Funds/Accounts	Fund/Account Use	March 31,2021 Balance	Forecast Changes	June 30,2021 Projected Balance	June 30,2022 Projected Balance
General Fund Checking	Deposit and operating account for the Authority Budget. All MIRA accounts are cleared through the General Fund Checking.	\$ 1,116,095.91		\$ 1,116,095.91	
Severance Fund	This account is to be used to pay severance to MIRA employees separated from service in accordance with applicable policies, procedures and contractual requirements.	\$ 2,540,911.86		\$ 2,540,911.86	
Hartford Solar Reserve	This account is to be used to pay the eligible cost of approved major maintenance/expenditure projects associated facilities comprising the Hartford Solar Array.	\$ 334,905.68		\$ 334,905.68	
Landfill Div. Operating Account	Deposit and operating account for the Landfill Division.	\$ 2,033,690.19		\$ 2,033,690.19	
Other Division Total		\$ 6,025,603.64		\$ 6,025,603.64	\$ -
Total All Divisions		\$ 32,600,152.74		\$ 32,600,152.74	\$ -
Customer Deposits	This account maintains hauler cash Guarantee of Payments and will be returned to the haulers at the conclusion of their contracts.	\$ 1,668,215.00		\$ 1,668,215.00	

TAB B

MATERIALS INNOVATION AND RECYCLING AUTHORITY

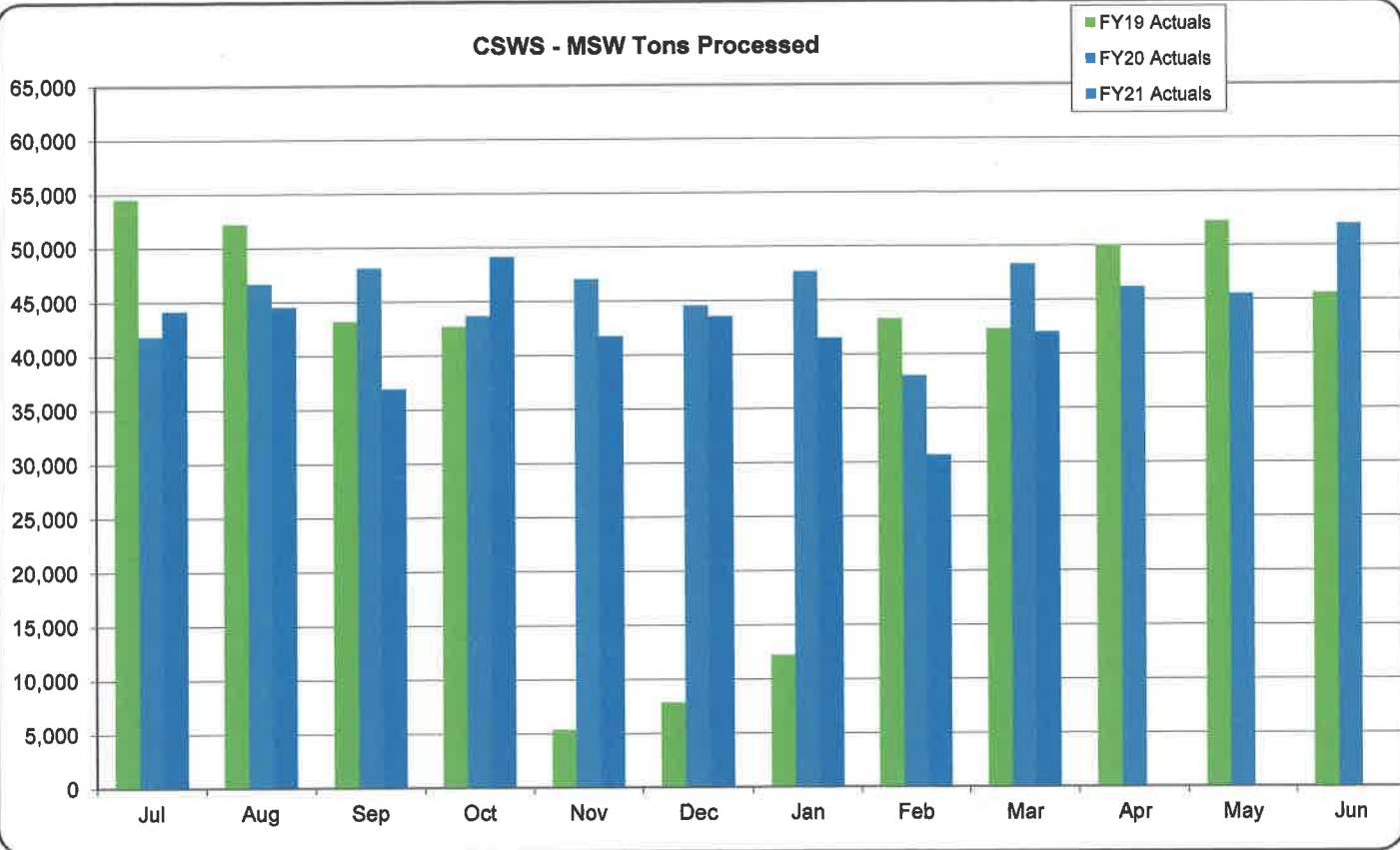
Monthly Operational Summary

March-21

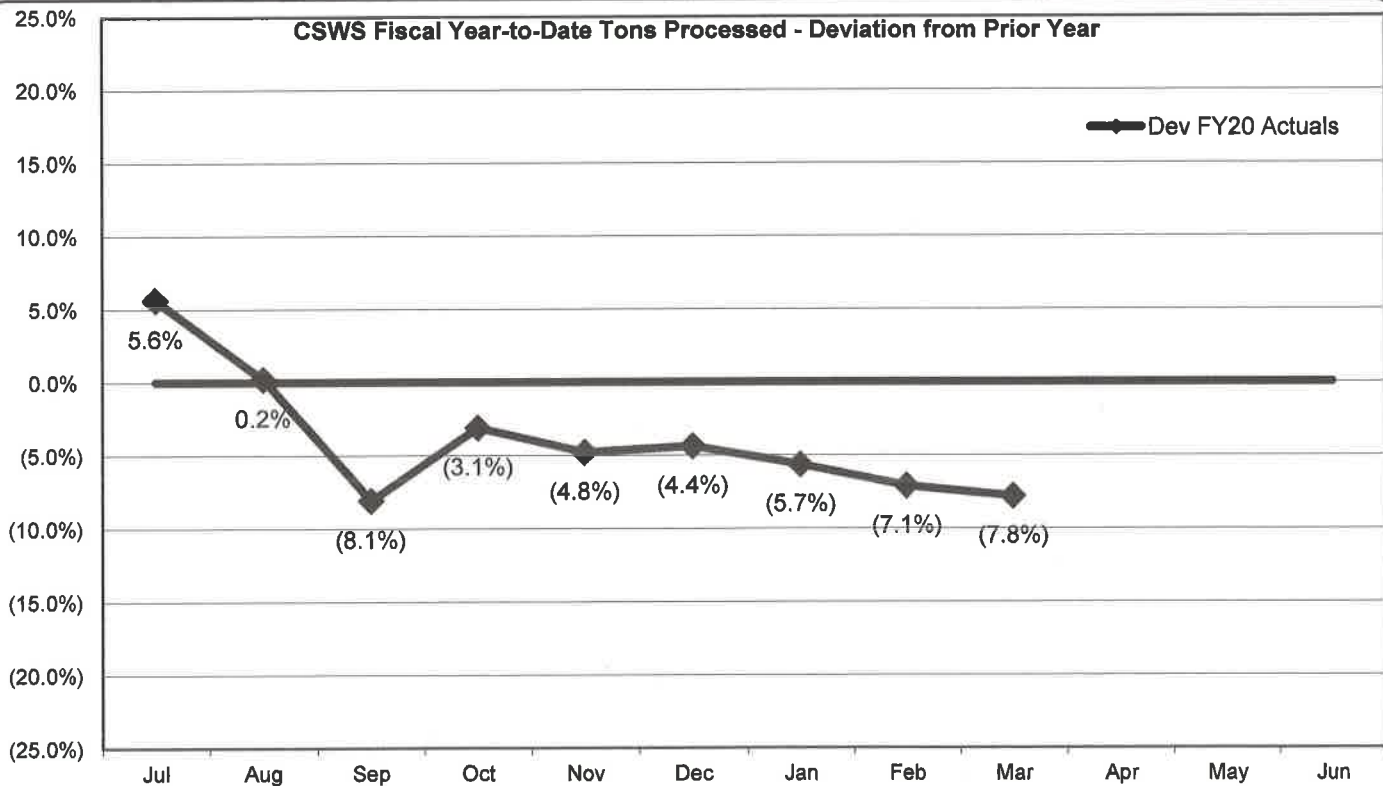
This report provides information on the operations of the CSWS waste-to-energy plant along with the South Meadows Jets. The following table provides a summary of key operating parameters.

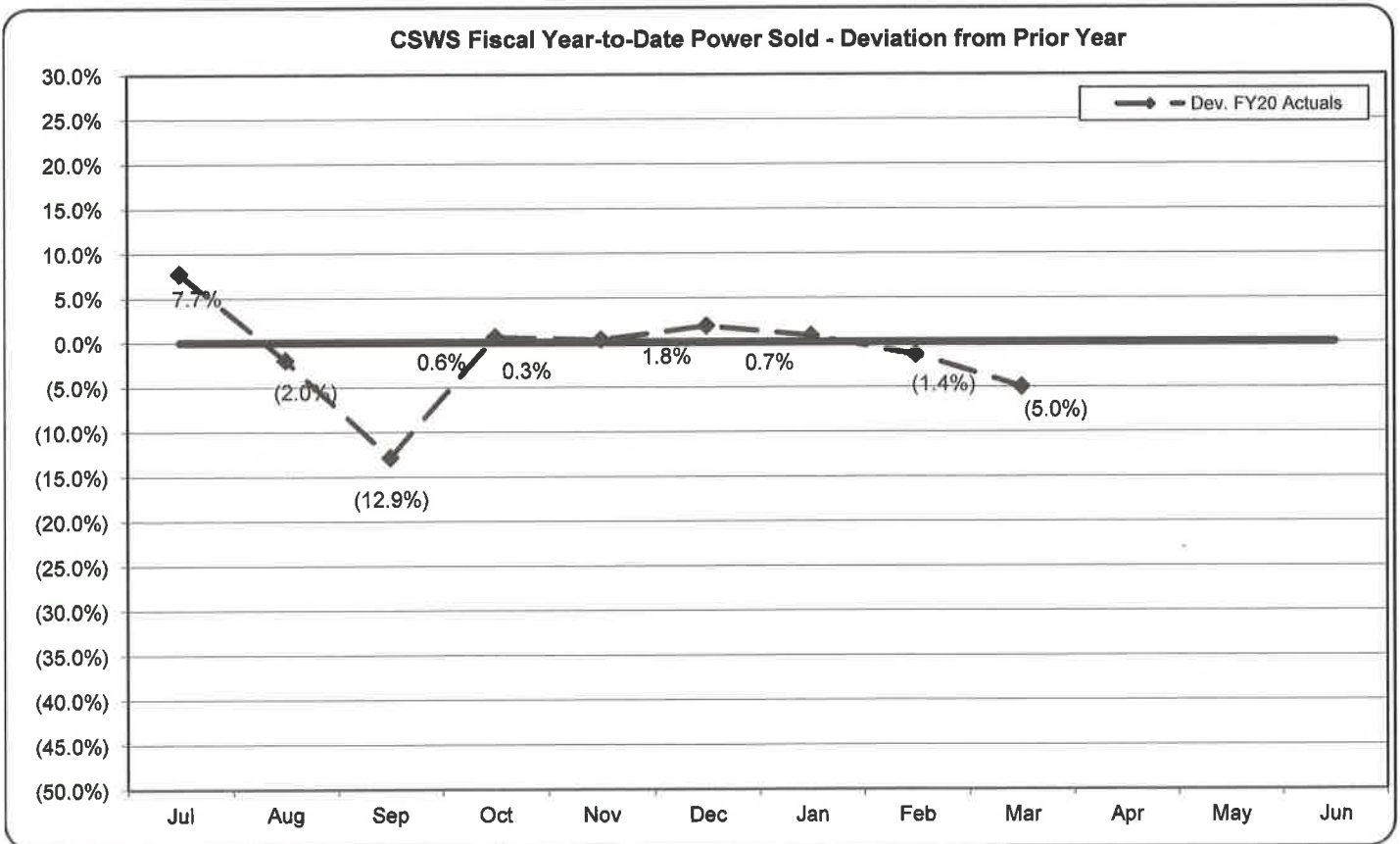
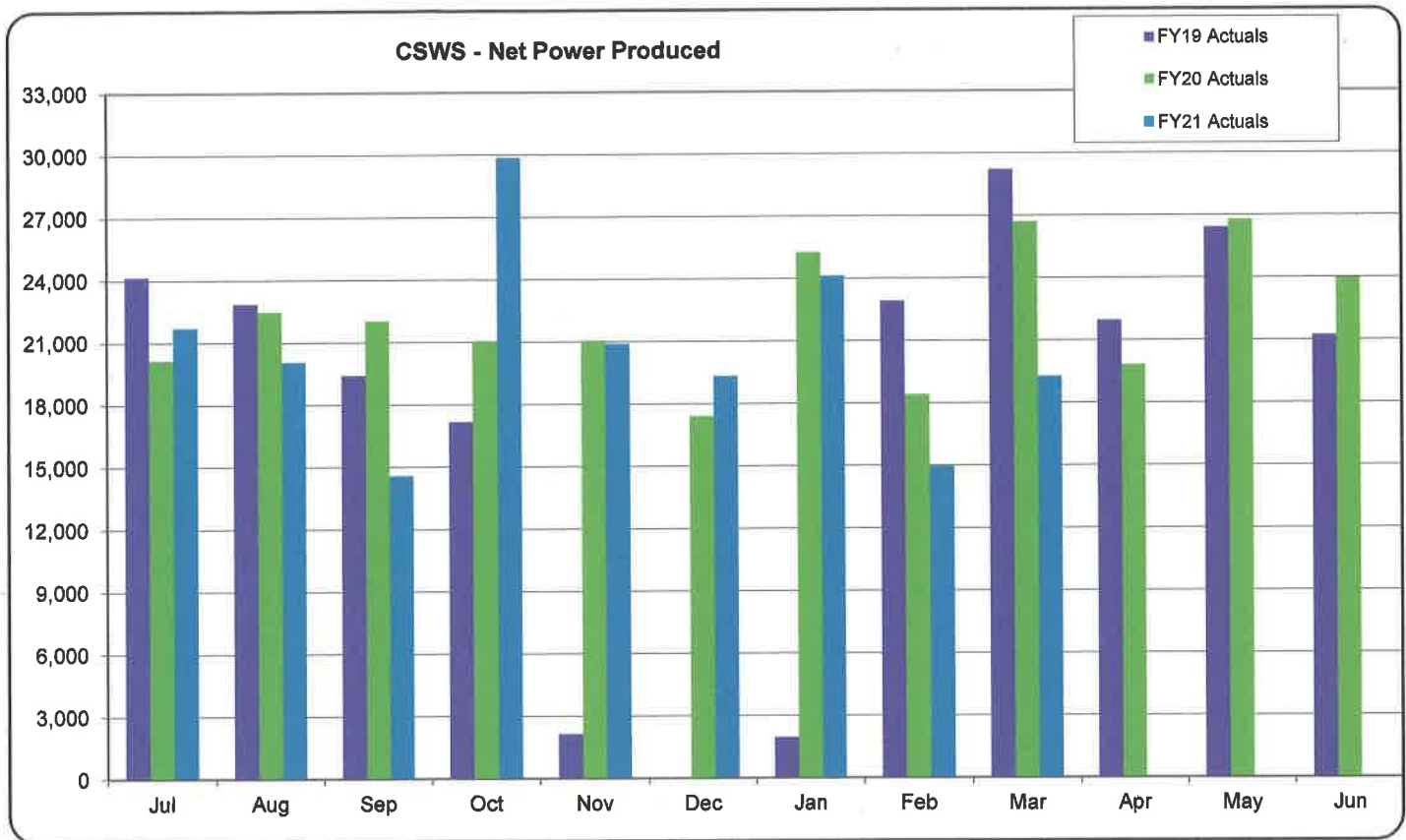
Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Change	2020	2021	Change	Mar 20	Mar 21	Change
CSWS									
Tons MSW Processed	451,568	549,717	21.7%	405,990	374,199	(7.8%)	48,326	42,001	(13.1%)
Steam (klbs)	2,566,195	3,264,837	27.2%	2,418,569	2,309,937	(4.5%)	308,168	238,300	(22.7%)
(% MCR)	42.3%	53.8%		52.9%	50.7%		59.8%	46.2%	
Power (Net MWh)	209,352	272,358	30.1%	201,798	184,744	(8.5%)	26,700	19,268	(27.8%)
South Meadow Jets									
Net MWh	1,932	1,616	(16.4%)	1,241	1,418	14.2%	0	0	100.0%

CSWS - MSW Tons Processed



CSWS Fiscal Year-to-Date Tons Processed - Deviation from Prior Year





CSWS Waste to Energy Plant

Monthly Operational Summary

Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Mar 21	59%	80%	0%

Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/07/20	07/08/20	11	42.10	Two Boiler Operation/O.S. Shaft Bent
08/07/20	08/10/20	11	96.00	Air Heater Wash/Hopper Cleanout
08/11/20	08/12/20	11	48.00	Black Plant from TG#5 Insulation Fire Under the Front Standard
08/13/20	08/19/20	11	145.30	Air Heater Leak Checks
08/29/20	08/31/20	11	69.90	Low MSW Inventory/Pre Work for Major Outage
09/01/20	09/07/20	11	168.00	Low MSW Inventory/Pre Work for Major Outage
11/07/20	11/07/20	11	2.92	RDF Feed Plugs on Auger Screws/Chutes
11/13/20	11/17/20	11	100.10	Extended Cleaning Outage
12/07/20	12/08/20	11	6.00	Loss of Communication/Control with RDF Feed Conveyors
12/16/20	12/17/20	11	29.70	Forced Draft Fan Motor Bearing Failure
01/27/21	01/29/21	11	43.20	TG#6 Leak/Feedwater Suction Strainer Leak
02/01/21	02/01/21	11	2.70	RDF Auger Screw Plugs
02/17/21	02/28/21	11	288.00	Low RDF Inventory
03/01/21	03/04/21	11	95.90	Low RDF Inventory
03/14/21	03/14/21	11	1.00	Daylight Savings Time- Move Clocks 1 Hour Ahead
03/26/21	03/26/21	11	24.00	Low RDF Inventory
03/27/21	03/27/21	11	1.00	BLR #12 Tube Leak
03/29/21	03/31/21	11	67.60	Low RDF Inventory
07/01/20	07/07/20	12	149.00	Tube Leak & ID Fan Motor Rebalanced
07/14/20	07/17/20	12	93.00	RDF Distribution Spout O-S/ Gen. Bank Tube Leaks
07/22/20	07/25/20	12	88.00	Gen. Bank Tube Leaks
08/11/20	08/12/20	12	24.10	Black Plant from TG#5 Insulation Fire Under the Front Standard
09/02/20	09/02/20	12	0.30	TG#6 Bearing Vibration/ RDF Distribution Spout O-S
09/05/20	09/07/20	12	60.00	Derailed SSC & Gen. Bank Tube Leak
09/10/20	09/13/20	12	43.90	Gen. Bank Tube Leaks/ RDF Auger Repairs
09/27/20	09/30/20	12	62.30	Gen. Bank Tube Leaks
10/04/20	10/04/20	12	9.10	Unit shutdown Early for Cleaning/Single RDF Feed Train
10/12/20	10/17/20	12	104.30	Gen. Bank Tube Leak Repairs
10/29/20	10/31/20	12	51.14	Gen. Bank/ Waterwall Tube Leaks
11/01/20	11/09/20	12	208.80	Gen. Bank/ Waterwall Tube Leaks
11/12/20	11/13/20	12	12.85	High River Cooling Water Delta T Around TG#5 Condenser
11/16/20	11/19/20	12	70.90	Gen. Bank/ Waterwall Tube Leaks
11/23/20	11/29/20	12	168.00	Shutdown Early for Annual Major Outage
12/20/20	12/31/20	12	288.00	Low RDF Inventory Levels
01/01/21	01/06/21	12	130.90	Low RDF Inventory Levels
01/18/21	01/21/21	12	93.00	Cold- Side Gen. Bank Tube Leaks
01/22/21	01/23/21	12	21.60	TG#6 Tripped/Feedwater Suction Strainer Leak
01/24/21	01/28/21	12	96.80	TG#6 Tripped/Feedwater Suction Strainer Leak
02/01/21	02/24/21	12	531.90	Gen. Bank/Cold Side Tube Leaks
03/14/21	03/14/21	12	1.10	Daylight Savings Time- Move Clocks 1 Hour Ahead
03/26/21	03/26/21	12	23.70	TG#6 Tripped
03/27/21	03/28/21	12	43.80	TG#6 Tripped/Tube Leak
07/23/20	07/24/20	13	26.00	RDF Feed Repairs
08/05/20	08/05/20	13	0.20	Low MSW Inventory
08/11/20	08/13/20	13	39.90	Black Plant from TG#5 Insulation Fire Under the Front Standard
08/19/20	08/20/20	13	37.00	Replacement of Ash Transfer Belt
09/13/20	09/13/20	13	4.00	RDF Conveyor Plugs Causing Black Plant
09/30/20	09/30/20	13	16.10	Large Clinker in Furnace Stopping B Grate
10/01/20	10/01/20	13	2.80	Large Clinker in Furnace Stopping B Grate
10/07/20	10/12/20	13	133.00	Repair of RDF Auger Screw Drive Gears
10/30/20	10/31/20	13	48.00	Extended Cleaning Outage/ Low RDF Levels

Unscheduled Downtime**Continued**

11/01/20	11/03/20	13	71.90	Extended Cleaning Outage/ Low RDF Levels
11/12/20	11/12/20	13	0.16	High River Cooling Water Delta T Around TG#5 Condenser
11/19/20	11/22/20	13	83.00	Low RDF Inventory
12/07/20	12/08/20	13	13.80	Loss of Communication/Control with RDF Feed Conveyors
12/23/20	12/23/20	13	0.50	Low RDF Inventory Levels
12/26/20	12/31/20	13	144.00	Low RDF Inventory Levels
01/01/21	01/05/21	13	111.90	Low RDF Inventory Levels
02/07/21	02/09/21	13	41.20	Loss of Two RDF Auger Screw Drives

Scheduled Downtime

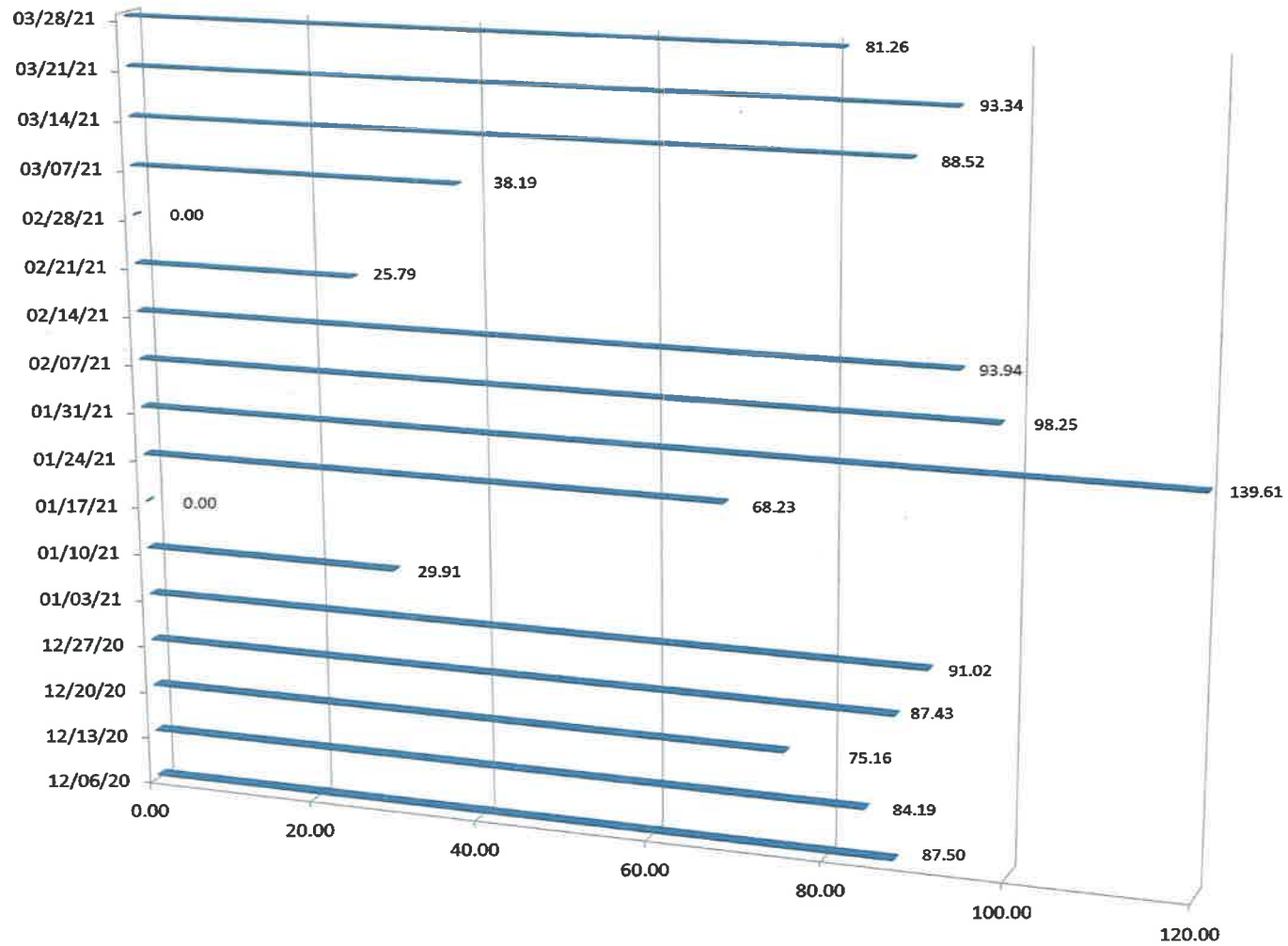
07/09/20	07/22/20	11	317.80	Scheduled Cleaning Outage
09/08/20	09/30/20	11	552.00	Scheduled Outage
10/01/20	10/01/20	11	23.10	Scheduled Outage
11/09/20	11/12/20	11	75.95	Scheduled Cleaning Outage
01/06/21	01/20/20	11	340.90	Scheduled Cleaning Outage
07/26/20	07/31/20	12	144.00	Scheduled Cleaning Outage/Gen. Bank Tube Leak Repair
08/01/20	08/10/20	12	240.00	Scheduled Cleaning Outage/Low MSW Inventories
09/14/20	09/17/20	12	88.90	Cold Iron Outage
10/05/20	10/07/20	12	50.80	Scheduled Outage
11/30/20	11/30/20	12	24.00	Scheduled Major Outage
12/01/20	12/19/20	12	456.00	Scheduled Major Outage
08/22/20	08/22/20	13	3.40	Manually Tripped Off- Line during TG#5 Low Hydraulic Pressure
08/24/20	08/29/20	13	120.90	Scheduled Cleaning Outage
09/14/20	09/17/20	13	86.40	Cold Iron Outage
10/27/20	10/29/20	13	120.00	Scheduled Outage
01/31/21	01/31/21	13	0.10	Cleaning of Baghouse Inlet Duct
02/01/21	02/04/21	13	76.10	Cleaning of Baghouse Inlet Duct
02/24/21	02/28/21	13	114.90	Scheduled Major Outage
03/01/21	03/31/21	13	744.00	Scheduled Major Outage

SOUTH MEADOWS JETS

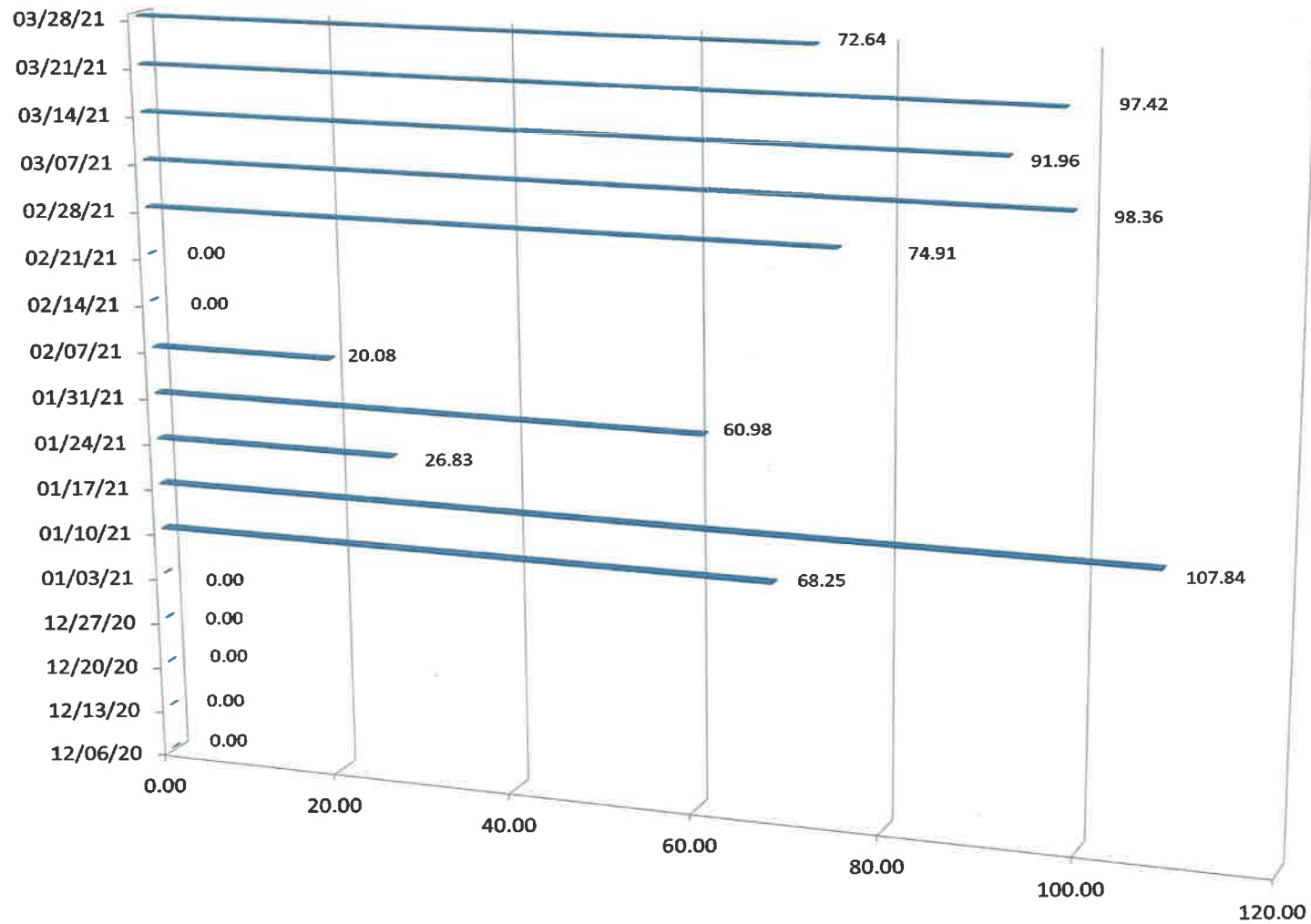
Monthly Operational Summary

Date	Net Generation (MWH)	Comment
07/02/20	146.96	ISO-NE Dispatch Units 12, 13, 14
07/20/20	110.23	Summer SCCA Testing Units 12 & 14
07/23/20	9.86	Test Run to Troubleshoot 11 B Engine Repair- Unit 11
07/27/20	208.24	ISO-NE Dispatch Units 11 & 14
08/01/20	142.16	ISO-NE Dispatch Units 11, 13, 14
08/09/20	247.24	ISO-NE Dispatch Units 11, 12, 13, 14
09/08/20	116.55	ISO-NE Dispatch Unit 11
11/20/20	10.79	Start of Stack Testing-Unit 11/Tested After Instalation of Breaker- Unit 13
11/23/20	11.18	Cleaned Vibration Detectors-Unit 11
11/25/20	169.70	Performed Environmental Stack Testing 11 B Engine-Unit 11
02/09/21	113.81	ISO-NE Dispatch Units 11, 12, 13, 14
02/24/21	131.19	ISO-NE Dispatch Units 12, 13

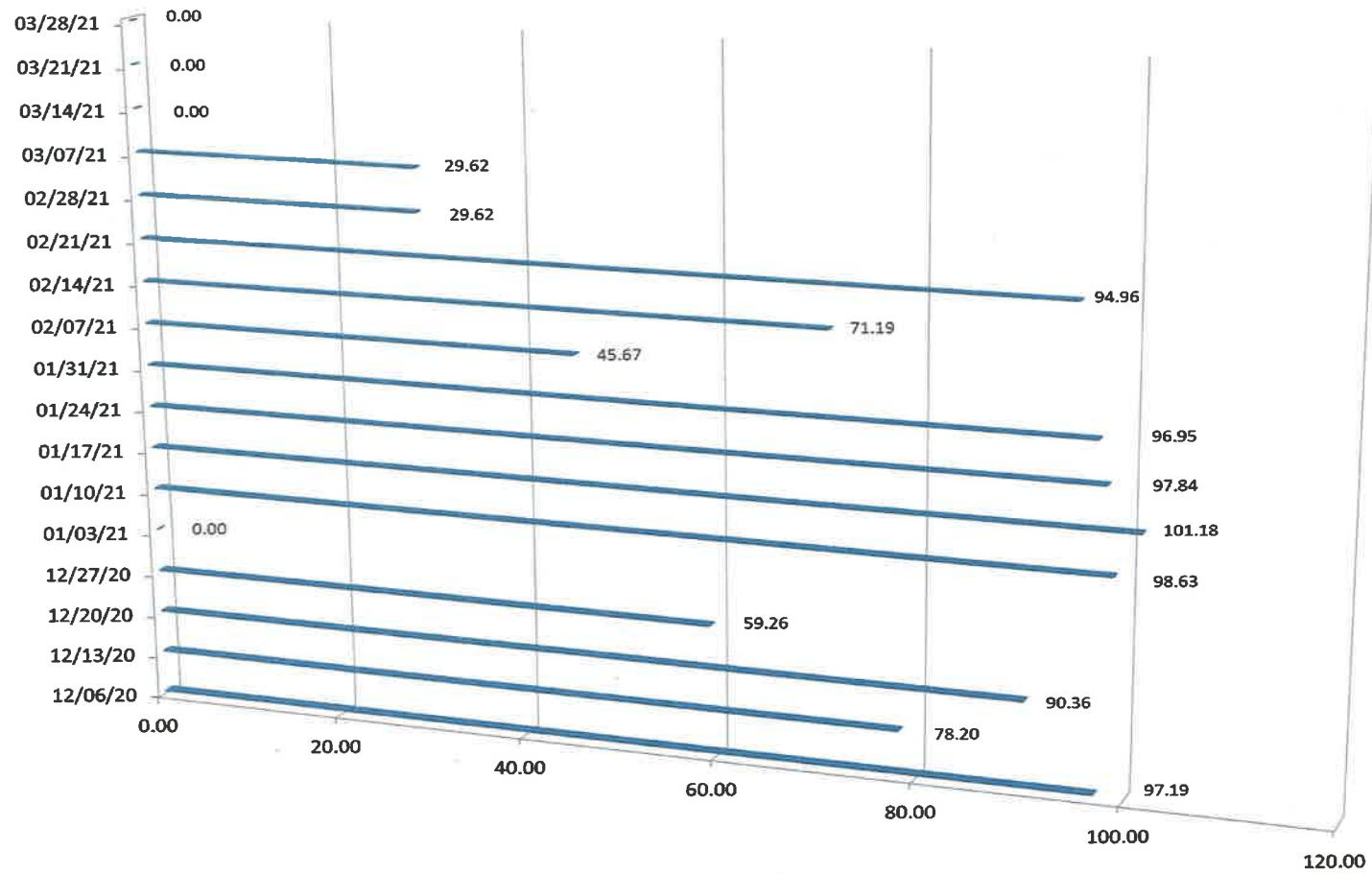
BLR#11 Steam Flow % of Target Steam flow Production



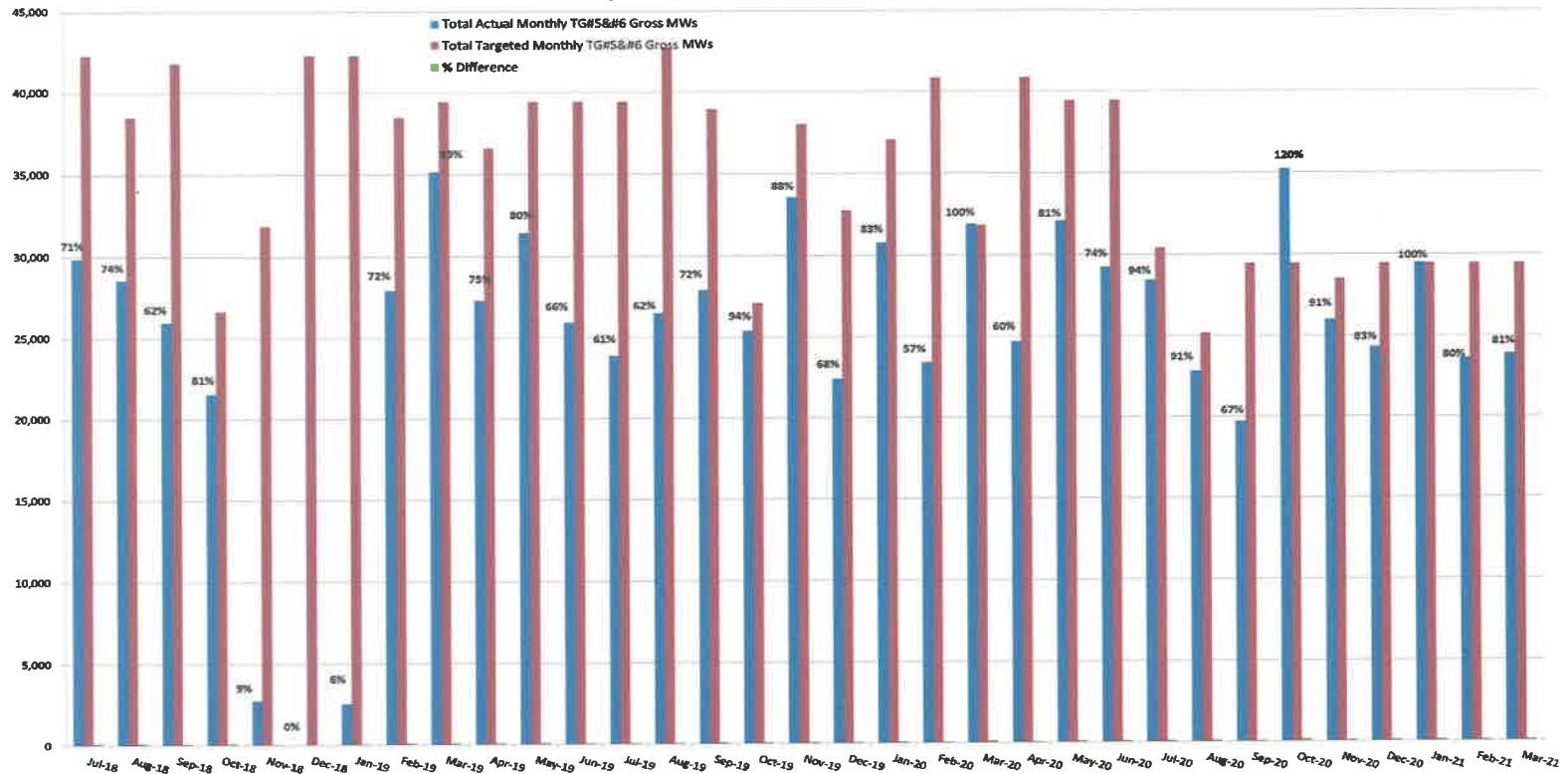
BLR#12 Steam Flow % of Target Steam flow Production



BLR#13 Steam Flow % of Target Steam flow Production



Combined Monthly TG#5 Gross MWs -Actual to Targeted



TAB C

MATERIALS INNOVATION AND RECYCLING AUTHORITY

Monthly Customer MSW and Recyclables Deliveries

March-21

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly			
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth	
CSWS MSW										
Tier 1	406,257	391,251	(4%)	295,301	295,875	0%	30,550	34,026	11%	(1)
Tier 2	12,879	13,013	1%	9,365	10,138	8%	1,031	1,136	10%	(1)
Tier 3	16	0	(100%)	0	0	-	0	0	-	
Non-Processible MSW	2,086	2,637	26%	1,733	1,647	(5%)	175	217	24%	(1)
Hauler Contract	126,128	114,976	(9%)	72,496	54,007	(26%)	10,058	4,625	(54%)	
Contract (FCR Residue)	9,888	11,723	19%	8,722	7,009	(20%)	902	642	(29%)	(1)
Ferrous Residue (excess)	1,427	1,196	(16%)	865	657	(24%)	189	5	100%	
In-State Spot	0	0	-	0	1,858	-	0	588	-	
Out-of-State Spot	0	0	-	0	10	-	0	10	-	
MSW TOTAL	558,681	534,796	(4%)	388,482	371,200	(5%)	42,904	41,249	(4%)	

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth
CSWS Recyclables									
Tier 1	52,317	56,609	8%	41,418	40,654	(2%)	4,531	4,228	(7%)
Hauler Contract	21,714	20,474	(6%)	15,589	5,144	(67%)	1,357	97	(93%)
Contractor Sourced	346	0	(100%)	0	0	-	0	0	-
In-State Spot	0	0	-	0	0	-	0	0	-
Out-of-State Spot	0	0	-	0	0	-	0	0	-
RECYC. TOTAL	74,377	77,083	4%	57,007	45,798	(20%)	5,888	4,326	(27%)

MSW CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth
CSWS Facility and/or TS	103,273	4,416	(96%)	4,416	0	(100%)	0	0	-
Re-Directed Material (1)	13,458	93	(99%)	93	0	(100%)	0	0	-
TOTAL TONNAGE	116,732	4,509	(96%)	4,509	0	(100%)	0	0	-

Recycling CSWS Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth
Re-Directed Material (2)	0	0	-	0	1,650	-	0	0	-
TOTAL TONNAGE	0	0	-	0	1,650	-	0	0	-

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

(2) INCLUDES Tons re-directed to Non-MIRA Facility (FY21 Jul, Aug) **Breakdown of Participating towns Attached**

Connecticut Solid Waste System

Monthly Customer MSW Deliveries

CSWS Tier 1 Participating Municipality MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth
Avon	11,942	12,112	1%	9,280	9,383	1%	972	1,064	9%
Bethlehem	1,598	1,710	7%	1,276	1,361	7%	143	159	12%
Bloomfield	17,990	15,811	(12%)	12,169	9,944	(18%)	1,248	1,192	(5%)
Canaan	447	474	6%	347	364	5%	37	45	23%
Canton	4,885	4,637	(5%)	3,466	3,585	3%	379	398	5%
Clinton	7,089	8,193	16%	6,126	6,208	1%	684	721	5%
Chester (4)	0	1,139	-	782	1,062	36%	111	100	(9%)
Colebrook	609	604	(1%)	448	440	(2%)	37	43	15%
Cornwall	529	530	0%	378	457	21%	34	49	43%
Deep River	3,121	3,359	8%	2,683	2,275	(15%)	264	262	(1%)
Durham/Middlefield	6,599	6,634	1%	5,011	4,589	(8%)	531	521	(2%)
East Granby	2,446	2,480	1%	1,831	1,641	(10%)	204	192	(6%)
East Hartford (2)	28,551	27,411	(4%)	20,529	20,843	2%	2,106	2,458	17%
East Hampton	6,075	6,691	10%	4,964	5,259	6%	508	561	10%
Ellington	5,756	5,228	(9%)	3,836	3,915	2%	395	439	11%
Essex	3,455	2,997	(13%)	2,305	1,943	(16%)	194	248	28%
Farmington	13,227	13,526	2%	10,520	9,532	(9%)	1,053	1,098	4%
Glastonbury	19,957	18,718	(6%)	14,216	14,535	2%	1,411	1,684	19%
Goshen	1,351	1,452	7%	1,057	1,147	9%	116	128	11%
Granby	4,259	4,271	0%	3,194	3,292	3%	327	374	14%
Haddam	3,509	3,346	(5%)	2,500	2,596	4%	284	305	7%
Hartford	87,763	80,122	(9%)	61,409	61,813	1%	6,318	7,631	21%
Harwinton	1,960	2,017	3%	1,476	1,537	4%	150	154	3%
Killingworth	1,964	2,061	5%	1,536	1,218	(21%)	173	136	(21%)
Litchfield	5,436	5,264	(3%)	3,976	3,982	0%	415	455	9%
Lyme	752	759	1%	547	599	10%	61	67	9%
Marlborough	2,237	2,401	7%	1,784	2,056	15%	229	251	10%
Middlebury	3,397	2,369	(30%)	1,794	1,954	9%	166	185	11%
Naugatuck	16,473	13,281	(19%)	9,541	10,397	9%	1,121	1,116	(0%)
Newington (3)	17,389	19,499	12%	14,974	14,980	0%	1,484	1,719	16%
Norfolk	800	777	(3%)	561	593	6%	65	57	(12%)
North Canaan	2,107	2,005	(5%)	1,520	1,527	0%	162	167	3%
North Branford (5)	0	4,996	-	3,737	3,330	(11%)	416	365	(12%)
Old Lyme	4,061	4,133	2%	2,962	3,500	18%	275	342	24%
Old Saybrook	8,846	8,742	(1%)	6,594	6,441	(2%)	641	667	4%
Portland	3,998	3,734	(7%)	2,730	3,015	10%	280	327	17%
Rocky Hill	12,784	12,171	(5%)	9,391	9,241	(2%)	904	961	6%
Roxbury	513	671	31%	475	553	16%	53	55	4%
RRDD#1	11,585	11,082	(4%)	8,225	8,392	2%	906	961	6%
Salisbury/Sharon	3,208	3,152	(2%)	2,329	2,614	12%	253	298	18%
Simsbury	11,776	11,370	(3%)	8,605	8,414	(2%)	892	926	4%
Thomaston	4,623	4,299	(7%)	3,189	3,273	3%	357	391	10%
Torrington	23,654	22,954	(3%)	17,130	17,429	2%	1,827	2,025	11%
Watertown	12,748	11,157	(12%)	8,284	8,884	7%	895	1,036	16%
Westbrook (1)	3,703	2,856	(23%)	2,160	2,158	(0%)	189	215	13%
Wethersfield	17,257	14,357	(17%)	10,729	10,584	(1%)	960	1,165	21%
Woodbury	3,827	3,699	(3%)	2,726	3,023	11%	317	312	(1%)
TOTAL TIER 1 PART.	406,257	391,251	(4%)	295,301	295,875	0%	30,550	34,026	11%

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

(2) East Hartford switched from Tier 4 to Tier 1L 7/1/18

(3) Newington signed with MIRA as T1L effective 7/1/2018

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

(4) Chester switched from Tier 3 to Tier 1L 7/1/19

(5) North Branford signed with MIRA as Tier 1L effective 7/1/19

CSWS Tier 2 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth
Manchester	12,879	13,013	1%	9,365	10,138	8%	1,031	1,136	10%
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	12,879	13,013	1%	9,365	10,138	8%	1,031	1,136	10%

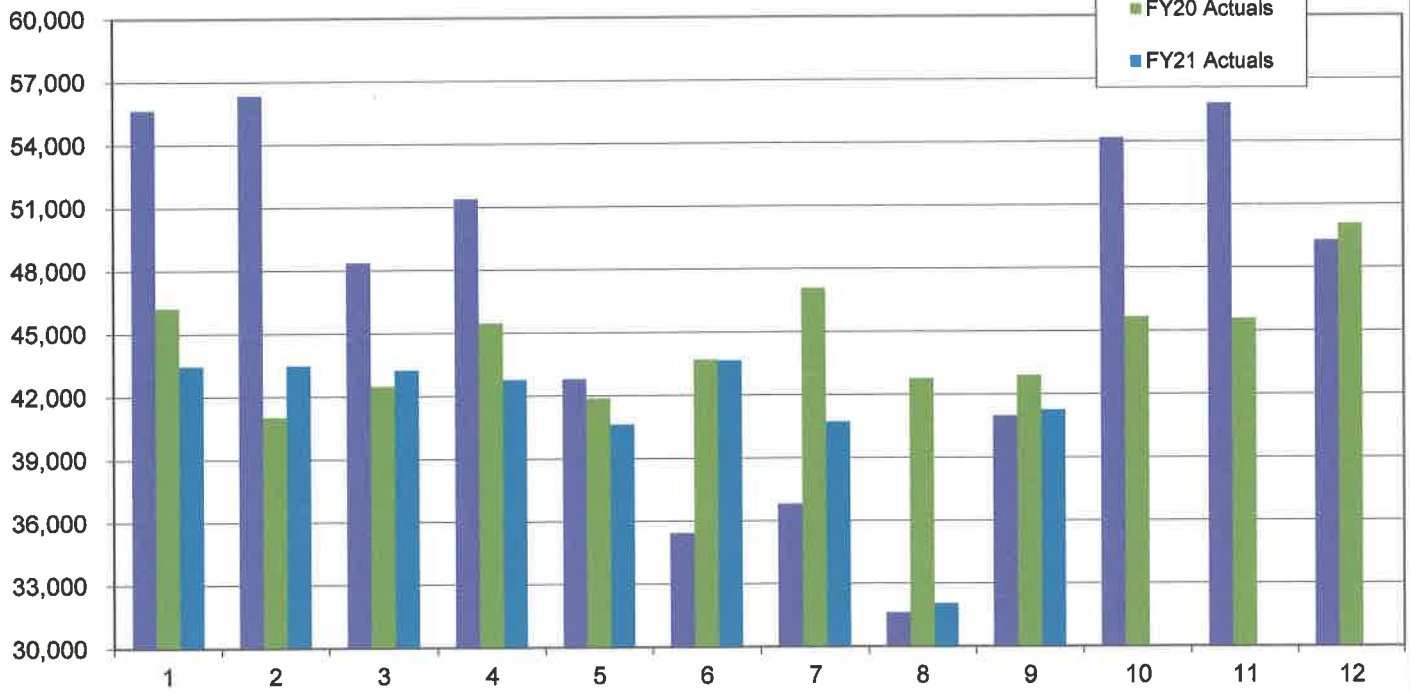
(a) INCLUDES Tons re-directed to Non-MIRA Facility (FY19 Nov)

CSWS Tier 3 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth
Chester (2)	16	0	(100%)	0	0	-	0	0	-
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	16	0	(100%)	0	0	-	0	0	-

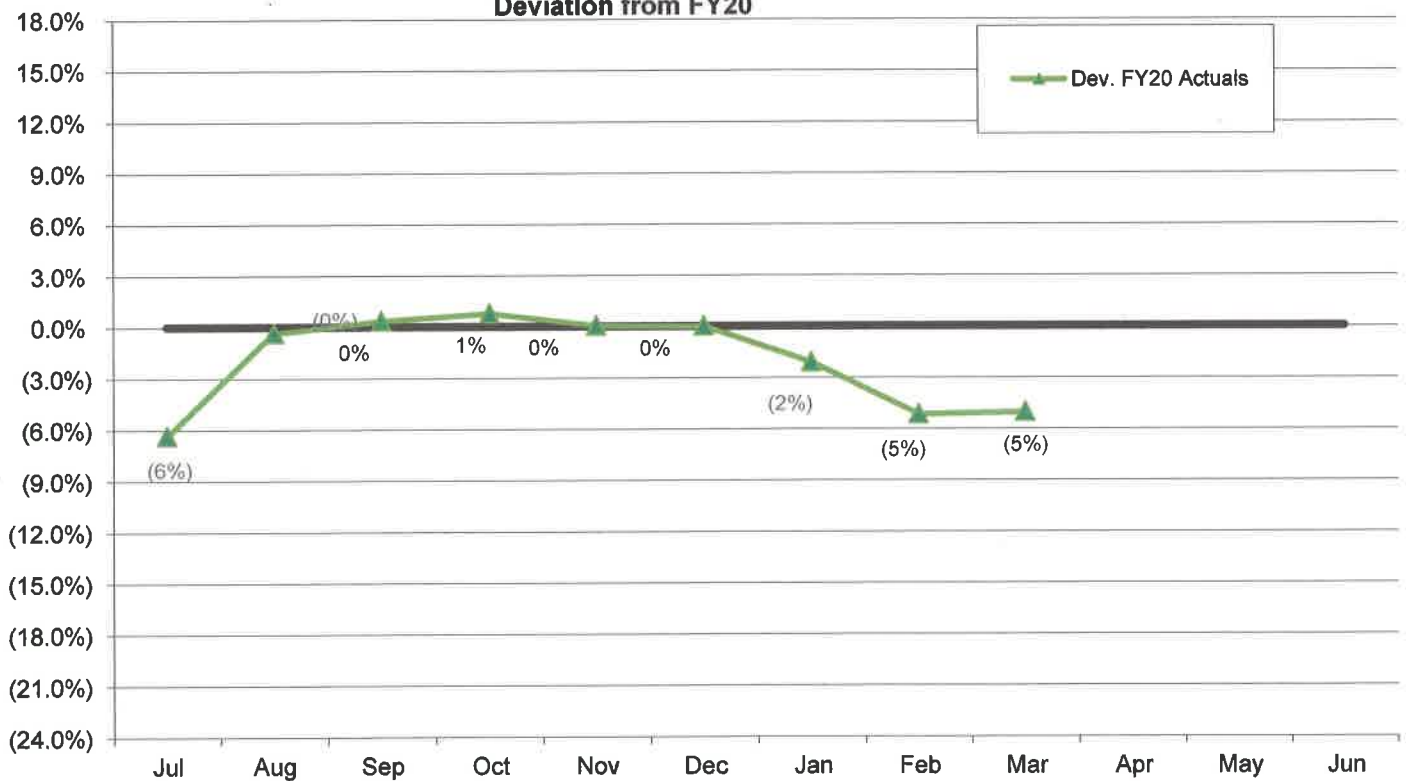
(2) Chester switched from Tier 3 to Tier 1L 7/1/2019

CSWS MSW Trends

CSWS Monthly MSW Tonnage



CSWS Fiscal Year-to-Date MSW Tonnage - Deviation from FY20



Connecticut Solid Waste System

Monthly Customer Recyclables Deliveries

CSWS Tier 1 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly			
	2019	2020	Growth	2020	2021	Growth	Mar 20	Mar 21	Growth	
Avon	2,121	1,925	(9%)	1,395	1,539	10%	164	190	16%	(a)
Bethlehem	337	367	9%	274	280	2%	29	34	16%	
Bloomfield	1,569	1,582	1%	1,149	1,158	1%	125	116	(7%)	(a)
Canaan	99	106	7%	75	118	57%	8	16	102%	
Canton	890	891	0%	661	711	8%	69	75	10%	(a)
Chester (5)	0	328	-	216	313	45%	37	31	(16%)	
Clinton	1,231	1,215	(1%)	885	843	(5%)	74	75	2%	
Colebrook	176	184	4%	130	153	18%	17	16	(9%)	
Cornwall	159	174	10%	117	142	21%	10	15	50%	
Deep River	376	400	6%	329	219	(33%)	30	29	(6%)	
Durham/Middlefield (4)	0	933	-	676	694	3%	83	75	(9%)	(a)
East Granby	428	439	3%	328	363	10%	45	45	(0%)	(a)
East Hartford (2)	3,415	3,461	1%	2,483	2,165	(13%)	273	177	(35%)	(a)
East Hampton	974	1,028	6%	744	768	3%	71	72	2%	(a)
Ellington	1,310	1,263	(4%)	919	975	6%	109	121	12%	(a)
Essex	776	828	7%	612	564	(8%)	58	62	7%	
Farmington	2,218	2,221	0%	1,647	1,582	(4%)	174	173	(0%)	(a)
Glastonbury	3,426	3,493	2%	2,542	2,641	4%	272	263	(3%)	(a)
Goshen	322	371	15%	257	284	10%	28	28	0%	
Granby	1,286	1,296	1%	962	948	(1%)	100	89	(11%)	(a)
Haddam	668	649	(3%)	470	509	8%	52	52	(0%)	(a)
Hartford	5,890	3,826	(35%)	3,001	988	(67%)	313	42	(87%)	(a)
Harwinton	479	476	(1%)	344	375	9%	33	37	11%	
Killingworth	477	494	4%	361	359	(1%)	43	38	(12%)	
Litchfield	745	780	5%	545	617	13%	64	74	15%	
Lyme (4)	0	263	-	216	221	3%	21	25	21%	
Marlborough	536	523	(2%)	388	403	4%	54	42	(23%)	(a)
Middlebury	906	898	(1%)	650	707	9%	75	74	(2%)	
Naugatuck (4)	0	2,216	-	1,590	1,724	8%	175	181	3%	
Newington (3)	2,642	2,481	(6%)	1,826	1,882	3%	204	212	4%	(a)
Norfolk	170	166	(2%)	116	131	12%	11	13	24%	
North Branford (6)	0	1,210	-	855	841	(2%)	119	87	(27%)	
North Canaan	254	258	2%	187	199	6%	19	23	21%	
Old Lyme (4)	0	1,256	-	891	1,011	13%	92	92	0%	
Old Saybrook	1,195	1,276	7%	940	1,088	16%	94	103	9%	
Portland	806	816	1%	574	650	13%	61	67	10%	(a)
Rocky Hill	1,509	1,540	2%	1,144	1,108	(3%)	122	121	(1%)	(a)
Roxbury	164	232	41%	149	209	40%	14	20	45%	
RRDD#1	1,668	1,666	(0%)	1,212	1,265	4%	146	152	4%	
Salisbury-Sharon	1,046	1,179	13%	861	929	8%	92	98	7%	
Simsbury	2,800	2,602	(7%)	1,940	1,971	2%	206	211	3%	(a)
Thomaston	741	913	23%	667	677	2%	78	78	1%	
Torrington	2,839	2,785	(2%)	2,027	2,130	5%	228	245	7%	
Watertown	1,632	1,558	(5%)	1,114	1,238	11%	127	127	0%	
Westbrook (1)	533	573	8%	410	365	(11%)	42	33	(20%)	
Wethersfield	2,619	2,647	1%	1,934	1,918	(1%)	206	205	(1%)	(a)
Woodbury	887	820	(7%)	607	681	12%	64	75	17%	
TOTAL TIER 1 PART.	52,317	56,609	8%	41,418	40,654	(2%)	4,531	4,228	(7%)	

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

(2) East Hartford switched from Tier 4 to Tier 1L 7/1/18

(3) Newington signed with MIRA as T1L beginning 7/1/18

(4) Durham/Middlefield, Lyme, Old Lyme, Naugatuck added recycling 7/1/19

(5) Chester switched from Tier 3 to Tier 1L 7/1/19

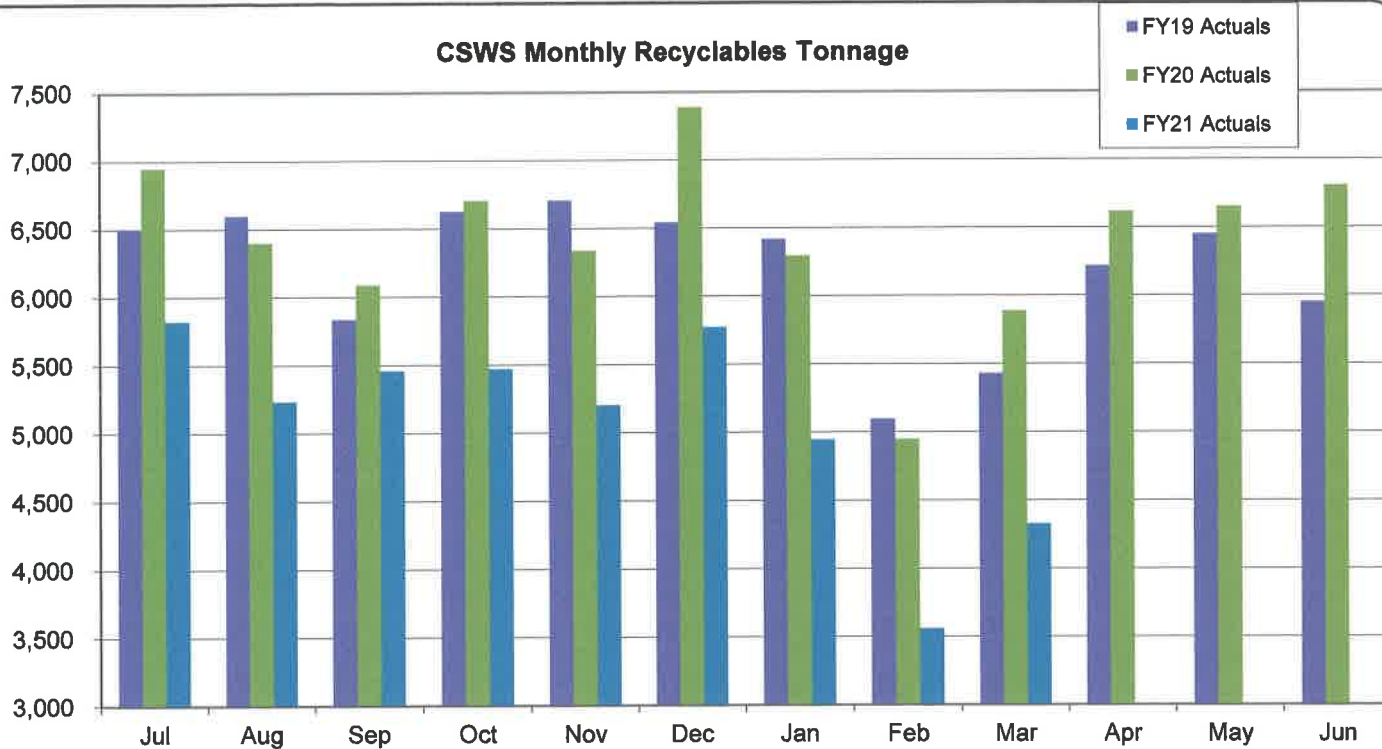
(6) North Branford signed with MIRA as T1L beginning 7/1/19

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

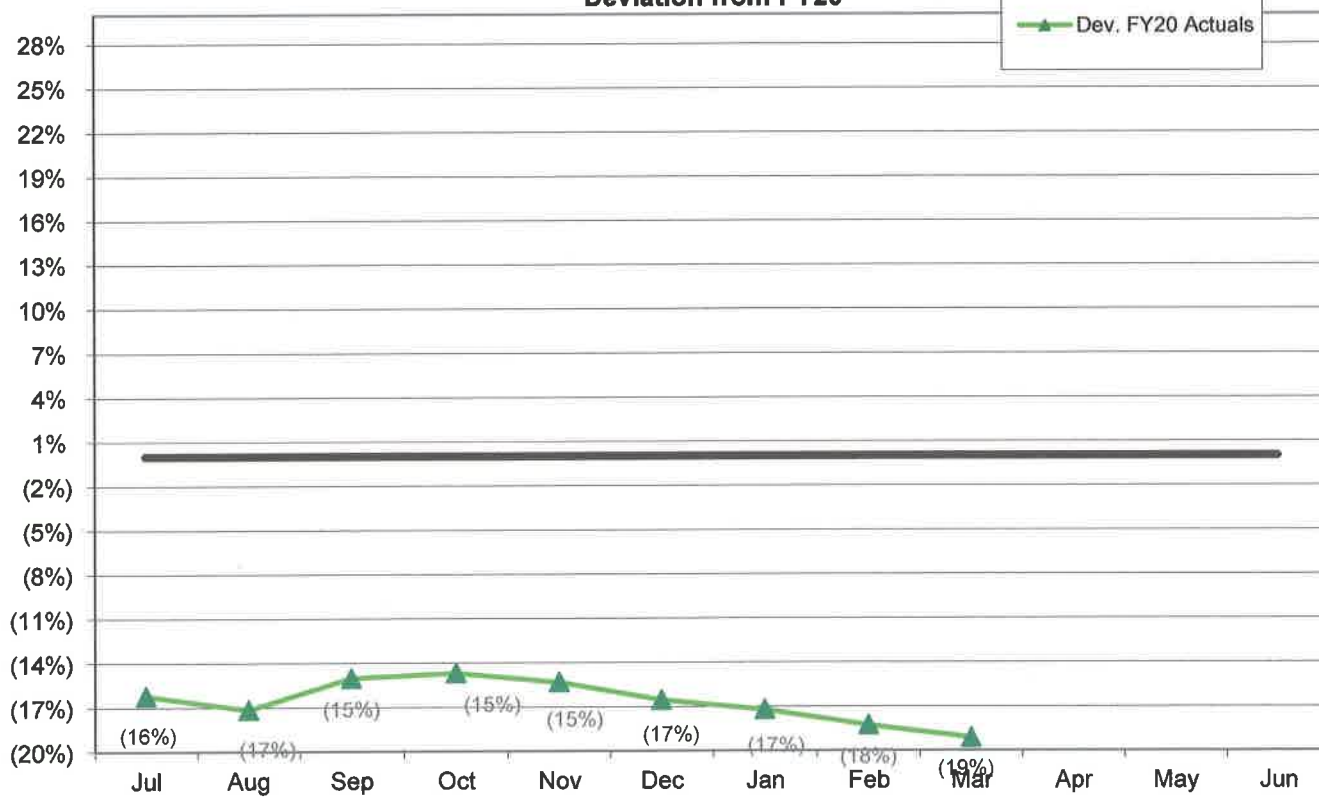
(a) INCLUDES Tons re-directed to Non-MIRA Facility (FY21 Jul, Aug)

CSWS Recyclables Trends

CSWS Monthly Recyclables Tonnage



CSWS Fiscal Year-to-Date Recycling Tonnage - Deviation from FY20



TAB D

**FINAL ACTIVITY REPORT
FOR THE
MATERIALS INNOVATION
AND
RECYCLING AUTHORITY (MIRA)
CONNECTICUT SOLID WASTE SYSTEM
FACILITY**

**Final Report
April 21, 2021**

*Submitted by:
United States Department of Agriculture
Animal and Plant Health Inspection Service
Wildlife Services
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*Project was monitored by:
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Introduction

The United States Department of Agriculture, Animal Plant Health Inspection Service, Wildlife Services (USDA/APHIS/WS) has a long standing working relationship with Connecticut Resources Recovery Authority (CRRRA) now the Materials Innovation and Recycling Authority (MIRA) by providing assistance in the management of migratory bird species causing damage to property and posing a threat to human health and safety.

WS began assisting CRRRA in the management of migratory birds at the Hartford Landfill in 2003. When the Hartford Landfill closed in 2008, WS transitioned operational control activities to the Mid-Connecticut Project, now referred to as the Connecticut Solid Waste System Facility, for the remainder of the agreement. During this time WS provided operational control to reduce threats to human health and safety at the facility. WS also worked closely with Hartford-Brainard Airport to reduce threats to aviation. WS regularly communicated with the airport when performing operational control activities at the facility to prevent any added risk to aircraft.

On July 1, 2020 WS renewed the cooperative agreement with MIRA. The purpose of this agreement was to facilitate APHIS/WS conducting operational control at the Connecticut Solid Waste System Facility to reduce the number of birds and other wildlife that pose a threat to human health and safety and pose a threat to aviation at the adjacent Hartford-Brainard Airport for one year.

Legal Authority of Wildlife Services

The USDA is directed by law to protect American agriculture and other resources from damage associated with wildlife. APHIS, WS has statutory authority under the Act of March 2, 1931 (46 Stat. 1468; 7 U.S.C.426-426b) as amended, and the Act of December 22, 1987 (101Stat. 1329-331, 7 U.S.C. 426c), to cooperate with States, local jurisdictions, individuals, public and private agencies, organizations, and institutions while conducting a program of wildlife service's involving mammal and bird species that are reservoirs for zoonotic diseases, or animal species that are injurious and/or a nuisance to, among other things, agriculture, horticulture, forestry, animal husbandry, wildlife, and human health and safety

The WS program is a non-regulatory, federal cooperative wildlife management program whose mission is to provide leadership in reducing conflicts between people and wildlife. WS has the primary responsibility for responding to threats caused by migratory birds. A growing focus of WS is to help promote the safe operation of aircraft by working with airport management to document, monitor and manage wildlife hazards at airports throughout the country.

Legal Status of Wildlife Species

Federal, state, or municipal laws protect most forms of wildlife and their habitats. Before conducting any control action at the Connecticut Solid Waste System Facility, whether lethal or non-lethal, the identification and legal status of the target species should be determined. Regulatory agencies governing wildlife issue permits to trap or kill wild animals depending on the species and method of control involved. MIRA is responsible for adhering to the current regulations regarding wildlife control and for obtaining the appropriate permits to take or harass specific types of wildlife. Potential non-target animals should be identified, as well, to aid in determining the appropriate control methods that would avoid killing or harassing these species.

Federal Regulations

The U.S. Congress has passed several acts for the protection of wildlife including the Migratory Bird Treaty Act (MBTA), the Lacey Act, the Endangered Species Act, Bald and Golden Eagle Protection Act, the National Environmental Policy Act (NEPA), the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Clean Water Act regulated by the U.S. Army Corps of Engineers. These are the basis of

most wildlife regulations that have been issued in the Codes of Federal Regulations (CFR). Several agencies are responsible for implementing these regulations and many of these regulations affect wildlife management. Federal wildlife laws are administered by the U.S. Fish and Wildlife Service (USFWS) and primarily involve migratory birds protected under the MBTA and all species protected under the Endangered Species Act. Permits from the USFWS must be updated annually unless otherwise stated on the permit.

MIRA was migratory birds under U.S. Fish and Wildlife Service Depredation Permit Number MB 826758-0 (Appendix 1). This permit authorized MIRA and those listed as a sub-permittee to kill "non-endangered and non-threatened species of migratory birds only after non-lethal techniques have been tried." Depredation permits are subject to the conditions stated in 50 CFR § 21.27 Special Purpose Permits. Under these guidelines MIRA is required to document the permitted activity including type of action, species and numbers involved, and disposition of carcasses. These records should be readily available when needed. Wildlife Services maintains all take records and they are available to MIRA upon request.

Although MIRA's permit has been renewed, due to issues involving the COVID-19 pandemic and changes in how permits are renewed at the U. S. Fish and Wildlife Service, the permit for 2020-2021 has not been issued as of 21 April 2021. In the interim, any required take of migratory birds will be conducted under Wildlife Services statewide depredation permit for Connecticut.

USDA Wildlife Services has long been excluded from activities to control urban rodents under our enacting legislation. However, no definition of urban rodents was provided and Wildlife Services has operated with definition of urban rodents to mean commensal rodents, specifically Norway and black/roof rats and house mice. Due to conflicts with the National Pest Management Association and others, Wildlife Services has redefined and clarified the definition of urban rodents as follows.

For the purposes of activities authorized under the Act of December 22, 1987 (7 U.S.C. 426c), the term "urban rodent control" shall mean actions to directly control mice, rats, voles, squirrels, chipmunks, gophers, woodchucks, and groundhogs in a city or town with a population greater than 50,000 inhabitants and the urbanized area contiguous and adjacent to such a city or town, except actions involving: (1) federal agencies; (2) government entities engaged in a cooperative service agreement with APHIS to provide direct control of rodents as of October 1, 2013; (3) a state in which direct control of the rodent species has been expressly authorized by state law, rulemaking, or a local jurisdiction's ordinance promulgated by public notice and an opportunity for public comment or as otherwise promulgated as required and authorized by the respective state or local law; and (4) railways and airport air sides areas. APHIS will refer all requests for operational assistance with "urban rodent control" from private entities such as home and business owners and associations to the private sector.

Due to the population of the City of Hartford and its clear urban setting, Wildlife Services will remain unable to conduct control of woodchucks, also known as groundhogs, on MIRA property in the absence of a state law or local ordinance specifically authorizing Wildlife Services to conduct rodent control. However, woodchuck damage management was a minor part of Wildlife Services activities in the past.

State and Local Regulations

Connecticut state wildlife laws generally follow the federal regulations for migratory bird species and further regulate actions concerning mammals, upland game birds and other vertebrates. The Connecticut Department of Energy and Environmental Protection Wildlife Division (CT DEEP WD) state permit issued to Hartford-Brainard Airport allows for the harassment and lethal removal of game and fur bearing species to protect public safety: white-tailed deer, Eastern wild turkey, coyote, red fox, grey fox, and raccoon. This permit further allows that mammals interfering with bird control measures may be trapped and euthanized from the Connecticut Solid Waste System Facility (MIRA) at 300 Maxim Road in Hartford, CT."

The permit letter is issued by the state to protect property and human health and safety. Wildlife in Connecticut is regulated primarily by Connecticut General Statutes (CGS), Title 26: Chapter 460 Fisheries and Game and Chapter 495 Connecticut Endangered Species.

WILDLIFE SURVEYS RESULTS AND ANALYSIS

Wildlife Service's Employed Methods

WS utilized a variety of equipment to perform operational control at the Connecticut Solid Waste System facility to manage migratory bird species and mammals. WS completed surveys during each visit to the facility. The data gathered during the surveys was used to create wildlife population indices. Indices, unlike true population counts, loosely represent wildlife populations and are useful in showing changes in populations over time or comparing one population to another. The survey information is not intended to represent the total wildlife population at Connecticut Solid Waste System Facility, but the technique allows Wildlife Services to build an index of species presence and behavior which satisfies the intent of this study. Because there was no hypothesis being tested, other statistical analysis was not necessary.

WS did not utilize a propane cannon to harass wildlife during 2021 after utilizing this tool during 2020. WS maintained a decoy trap in the load out area of the yard to capture European starlings to help reduce overall starling numbers. This kind of trap is baited with food and a few European starlings and also provides water and shelter. Birds can enter the trap but cannot escape. All captured starlings were euthanized with carbon dioxide gas, cervical dislocation, or other AVMA approved methods.

WS utilized two types of pyrotechnics to harass wildlife at the Connecticut Solid Waste System Facility. One type, the whistler/screamer, emits a loud scream while the other, the bird bomb/banger, emits a loud bang after discharge.

Observations

The Connecticut Solid Waste System Facility is highly attractive to a wide variety of wildlife. WS identified three groups of birds that congregate in numbers and pose a threat to human health and safety, property damage, and pose a serious threat to aviation. These birds are blackbirds (European starlings), Corvids (American crows), and gulls (great black-backed, herring, and ring-billed gulls). Rock pigeons and house sparrows have also occurred in small numbers in the past and pose a minor threat to human health on site and to aviation safety.

Other bird species are attracted to the site due to the volume of other bird species. These include a wide variety of hawk species. These birds do not pose a threat to human health and safety on property at the Connecticut Solid Waste System Facility, but instead pose a serious threat to aviation at the adjacent Hartford-Brainard Airport.

WS has also identified raccoons as another species of wildlife that pose a serious threat to property damage and human health and safety at the Connecticut Solid Waste System Facility.

Free-ranging or stray domesticated dogs and stray and feral cats have also been a past issue that could have potentially caused a threat to human health, since stray domestic pets can transmit disease and are attracted to people for food and affection.

Gull Guild:

Description: Gulls are large bodied, robust birds with webbed feet, long pointed wings, and stout bills. Most adults are white with a gray or black back and wings, however, juveniles are typically mottled brown or gray

for the first two to three years of life. Gulls are commonly attracted to areas when food or water is available. Food sources may include refuse from dumpsters or nearby landfills, shellfish, fish, earthworms, insects, or carrion. These birds become habituated quickly to easy sources of food such as handouts at construction sites and parking areas.

Legal Status: Gulls are classified as migratory non-game birds and can be killed with a USFWS depredation permit and a concurrent state depredation permit.

Control Measures: Habitat modifications are the most effective methods for controlling gulls. Clean and contained trash areas, elimination of standing water, and prevention of food handouts will usually deter gulls, especially if combined with an active hazing and shooting program. However, gulls quickly habituate to dispersal techniques (pyrotechnics, bioacoustics and visual scare devices) and individuals may need to be shot to reinforce non-lethal methods.

Damage Threat to Aircraft: Gulls are hazardous to aircraft due to their large body size, abundance, expanding distributions, flocking behavior, and relatively slow flight characteristics. Nationally, gulls account for 10.00% of known species bird-aircraft strikes and 18.34% of damaging strikes with known species in the United States resulting in \$64,576,857 in damage from 1990 to 2019 (Dolbeer et al. 2021). Gulls are the third most commonly struck species group reported to the National Wildlife Strike Database. Ring-billed, herring, and laughing gulls are the 11th, 16th, and 25th most struck species during this period. When struck, gulls are ranked 10th out of the 21 species causing significant damage to aircraft (Dolbeer et al. 2000).

Observations: WS noted a significant decline in gull numbers between 2009 and 2017 followed by a significant increase from 25 in 2017-18 to 466 in 2018-19. There was a significant decrease of 84.1%, from 466 gulls observed during 2018-19 to 74 (66 herring gulls and 8 great black-backed gulls) observed during 2019-20. Numbers again dropped significantly to only 17 herring gulls observed during 2020-21 a decrease of 77.03%. The ten-year average number of gulls observed at MIRA is 329.3 (309.4 herring gulls, 5.6 great black-backed gulls, and 14.3 ring-billed gulls). No great black-backed gulls, ring-billed gulls or other gull species were observed at MIRA during 2020-21.

Gulls were observed during 2 of 40 visits to date during the 2020-21 agreement. The highest recorded single day observations were 11 herring gulls on December 4, 2020 and 6 herring gulls on December 28, 2020. The average and median number of gulls surveyed daily, during the 2 days when gulls were observed, was 8.5 and 8.5 respectively. This is a decrease from last year when an average and median of 9.25 and 10.0 gulls, respectively, were observed per visit, when gulls were observed.

WS's harassment program continued to benefit from the change in practices, including closing of doors, implemented by NAES. Overall gulls respond well to harassment. As a result, there were no gulls lethally to date during 2020-21.

Blackbirds:

Description: The blackbird guild at MIRA consisted solely of European starlings again during 2020-21. Brown-headed cowbirds and common grackles have not been observed in significant numbers since July 1, 2013.

European starlings are gregarious or flocking birds, and are known to form large flocks, sometimes mixed with other black-bird species, which can range in the thousands during the winter months. Flocks typically form near areas with suitable roosting sites and adequate foraging habitats. European starlings are opportunistic feeders and consume a variety of foods, including fruits, grains, weed seeds, and insects. Starlings were introduced into the United States in the 1890's and quickly spread throughout North America. The European starling is a cavity nester and seeks out nesting areas with both suitable nesting cavities, usually near buildings, and short grass areas for foraging.

Legal Status: European starlings are an introduced species and are not protected by federal law and are minimally protected by Connecticut law. They may be killed at any time of year without a permit when concentrated in a manner that constitutes a threat to human health and safety. Other black-birds such as brown-headed cowbirds and common grackles are protected by the Migratory Bird Treaty Act, but may be taken under the Federal Crow and Blackbird Depredation Order. Under the order, cowbirds “may be taken when causing or about to commit damage to...or when concentrated in numbers or in a manner as to constitute a health hazard or nuisance”. There is a newly required reporting requirement under the blackbird depredation order, which is currently being handled by Wildlife Services.

Control Measures: Habitat management (i.e., grass management, roost removal, etc.) and exclusion are usually the most cost effective methods because they serve as long term deterrents. Exclusion can be considered as covering trailers full of residue material awaiting transport and closing roll-up bay doors to prevent access to the interior of the facility. If doors cannot be closed due to safety or fire concerns, bird barriers such as clear plastic barrier straps or forced air barriers can be installed in the door way.

Habitat management alone is not enough to discourage European starlings. Often birds simply move to another location at the facility so it is important to be persistent in harassing this bird species. Shooting as reinforcement to harassment, toxicant applications, or trapping can also be used as population control methods if the birds become habituated to pyrotechnics or other non-lethal methods. Other black-birds are much less common on site and they are generally controlled in conjunction with starlings when necessary.

Damage Threat to Aircraft: European starlings and black-birds are considered hazardous to aviation because of the large flocks they form and their relatively dense body (Seaman et al. 1995). Blackbirds and European starlings rank 2nd out of the 21 wildlife species most often reported struck by aircraft and 19th of 21 species causing damage when reported struck by aircraft (Dolbeer et al. 2000). European starlings are the sixth most commonly struck species and were responsible for \$8,132,087 in damage between 1990 and 2019 (Dolbeer et al. 2021). In October of 1960, a Lockheed Electra turbo-prop aircraft ingested European starlings into all engines during takeoff at Logan Airport and crashed resulting in 62 human fatalities.

Observations: The number of European starlings harassed or removed in 2020-21 decreased slightly, 9.25% from 2019-20, down to 31,015 from 34,177. Starlings were observed on 26 of 40 visits from April 27, 2020 to April 6, 2021. WS used a combination of harassment and trapping to manage starling numbers at the facility. There were 148 starlings lethally removed using the decoy trap.

Corvids:

Description: The corvid guild at MIRA consists entirely of American crows. American crows are large sized passerine birds of the family Corvidae. The Corvidae family includes American and fish crows, blue jays and common ravens. All are considered highly intelligent and social. American crows are omnivores and capable of consuming a wide range of food types including: fruits, grains, seeds, nuts, small vertebrates, insects and other invertebrates, refuse and carrion. Studies show that crows consume over 600 different food items. Crows commonly feed in open areas, especially when there is dense cover nearby such as trees or heavy brush.

Legal Status: American crows are protected by the Migratory Bird Treaty Act, but certain species may be taken under the Federal Crow and Blackbird Depredation Order. American and fish crows are included in the blackbird depredation order and “may be taken when causing or about to commit damage to...or when concentrated in numbers or in a manner as to constitute a health hazard or nuisance”. As with other blackbirds, there is now a reporting requirement under the blackbird depredation order which will be handled by Wildlife Services. American crows may be hunted with a valid Connecticut state hunting license during the 2020 open seasons from January 11th through March 28th Monday through Saturday, August 8th through October 9th and October 17th through November 30th on Wednesday, Friday, and Saturday, ½ hour before

sunrise to ½ hour after sunset. These regulations may vary each year, so be sure to check each year for changes.

Control Measures: The most effective method to prevent crows from using an area is habitat modification. This method includes allowing the grass to grow taller than 7 inches, removing trees used for roosting and structures used for perching. If crows continue to use the facility, they should be dispersed with pyrotechnics and reinforced with an air rifle.

Damage Threat to Aircraft: Crows can inflict severe damage to aircraft. Fortunately, most crows are somewhat adept when it comes to avoiding aircraft, and are generally not considered a great threat to aviation. However, this does not mean they can be dismissed as a hazard altogether. They are known to form large flocks, especially during the fall and winter which increases the potential for damaging strikes. There were 555 American crow strikes responsible for \$2,119,774 in damage to civil aircraft between 1990 and 2019 (Dolbeer et. al 2021). Crows and ravens rank 14th out of the 21 most struck species groups and rank 18th out of 21 species based on the number of strikes resulting in major damages (Dolbeer et al. 2000).

Observations: The number of American crows harassed or taken in 2020-21 increased 118.4% from 2019-21, to 2,123 from 972. Crows were observed on 26 of 40 visits from April 27, 2020 to April 6, 2021. This is a significant increase in overall observations of crows at MIRA. American crows congregate in large numbers during winter months as they travel to and from winter roosting sites and tend to gather at the facility starting late in October and disperse by late March. It is possible that the increase in crow numbers is simply the result of the Hartford winter crow roost relocating to a site closer to MIRA during the winter of 2020-21. There were no American crows lethally removed and 2,123 American crows non-lethally dispersed with pyrotechnics.

Other Wildlife of Concern:

Rock pigeons:

Description: Feral pigeons, commonly referred to as rock pigeons or rock doves, are familiar birds that are abundant in cities and farms throughout Connecticut. Pigeons are powerful fliers with robust bodies, small heads, and short beaks. Feral pigeons tend to fly at higher altitude, descending to their destination in a rapid circling pattern with their wings spread back. Although both species are primarily granivorous, they will occasionally consume protein rich animal matter such as insect larvae. Pigeons are known for readily accepting handouts from humans.

Legal Status: Rock pigeons, like European starling, are an introduced species and are not protected by federal law and are minimally protected by Connecticut law. They may be killed at any time of year without a permit when concentrated in a manner that constitutes a threat to human health and safety.

Control Measures: Exclusion by closing roll-up bay doors to prevent access to the interior of the facility and lethal control using an air rifle are the primary methods available for controlling pigeons. Trapping can be effective, but is best when conducted on a rooftop or similar structure near feeding or roosting sites.

Damage Threat to Aircraft: Although pigeons are not as large-bodied as many species considered dangerous to air safety, they are still a concern because of their flocking behavior, which increases the risk of collision with aircraft. Nationally this species is the 7th most commonly struck species and has accounted for \$13,790,721 in damage between 1990 and 2019 (Dolbeer et al. 2021). Pigeons ranked 11th out of the top 21 species resulting in major damage to aircraft (Dolbeer et al. 2000).

Observations: WS did not observe rock pigeons in sufficient numbers to require recording observations at the Connecticut Solid Waste System Facility during the duration of the operational control program. Although there have been no significant observations, this species could return in larger numbers at any time due to the large population in the Hartford area.

House Sparrows

Description: House sparrows are small brown granivorous (seed-eating) birds with thick, heavy bills for opening seed husks that form loose flocks, especially during the winter months. Males have a distinct black facial mask and females are uniformly streaked brown.

Legal Status: House sparrows, like both European starlings and rock pigeons, are an introduced species and are not protected by federal law and are minimally protected by Connecticut law. They may be killed at any time of year without a permit when concentrated in a manner that constitutes a threat to human health and safety.

Control Measures: Exclusion by closing roll-up bay doors to prevent access to the interior of the facility and lethal control using an air rifle are the primary methods available for controlling pigeons. Trapping can be effective, but is best when conducted on a rooftop or similar structure near feeding or roosting sites. House sparrows are cavity nesters; they build straw and grass nests in holes and confined spaces, commonly in buildings and other structures. These nests can result in clogged rooftop drains or result in fires when nests are made in electrical devices such as lights or circuit boxes. These nests should be removed, along with any eggs or chicks, and excluded whenever possible.

Damage Threat to Aircraft: Due to their small size and loose flocking behavior, house sparrows are not a significant threat to aviation safety. House sparrows have been identified in 391 strikes resulting in \$2,338.00 worth of damages from 1990 to 2019 (Dolbeer et al. 2021).

Observations: Similar to rock pigeons, WS did not observe house sparrows in sufficient numbers to require recording observations 2021-20. There were no house sparrows lethally taken or non-lethally dispersed. Although there have been no significant observations, this species could return in larger numbers at any time due to the large population in the Hartford area.

Mammals:

WS received no requests for assistance from MIRA staff to deal with dogs, cats, or other mammals frequenting the Connecticut Solid Waste System Facility during 2020-21. However, Wildlife Services would be able to facilitate capture and transport of dogs and cats to a shelter or veterinary care upon request. Wildlife Service will also continue to be able to assist MIRA with damage and threats caused by mammals such as raccoons, Virginia opossums and striped skunks, with the exception of urban rodents.

Summary

WS used a variety of methods to manage wildlife at the Connecticut Solid Waste System Facility including non-lethal harassment and trapping to reduce overall bird populations. Harassment was combined with alternative methods to reduce the overall starling and other bird populations.

In total, WS removed a total of 148 European starlings to manage the local. Lethal bird removal and non-lethal dispersal also reduce property damage and threats to human health and safety and aviation safety at neighboring Hartford-Brainard Airport.

All European starlings were captured with the decoy trap. As previously discussed, no gulls, crows, rock pigeons, house sparrows, or other bird species were taken.

In total, WS used a total of 99 pyrotechnics, 21 bird bombs and 78 whistler/screamers to disperse 33,007 birds (2,123 American crows, 17 herring gulls, and 30,867 European starlings) from the Connecticut Solid Waste System Facility.

Recommendations

WS recommends a continuation of a proactive wildlife management program at the Connecticut Solid Waste System Facility to reduce the threat to human health and safety caused by birds and their droppings. Proactive management of wildlife at the facility shows a due-diligence and can reduce or eliminate liabilities if a damaging bird strike were to occur at Hartford-Brainard Airport. Furthermore, direct communication with Hartford-Brainard Airport must occur when conducting operational control at the facility to reduce further threats to aviation.

Recommendations at this time would be to ensure that personnel loading residue material in trailers continue to cover the trailers while they sit awaiting transport. Birds feed from the trailers regardless of the time of year. Covering trailers prevents easy access of birds to the residue material. This will help to prevent a habituation of birds to the site and reduce bird numbers overall. To date, most trailers get covered, but more trailers have been left uncovered while awaiting transport as the bird numbers have declined.

WS recommends the installation of a pigeon trap to reduce the numbers of pigeons using the power generation portion of the facility if this becomes an issue of concern during 2021-22. WS believes the pigeons roost and nest at the power generation side of the plant. In past years these birds have been observed flying over and feeding on the waste processing side of the facility. Accumulations of pigeon droppings are known to harbor diseases that can be transferred to humans. Furthermore, pigeon droppings are corrosive and can lead to damage to the facilities.

WS recommends keeping roll-up doors closed as much as possible or installing barriers which will help prevent birds from entering the facility. WS observed high numbers of starlings flying into all open bay doors to access the interior of the facility. The most widely used doors are East and West RDF and doors facing the west side of the facility.

WS recommends continued live trapping of raccoons, opossums, skunks, and other medium and small mammals that occur within the facility as the need arises. These mammal species can carry a variety of diseases that are transmittable to humans. WS recommends that MIRA either hire a private nuisance wildlife control operator or pest control operator to manage woodchucks and other rodents. Alternatively, WS can provide technical assistance so MIRA staff can manage woodchucks and other rodents without outside assistance. WS also recommends that stray and feral cats on the facility either be turned over to licensed animal shelters or provided veterinary care to include stray/neuter and vaccination.

WS would like to thank MIRA and NAES for allowing WS to conduct operational control at the Connecticut Solid Waste System Facility. WS looks forward to working with MIRA in the future to reduce wildlife conflicts and development of more effective management techniques.

Appendix 1

Dolbeer, R. A., M. J. Begier, P.R. Miller, J. R. Weller, and A. L. Anderson. 2021. Wildlife Strikes to Civil Aircraft in the United States, 1990-2019, Serial Report Number 26. U.S. Department of Transportation, Federal Aviation Administration, Office of Airport Safety and Standards, Airport Safety and Certification, Washington, D.C., USA.

Dolbeer, R.A., S.E. Wright, and E.C. Cleary. 2000. Ranking the hazard level of wildlife species to aviation. Wildlife Society Bulletin 28:372-378.

Appendix 2




Page 1 of 2
DEPREDATION

Permit Number: MB826758-0
Effective: 01/01/2020 Expires: 12/31/2020

Issuing Office:

Department of the Interior
U.S. FISH AND WILDLIFE SERVICE
Migratory Bird Permit Office
300 Westgate Center Drive
Hadley, MA 01035-0779
Tel: 413-253-8643 Fax: 413-253-8424


CHIEF, MIGRATORY BIRD PERMIT OFFICE - REGION 5

Permittee:

MATERIAL INNOVATION AND RECYCLING AUTHORITY
200 CORPORATE PLACE
SUITE 202
ROCKY HILL, CT 06067
U.S.A.

COPY

Name and Title of Principal Officer:

PETER W. EGAN - DIRECTOR OF ENVIRONMENTAL SERVICES

Authority: Statutes and Regulations: 16 USC 703-712; 50 CFR Part 13, 50 CFR 21.41.

Location where authorized activity may be conducted:

Connecticut Solid Waste System Facility, 300 Maxim Road, Hartford, CT and Regional Recycling Center, 211 Murphy Road, Hartford, CT

Reporting requirements:

ANNUAL REPORT DUE WITH NEXT RENEWAL or IF NOT RENEWING 30 days after permit expiration even if you had no activity. Forms at: <http://www.fws.gov/forms/3-202-9.pdf>

Authorizations and Conditions:

A. General conditions set out in Subpart B of 50 CFR 13, and specific conditions contained in Federal regulations cited above, are hereby made a part of this permit. All activities authorized herein must be carried out in accord with and for the purposes described in the application submitted. Continued validity, or renewal of this permit is subject to complete and timely compliance with all applicable conditions, including the filing of all required information and reports.

B. The validity of this permit is also conditioned upon strict observance of all applicable foreign, state, local tribal, or other federal law.

C. Valid for use by permittee named above

D. Authorized to kill by means of shotgun, using non-toxic shot, rifle, or air rifle, or live capture followed by euthanasia*, up to:

(a) TWENTY (20) EACH: Herring gulls, Great black-backed gulls, Ring-billed gulls;

(b) FIVE (5) EACH: Glaucous gulls, Icelandic gulls, Laughing gulls, or Lesser black-backed gulls;

and MUST destroy carcasses. Lethal take is not to be the primary means of control. Active hazing, harassment or other non-lethal techniques must continue in conjunction with any lethal take of migratory birds.

State Restrictions: No species may be taken which is State listed as Endangered, Threatened or Special Concern without prior authorization from the Connecticut Department of Environmental Protection Commissioner Tel: (860) 424-3011. Included on the State list, among other species, are Peregrine falcon, Short-eared owl, Northern harrier, Upland sandpiper and Grasshopper sparrow.

E. The following subpermittees are authorized: Employees of Connecticut Resources Recovery Authority and employees of USDA/APHIS Wildlife Services. In addition, any other person who is (1) employed by or under contract to you for the activities specified in this permit, or (2) otherwise designated a subpermittee by you in writing to the Federal permit issuing office, may exercise the authority of this permit.



Permit Number: MB826758-0
Effective: 01/01/2020 Expires: 12/31/2020

F. You and any subpermittees must comply with the attached Standard Conditions for Migratory Bird Depredation Permits. These standard conditions are a continuation of your permit conditions *and must remain with your permit*.

G. A "No Feeding Policy" must be in place.

For suspected illegal activity, immediately contact USFWS Law Enforcement at: Tolland, CT 860-871-8348

*Euthanasia procedures must follow the American Veterinary Medical Association Guidelines
<<https://www.avma.org/KB/Policies/Documents/euthanasia.pdf>>



Standard Conditions Migratory Bird Depredation Permits 50 CFR 21.41

All of the provisions and conditions of the governing regulations at 50 CFR part 13 and 50 CFR part 21.41 are conditions of your permit. Failure to comply with the conditions of your permit could be cause for suspension of the permit. The standard conditions below are a continuation of your permit conditions and must remain with your permit. If you have questions regarding these conditions, refer to the regulations or, if necessary, contact your migratory bird permit issuing office. For copies of the regulations and forms, or to obtain contact information for your issuing office, visit: <http://www.fws.gov/migratorybirds/mbpermits.html>.

1. To minimize the lethal take of migratory birds, you are required to continually apply non-lethal methods of harassment in conjunction with lethal control.
[Note: Explosive Pest Control Devices (EPCDs) are regulated by the Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF). If you plan to use EPCDs, you require a Federal explosives permit, unless you are exempt under 27 CFR 555.141. Information and contacts may be found at www.atf.gov/explosives/how-to/become-an-fel.html.]
2. Shotguns used to take migratory birds can be no larger than 10-gauge and must be fired from the shoulder. You must use nontoxic shot listed in 50 CFR 20.21(j).
3. You may not use blinds, pits, or other means of concealment, decoys, duck calls, or other devices to lure or entice migratory birds into gun range.
4. You are not authorized to take, capture, harass, or disturb bald eagles or golden eagles, or species listed as threatened or endangered under the Endangered Species Act found in 50 CFR 17, without additional authorization.

For a list of threatened and endangered species in your state, visit the U.S. Fish and Wildlife Service's Threatened and Endangered Species System (TESS) at: <http://www.fws.gov/endangered>.

5. If you encounter a migratory bird with a Federal band issued by the U.S. Geological Survey Bird Banding Laboratory, Laurel, MD, report the band number to 1-800-327-BAND (2263) or <http://www.reportband.gov>.
6. This permit does not authorize take or release of any migratory birds, nests, or eggs on Federal lands without additional prior written authorization from the applicable Federal agency, or on State lands or other public or private property without prior written permission or permits from the landowner or custodian.
7. Unless otherwise specified on the face of the permit, migratory birds, nests, or eggs taken under this permit must be:
 - (a) turned over to the U.S. Department of Agriculture for official purposes, or
 - (b) donated to a public educational or scientific institution as defined by 50 CFR 10, or
 - (c) completely destroyed by burial or incineration, or
 - (d) with prior approval from the permit issuing office, donated to persons authorized by permit or regulation to possess them.

(page 1 of 2)

8. A subpermittee is an individual to whom you have provided written authorization to conduct some or all of the permitted activities in your absence. Subpermittees must be at least 18 years of age. As the permittee, you are legally responsible for ensuring that your subpermittees are adequately trained and adhere to the terms of your permit. You are responsible for maintaining current records of who you have designated as a subpermittee, including copies of designation letters you have provided.
9. You and any subpermittees must carry a legible copy of this permit, *including these Standard Conditions*, and display it upon request whenever you are exercising its authority.
10. You must maintain records as required in 50 CFR 13.46 and 50 CFR 21.41. All records relating to the permitted activities must be kept at the location indicated in writing by you to the migratory bird permit issuing office.
11. Acceptance of this permit authorizes the U.S. Fish and Wildlife Service to inspect any wildlife held, and to audit or copy any permits, books, or records required to be kept by the permit and governing regulations.
12. You may not conduct the activities authorized by this permit if doing so would violate the laws of the applicable State, county, municipal or tribal government or any other applicable law.

(DPRD - 12/3/2011)

TAB E

FISCAL YEAR 2021 LEGAL REQUEST FOR SERVICES

FOR PERIOD ENDING 3/31/21

LEGAL FIRM	Matter	Board Approval	PO Number	PO Amount	FY21 expenses paid from FY21 PO	FY20 expenses paid from FY21 PO	FY21 accrued estimates	FY20 expenses Paid from FY20 PO (not accrued in FY20)	FY20 over/under accrual, Refunds received etc	Total per General ledger
Cohn Birnbaum & Shea	South Meadows Exit Strategy		PO#13960	\$ 3,200	\$ 781					\$ 781
	Ellington									\$ -
Total Cohn Birnbaum & Shea		\$15,000.00		\$ 3,200	\$ 781	\$ -	\$ -	\$ -	\$ -	\$ 781
Day Pitney	NPDES Permitting Support			\$ -						\$ -
Total Day Pitney		\$15,000.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Halloran & Sage	GC - Authority Budget		PO#13975	\$ 25,000	\$ 18,792		\$ 6,208		\$ (8)	\$ 24,992
	Pending		Pending	\$ 25,000			\$ 2,492			\$ 2,492
	Property Division		PO#13976	\$ 5,000			\$ -			\$ -
	CSWS		PO#13977	\$ 25,000	\$ 25,000		\$ -			\$ 25,000
			PO#14099	\$ 50,000	\$ 20,488		\$ 29,512			\$ 50,000
	Pending		Pending	\$ 50,000			\$ 17,488			\$ 17,488
	FCR		PO#13978	\$ 200,000	\$ 200,000		\$ -		\$ 20,413	\$ 220,413
			PO#14098	\$ 300,000	\$ 256,953		\$ 5,800			\$ 262,753
										\$ -
	Resource rediscovery			\$ 10,000			\$ -		\$ (316)	\$ (316)
										\$ -
	Landfill Division		PO#13974	\$ 5,000						\$ -
	MidCT									\$ -
Beginning Halloran & Sage		\$700,000.00		\$ 695,000	\$ 521,233	\$ -	\$ 61,500	\$ -	\$ 20,089	\$ 602,822
Kainen, Escalera & McHale	Employment		PO#14010	\$ 10,000	\$ 5,635					\$ 5,635
Total Kainen, Escalera & McHale		\$20,000.00		\$ 10,000	\$ 5,635	\$ -	\$ -	\$ -	\$ -	\$ 5,635
Melick & Porter	Tremont									\$ -
										\$ -
Total Melick & Porter				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS:		\$750,000.00		\$ 708,200	\$ 527,648	\$ -	\$ 61,500	\$ -	\$ 20,089	\$ 609,237
										<i>Agrees with Gen Ledger</i>

Start new year:

Cohn Birnbaum shea	15,000.00
Day Pitney	15,000.00
H&S	400,000.00
Kainen	20,000.00
Melick & Porter	-

450,000.00

Nov BOD resolution-H&S \$300,000

750,000.00

TAB F



211 MURPHY ROAD • HARTFORD • CONNECTICUT • 06114 • TELEPHONE(860) 757-7700
VISITOR CENTER (860) 757-7765
FACSIMILE(860) 278-8471

MEMORANDUM

To: Tom Kirk, President

From: Tom Gaffey, Director of Recycling & Enforcement

A handwritten signature in dark ink, appearing to read "T. Gaffey", is written over the "From:" line.

RE: March2021 Rejected Recycling Loads

Date: April 6, 2021

TOWN	DATE	HAULER
Bloomfield	3/04/21	All American
	3/10/21	All American
	3/11/21	All American
	3/12/21	All American
	3/15/21	All American
	3/22/21	All American
	3/24/21	All American
	3/26/21	All American
	3/31/21	All American
East Hampton	3/08/21	All Waste
East Hartford	3/01/21	Trashaway
	3/01/21	Trashaway
	3/02/21	Trashaway
	3/03/21	Trashaway
	3/03/21	Trashaway
	3/04/21	Trashaway
	3/04/21	Trashaway
	3/08/21	Trashaway
	3/08/21	Trashaway
	3/08/21	Trashaway
	3/09/21	Trashaway
	3/10/21	Trashaway
	3/10/21	Trashaway
3/10/21	Trashaway	

	3/12/21	Trashaway
	3/15/21	Trashaway
	3/15/21	Trashaway
	3/16/21	Trashaway
	3/16/21	Trashaway
	3/17/21	Trashaway
	3/17/21	Trashaway
	3/22/21	Trashaway
	3/22/21	Trashaway
	3/23/21	Trashaway
	3/23/21	Trashaway
	3/24/21	Trashaway
	3/24/21	Trashaway
	3/29/21	Trashaway
	3/29/21	Trashaway
	3/31/21	Trashaway
	3/31/21	Trashaway
Essex TS	3/02/21	CWPM
	3/10/21	CWPM
Glastonbury	3/16/21	New Day Rubbish & Recycling
Haddam	3/02/21	All Waste
Hartford	3/04/21	City of Htfd
Newington	3/26/21	Trashaway
North Branford	3/02/21	John's Refuse
	3/03/21	John's Refuse
	3/04/21	John's Refuse
	3/11/21	John's Refuse
	3/12/21	John's Refuse
	3/16/21	John's Refuse
	3/19/21	John's Refuse
	3/22/21	John's Refuse
	3/24/21	John's Refuse
Portland	3/31/21	All Waste

Rocky Hill	3/31/21	Trashaway
Simsbury	3/10/21	Paine's
Torrington TS	3/04/21	USA Hauling & Recycling
	3/31/21	USA Hauling & Recycling
Watertown TS	3/05/21	CWPM
	3/05/21	CWPM
	3/05/21	CWPM
	3/16/21	CWPM
Wethersfield	3/04/21	Paines
	3/25/21	Paines
TOTALS:	67 REJECTED LOADS	256.26 TONS