



MEMORANDUM

TO: MIRA Board of Directors
FROM: Donald S. Stein, Chairman
DATE: August 5, 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, August 11, 2021 at 9:30 a.m.*

Members of the public may attend the meeting in person in the board room at MIRA headquarters (masks required), or may attend the meeting telephonically by calling (929) 205-6099, entering Meeting ID: 879 6009 1018, and entering Passcode: 380896# 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. Finance Committee Report – No Report
- IV. Policies and Procurement Committee Report – No Report
- V. OS & HR Committee Report – No Report
- VI. Board Action will be sought for a Resolution Regarding Agreements for Interruptible Contract Waste (*Attachment 1*).
- VII. Chairman's and President's Report
 - a. Attached Supplemental Information / Other Matters
- VIII. Discussion regarding solid waste permit modification application associated with conducting MSW transfer activities at the Waste Processing Facility.

TAB 1

**RESOLUTION REGARDING INTERRUPTIBLE CONTRACT WASTE
DELIVERY AGREEMENT FOR DELIVERY OF ACCEPTABLE SOLID
WASTE TO THE CONNECTICUT SOLID WASTE SYSTEM**

RESOLVED: The President is authorized to enter into a revenue contract with the following firms for the delivery of Interruptible Contract Waste to the Connecticut Solid Waste System, substantially as presented and discussed at this meeting:

- Country Transfer LLC
- Murphy Road Recycling LLC

**Connecticut Solid Waste System
Interruptible Contract Waste Delivery Agreement**

CONTRACT SUMMARY

Presented to Board: August 11, 2021

Counterparty: Country Transfer LLC (for purposes of this summary “Contractor”)

Contract Type: Revenue – Interruptible Contract Waste (“ICW”) Delivery Agreement

Facility: Connecticut Solid Waste System

Revenue: Up to 15,660 tons per year at \$80.00/ton.

Term: Beginning upon execution and terminating 6/30/2022

Term Extensions: None

Delivery Requirement: Contractor agrees to deliver up to 15,660 tons of Acceptable Solid Waste (final award determination to be made by MIRA management, in negotiation with vendor, after analysis of CSWS RRF performance and capacity), which is referred to as Interruptible Contract Waste. Acceptable Solid Waste delivered under this agreement cannot originate in a Municipality that has a Tier 1 Municipal Services Agreement with MIRA. Delivery requirements of the ICW delivery agreement are distinguished from MIRA’s revised Standard Hauler Agreement as follows:

- MIRA is obligated to provide 48 hours’ notice of an interruption under the ICW delivery agreement. The Standard Hauler Agreement requires 14 calendar days.
- The ICW delivery agreement does not provide an option to continue deliveries during an impairment subject to additional Bypass Charges. The Standard Hauler Agreement does.
- MIRA is not obligated to use commercially reasonable efforts to overcome any operational constraint under the ICW delivery agreement. It is so obligated under the Standard Hauler Agreement.

- The ICW delivery agreement does not provide Contractor the option to resume contracted deliveries upon the conclusion of an impairment (resumption is mandatory). The Standard Hauler Agreement provides hauler the option whether or not to resume deliveries after an impairment.

Put-or-Pay:

The Contractor is subject to monthly delivery commitments. Failure to meet their monthly delivery commitment subjects the Contractor to a delivery payment in the amount of \$80/ton, for each ton of waste not delivered.

Delivery Standard:

Acceptable Solid Waste in accordance with Connecticut Solid Waste System Permitting, Disposal & Billing Procedures.

Credit Security:

Guaranty of payment in a form of letter of credit, surety bond or cashier's check in accordance with MIRA's Permitting, Billing and Disposal Procedures.

**Connecticut Solid Waste System
Interruptible Contract Waste Delivery Agreement**

CONTRACT SUMMARY

Presented to Board: August 11, 2021

Counterparty: Murphy Road Recycling LLC (for purposes of this summary
“Contractor”)

Contract Type: Revenue – Interruptible Contract Waste (“ICW”) Delivery Agreement

Facility: Connecticut Solid Waste System

Revenue: Up to 20,700 tons per year at \$80.00/ton.

Term: Beginning upon execution and terminating 6/30/2022

Term Extensions: None

Delivery Requirement: Contractor agrees to deliver up to 20,700 tons of Acceptable Solid Waste (final award determination to be made by MIRA management, in negotiation with vendor, after analysis of CSWS RRF performance and capacity), which is referred to as Interruptible Contract Waste. Acceptable Solid Waste delivered under this agreement cannot originate in a Municipality that has a Tier 1 Municipal Services Agreement with MIRA. Delivery requirements of the ICW delivery agreement are distinguished from MIRA’s revised Standard Hauler Agreement as follows:

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- The ICW delivery agreement does not provide an option to continue deliveries during an impairment subject to additional Bypass Charges. The Standard Hauler Agreement does.
- MIRA is not obligated to use commercially reasonable efforts to overcome any operational constraint under the ICW delivery agreement. It is so obligated under the Standard Hauler Agreement.

- The ICW delivery agreement does not provide Contractor the option to resume contracted deliveries upon the conclusion of an impairment (resumption is mandatory). The Standard Hauler Agreement provides hauler the option whether or not to resume deliveries after an impairment.

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Guaranty of payment in a form of letter of credit, surety bond or cashier's check in accordance with MIRA's Permitting, Billing and Disposal Procedures.

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

Interruptible Contract Waste Delivery Agreement

August 11, 2021

Executive Summary

This is to request approval for the President to enter into agreements with two companies for delivery of Interruptible Contract Waste during fiscal year 2022. MIRA conducted a public solicitation to secure these tons of acceptable solid waste for delivery to the CSWS RRF during FY 2022.

Discussion:

These two agreements are to secure up to 36,360 tons of acceptable solid waste for delivery to the MIRA Connecticut Solid Waste System. This acceptable solid waste does not originate in Tier 1 participating municipalities and these tons will not be delivered to MIRA's system under municipal service agreements or standard hauler agreements. Accordingly, MIRA will contract for delivery of this Interruptible Contract Waste to help ensure that sufficient tons of MSW are delivered to the MIRA Hartford Resource Recovery Facility in Fiscal Year 2022. MIRA's Connecticut Solid Waste System FY2022 budget assumes delivery of contract tons, and these ICW tons comprise those budgeted tons.

Overview of RFP

MIRA issued an RFP for Delivery of Interruptible Contract Waste on July 13, 2021. The RFP was posted on the MIRA website and on the State of Connecticut Department of Administrative Services (DAS) State Contracting Portal website in accordance with MIRA's Procurement Policy.

In addition, notice regarding the availability of this RFP was provided to the following groups of waste haulers and/or facility operators, known to operate MSW transfer stations, provide long-distance transportation of MSW, and/or control significant quantities of MSW which could potentially be directed into the CSWS as Interruptible Contract Waste:

- Haulers who have previously contracted with MIRA for Interruptible Contract Waste including Country Transfer LLC; Murphy Road Recycling and CWPM LLC.
- Other waste-to-energy facility operators in and around CT including Community Eco Power (Agawam and Pittsfield MA); Covanta; and Win Waste Innovations.
- Other entities in CT with transfer stations including: AJ Waste Systems; Oak Ridge Waste and Recycling of CT; and Willimantic Waste Paper Company, Inc.

- Other entities outside CT including: Austin Environmental Services, Casella Waste, Goulet Trucking, Mr. Bults, Inc.; Republic Services/Allied Waste Services of MA; and Waste Management.

Responses to the RFP for Delivery of Interruptible Contract Waste were due by August 4, 2021.

MIRA received Proposals from two firms:

- Country Transfer LLC
- Murphy Road Recycling LLC.

Management is recommending entering into an agreement with both respondents as specified herein.

Financial Summary

If all 36,360 tons are awarded and delivered, the revenues associated with these two agreements will equal approximately \$2.9 million. This revenue is associated with the Connecticut Solid Waste System operating budget.



Materials Innovation and Recycling Authority
Regular Board of Directors Meeting
Supplemental Information
August 11, 2021

I. Finance

1. Informational Reports for the period ending June 30, 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

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending June 30, 2021 (*Attachment B*).
2. An update is provided on waste deliveries to the CSWS project for the period ending June 30, 2021 (*Attachment C*).

III. Communications

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

TAB A



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING **June 30, 2021**

DRAFT PENDING AUDIT COMPLETION

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. Except as noted under the Segmented Income Statements, 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 June totaled \$5.39 million (10.8% below budget). Deficits were experienced primarily in non participating town waste deliveries, recycling facility revenue and other energy markets. The CSWS ended the year at 15.2% under budget in terms of operating revenue. Total accrued expenditures for June were \$4.41 million (17.5% under budget). Accrued expenditures ended the year at 11.8% under budget. Accrued expenses include a second revised operating structure for the Recycling Facility that became effective May 1st. A Base Operating Charge, subject to Commodity Rate Adjustment, Management Fee and Transportation Fee became effective with the May 1 transition to Recycling Transfer Operations. The CSWS generated operating income of \$6.56 million for the year which is \$3.66 million under budget. The year end CSWS total budget deficit after income distributions, funded through use of the Tip Fee Stabilization Fund, came in at \$0.07 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 \$0.0365 per kwh in June which is \$0.0094 per kwh (34.6%) above budget. Year to date energy price is 8.7% under budget. The CSWS generated 20.38 million Kwh of energy in June which was 5.77 million Kwh (22.1%) under budget. Year end generation was 15.8% under budget. The plant ran at full capacity for 0 out of 30 days. Overall boiler availability was 65.1% . Boiler 11 was off line for 217.46 hours (69.8% availability) due to tube leaks, a cleaning outage and loss of RDF feed causing a cold iron outage on June 17th. Boiler 12 was off line for 106.55 hours (85.2% availability) due to a superheater rupture, tube leaks and the cold iron outage. Boiler 13 was off line a total of 428.85 hours (40.4% availability) due to a NOX valve malfunction, ash conveyor failure, tube leaks and cold iron. It was put in standby June 18th for the remainder of the month due to lack of fuel. Turbine 5 was reported off line for 6 consecutive days initially due to boiler unavailability and subsequently due to control issues and the cold iron. Turbine 6 was reported off line for 2 consecutive days for troubleshooting and condenser cleaning and subsequently due to the cold iron outage. On a year to date basis, in comparison to this period of fiscal year 2020, energy price is up 6.7%, production is down 6.4% and revenue is down 0.1%.

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.

June deliveries totaled 46,737 tons which is 3,513 tons (7.0%) under budget. Member town deliveries were 2,286 tons (6.2%) above budget while non-participating deliveries were 5,799 tons (43.1%) below budget. Prices for waste hauler tons averaged \$93.00 per ton in June reflecting the FY 2021 adopted tip fees. There were 2,082 tons of other contract waste delivered at an average price of \$76.00 per ton, and 2,997 tons of spot waste delivered at an average price of \$74.91 per ton in June. Price and delivery volume by contract type combine to produce total solid waste delivery revenue that ended the year at 15.8% under budget.



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING **June 30, 2021**

DRAFT PENDING AUDIT COMPLETION

CSWS Recycling Summary - This report reflects current month and year to date recycling activity. Deliveries and exports are stated in terms relevant to contract operations under original terms through January 31, 2021 and pursuant to amended FCR terms effective February 1, 2021.

FCR's amended contract concluded April 30, 2021. In May, final determination of FCR excess residue was made, and unsold commodities were transferred to MRR. The \$3,253 in Recycling Facility revenues for June reflects Authority surcharges for delivery of 62 tons of non-participating recycling. The Recycling Facility ended the year 46% under its revenue budget. In the month of June, MRR's new recycling transfer operation resulted in operating expenses of \$284,568 included in CSWS Recycling Facility accrued expenses (not on the CSWS Recycling Summary). This includes base operating charges of \$191,638, transportation charges of 42,930 and management fee of \$50,000. As indicated separately on the metal sales report, metal sales and excess residue revenue was 105% above budget in June due to strong pricing and volume of recovered metals. The average per ton price in June was \$124.24 which is \$55.86 per ton (82%) above budget while volume recovered was 239.89 tons (15%) above budget. Metal sales ended the year 5% above budget.

Property Division Financials - This report reflects the budget versus actual financial performance of the Property Division for the current month and on a year to date basis. This is an accrual basis report in that revenues are recognized when earned and expenses are recognized when incurred irrespective of the timing of cash receipts or payments. As indicated, revenue to the Property Division was 4.9% below budget in June due to reduced reserve credits and other income. Operating expenses were 38.5% under budget due to savings in Jets Operating Charges. Total operating income came in 8.6% above budget for the year.

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, Property Division receipts for June were sufficient to distribute \$668,726 to the Tip Fee Stabilization Fund. Year to date distributions to the Tip Fee Stabilization Fund in support of FY 2022 budgets for July through August are \$1,236,190. The annual true up of Property Division operating account to six months cash on hand was performed resulting in a \$1,155,304 distribution to the Tip Fee Stabilization Fund. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF, Improvement and Major Maintenance funds causing a \$1,824,030 draw from the Tip Fee Stabilization Fund. After the distribution of April receipts, \$61,986,945 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 June, the Authority advanced \$818,726 from the Major Maintenance Fund to NAES for conveyors, Boiler 13, Auxiliary Systems, roof and ash system repairs.

Segmented Income Statements - This report reflects the revenues and expenses of each Authority division in the format to ultimately appear in its annual independent audit report. This includes a summary reconciliation to budget versus actual report formats. In June the Authority accrued \$5.45 million in liabilities associated with the future decommissioning of the Resource Recovery Facility and separation of NAES personnel in accordance with the Authority's approved severance agreement.

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

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **June 30, 2021**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
Member Towns	\$ 3,352,032	\$ 3,560,134	\$ 208,102	6%	\$ 38,663,865	\$ 37,753,240	\$ (910,625)	-2%
Other Contracts	\$ 455,913	\$ 158,206	\$ (297,706)	-65%	\$ 5,470,950	\$ 2,733,015	\$ (2,737,935)	-50%
Hauler - Direct	\$ 534,536	\$ 187,386	\$ (347,150)	-65%	\$ 6,165,900	\$ 2,052,972	\$ (4,112,928)	-67%
Hauler - TS	\$ 150,767	\$ 51,589	\$ (99,178)	-66%	\$ 1,739,100	\$ 602,799	\$ (1,136,301)	-65%
Spot Waste	\$ -	\$ 224,540	\$ 224,540	#DIV/0!	\$ -	\$ 685,913	\$ 685,913	#DIV/0!
Bypass, Delivery & Other Charges	\$ -	\$ 4,142	\$ 4,142	#DIV/0!	\$ 8,500	\$ 44,555	\$ 36,055	424%
Member Service Fee	\$ 2,352	\$ 2,449	\$ 97	4%	\$ 26,000	\$ 27,160	\$ 1,160	4%
Metal Sales & Excess Residue	\$ 110,068	\$ 225,820	\$ 115,752	105%	\$ 1,319,244	\$ 1,382,549	\$ 63,305	5%
Bulky Waste	\$ 20,489	\$ 74,220	\$ 53,731	262%	\$ 246,750	\$ 362,140	\$ 115,390	47%
Recycling Facility	\$ 184,651	\$ 3,253	\$ (181,398)	-98%	\$ 2,458,354	\$ 1,324,592	\$ (1,133,762)	-46%
Electricity Sales	\$ 708,427	\$ 743,320	\$ 34,893	5%	\$ 10,302,000	\$ 7,925,839	\$ (2,376,161)	-23%
Other Energy Markets	\$ 516,591	\$ 181,122	\$ (335,469)	-65%	\$ 6,380,773	\$ 6,001,926	\$ (378,848)	-6%
Misc. (Interest, Fees, Other)	\$ 1,663	\$ (28,887)	\$ (30,550)	-1837%	\$ 20,000	\$ 842,533	\$ 822,533	4113%
TOTAL ACCRUED REVENUES	\$ 6,037,487	\$ 5,387,293	\$ (650,194)	-10.8%	\$ 72,801,436	\$ 61,739,232	\$ (11,062,204)	-15.2%
EXPENDITURES								
Administrative Expenses	\$ 245,666	\$ 265,217	\$ (19,551)	-8%	\$ 2,483,548	\$ 2,283,394	\$ 200,154	8%
Operational & Contingent . Exp.	\$ 416,408	\$ 31,563	\$ 384,845	92%	\$ 5,176,535	\$ 4,495,481	\$ 681,054	13%
PILOTS & Fees	\$ 211,974	\$ 203,870	\$ 8,104	4%	\$ 2,515,704	\$ 2,351,509	\$ 164,195	7%
Waste Transport	\$ 1,132,524	\$ 985,496	\$ 147,028	13%	\$ 13,131,681	\$ 10,232,354	\$ 2,899,327	22%
Recycling Facility	\$ 79,833	\$ 360,506	\$ (280,673)	-352%	\$ 962,290	\$ 2,833,030	\$ (1,870,740)	-194%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 464,037	\$ 138,066	\$ 325,971	70%	\$ 1,488,142	\$ 1,037,337	\$ 450,805	30%
NAES Contract Operating Charges	\$ 2,429,418	\$ 2,088,050	\$ 341,368	14%	\$ 27,898,938	\$ 26,356,200	\$ 1,542,738	6%
NAES Contract Major Maint.	\$ -	\$ -	\$ -	n/a	\$ 4,500,000	\$ 1,622,345	\$ 2,877,655	64%
NAES On-Site Incentive Comp.	\$ 83,027	\$ 83,027	\$ -	0%	\$ 996,302	\$ 800,427	\$ 195,875	20%
NAES Management Fees	\$ 103,129	\$ 84,976	\$ 18,153	18%	\$ 1,237,570	\$ 1,080,782	\$ 156,788	13%
Transfer Station - Ellington	\$ 1,350	\$ 377	\$ 973	72%	\$ 19,500	\$ 13,130	\$ 6,370	33%
Transfer Station - Essex	\$ 65,555	\$ 62,042	\$ 3,513	5%	\$ 788,034	\$ 755,902	\$ 32,132	4%
Transfer Station - Torrington	\$ 49,920	\$ 46,548	\$ 3,372	7%	\$ 600,458	\$ 570,757	\$ 29,701	5%
Transfer Station - Watertown	\$ 65,193	\$ 61,489	\$ 3,704	6%	\$ 783,734	\$ 747,382	\$ 36,352	5%
TOTAL ACCRUED EXPENDITURES	\$ 5,348,034	\$ 4,411,227	\$ 936,807	17.5%	\$ 62,582,436	\$ 55,180,030	\$ 7,402,406	11.8%
OPERATING INCOME (Before Reserves / Transfers)	\$ 689,453	\$ 976,066	\$ 286,614	42%	\$ 10,219,000	\$ 6,559,202	\$ (3,659,798)	-36%
DISTRIBUTION OF CSWS OPERATING INCOME								
Debt Service Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ 850,000	\$ 714,000	\$ (136,000)	-16%
CSWS Major Maint. Fund	\$ 573,000	\$ 423,000	\$ (150,000)	-26%	\$ 14,369,000	\$ 10,775,000	\$ (3,594,000)	-25%
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 573,000	\$ 423,000	\$ (150,000)	-26%	\$ 15,219,000	\$ 11,489,000	\$ (3,730,000)	-25%
SURPLUS / (DEFICIT)	\$ 116,453	\$ 553,066	\$ 436,614	375%	\$ (5,000,000)	\$ (4,929,798)	\$ 70,202	-1%

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

[Narrative](#)

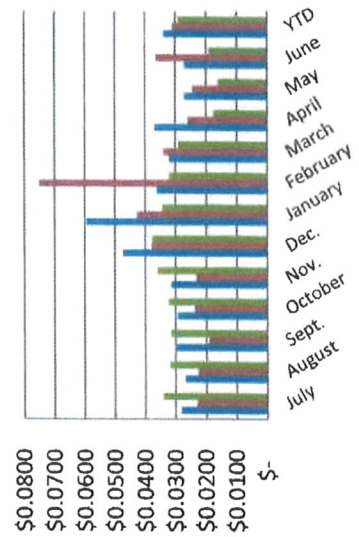
CSWS Electricity Production

Period Ending:

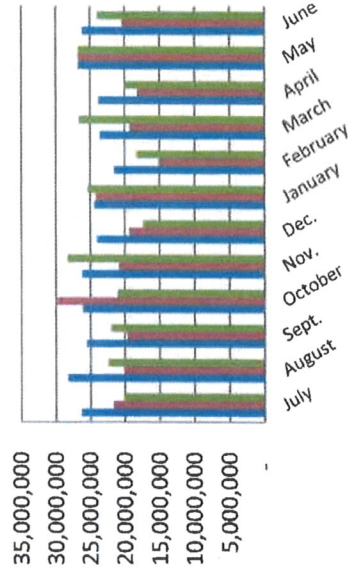
June 30, 2021

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	\$ 0.0258	\$ (0.0112)	23,870,221	18,203,040	(5,667,181)	\$ 883,198	\$ 469,977	\$ (413,221)
May	\$ 0.0271	\$ 0.0244	\$ (0.0027)	26,801,634	26,827,530	25,896	\$ 726,324	\$ 654,198	\$ (72,126)
June	\$ 0.0271	\$ 0.0365	\$ 0.0094	26,141,211	20,375,810	(5,765,401)	\$ 708,427	\$ 743,320	\$ 34,893
YTD	\$ 0.0340	\$ 0.0311	\$ (0.0029)	303,000,000	255,187,340	(47,812,660)	10,302,000	7,925,839	\$ (2,376,161)
YTD % Var.			-8.7%			-15.8%			-23.1%

Price / KWh



Production (KWh)



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

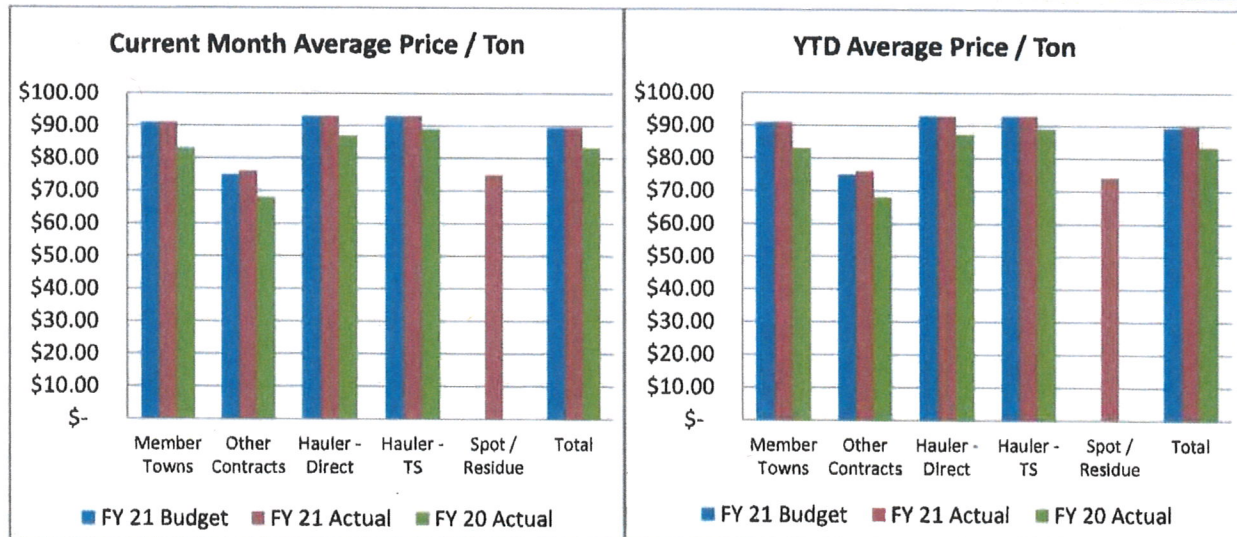
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CSWS Solid Waste Summary

Period Ending:

June 30, 2021

FY 21 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	36,802	\$ 3,352,032	\$ 91.08	424,515	\$ 38,663,865	\$ 91.08
<u>Other Contracts</u>	6,079	\$ 455,913	\$ 75.00	72,946	\$ 5,470,950	\$ 75.00
<u>Hauler - Direct</u>	5,748	\$ 534,536	\$ 93.00	66,300	\$ 6,165,900	\$ 93.00
<u>Hauler - TS</u>	1,621	\$ 150,767	\$ 93.00	18,700	\$ 1,739,100	\$ 93.00
<u>Spot / Residue</u>	-	\$ -	\$ -	-	\$ -	\$ -
Total	50,250	\$ 4,493,247	\$ 89.42	582,461	\$ 52,039,815	\$ 89.34
FY 21 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	39,088	\$ 3,560,134	\$ 91.08	414,506	\$ 37,753,240	\$ 91.08
Other Contracts	2,082	\$ 158,206	\$ 76.00	35,961	\$ 2,733,015	\$ 76.00
Hauler - Direct	2,015	\$ 187,386	\$ 93.02	22,090	\$ 2,052,972	\$ 92.94
Hauler - TS	555	\$ 51,589	\$ 93.00	6,482	\$ 602,799	\$ 93.00
Spot / Residue	2,997	\$ 224,540	\$ 74.91	9,246	\$ 685,913	\$ 74.18
Total	46,737	\$ 4,181,855	\$ 89.48	488,285	\$ 43,827,939	\$ 89.76
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	2,286	\$ 208,102	\$ (0.00)	(10,009)	\$ (910,625)	\$ 0.00
Other Contracts	(3,997)	\$ (297,706)	\$ 1.00	(36,985)	\$ (2,737,935)	\$ 1.00
Hauler - Direct	(3,733)	\$ (347,150)	\$ 0.02	(44,210)	\$ (4,112,928)	\$ (0.06)
Hauler - TS	(1,066)	\$ (99,178)	\$ -	(12,218)	\$ (1,136,301)	\$ -
Spot / Residue	2,997	\$ 224,540	\$ 74.91	9,246	\$ 685,913	\$ 74.18
Total	(3,513)	\$ (311,392)	\$ 0.06	(94,176)	\$ (8,211,876)	\$ 0.41
Total % Var.	-7.0%	-6.9%	0.1%	-16.2%	-15.8%	0.5%



CSWS Recycling Facility (Deliveries)

Period Ending:

June 30, 2021

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 92,576	\$ -	\$ (92,576)	\$ 1,274,531	\$ 768,188	\$ (506,344)
FCR Export Revenue	\$ 1,465	\$ -	\$ (1,465)	\$ 19,022	\$ 243,594	\$ 224,572
Hauler - Direct Tip Fee	\$ 71,760	\$ 2,703	\$ (69,057)	\$ 920,000	\$ 170,986	\$ (749,014)
Hauler - TS Tip Fee	\$ 18,850	\$ 550	\$ (18,300)	\$ 244,800	\$ 141,824	\$ (102,976)
MSA without Recycling	n/a	n/a	n/a	\$ -	\$ -	n/a
Total	\$ 184,651	\$ 3,253	\$ (181,398)	\$ 2,458,354	\$ 1,324,592	\$ (1,133,762)
Total % Var.			-98.2%			-46.1%

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	5,826.60	\$ 8.50	\$ 49,526	837	\$ 7.50	\$ 6,278	\$ 55,804
Commercial	5.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	404	\$ 91.00	\$ 36,773	\$ 36,773
Total	5,831.60	\$ 8.49	\$ 49,526	1,241	\$ 34.69	\$ 43,050	\$ 92,576
Current Month Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	5,007.51	\$ -	\$ -	-	n/a	\$ -	\$ -
Commercial	-	#DIV/0!	\$ -	-	n/a	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	-	#DIV/0!	\$ -	\$ -
Total	5,007.51	\$ -	\$ -	-	#DIV/0!	\$ -	\$ -
Current Month Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	(819.09)	(9)	(49,526)	(837)	n/a	(6,278)	\$ (55,804)
Commercial	(5.00)	#DIV/0!	-	-	n/a	-	\$ -
Total Paid Residue	n/a	n/a	n/a	(404)	#DIV/0!	(36,773)	\$ (36,773)
Total	(824.09)	\$ (8.49)	\$ (49,526)	(1,241)	#DIV/0!	\$ (43,050)	\$ (92,576)

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	70,200.00	\$ 8.50	\$ 596,700	10,000	\$ 7.50	\$ 75,000	\$ 671,700
Commercial	55.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	6,625	\$ 91.00	\$ 602,831	\$ 602,831
Total	70,255.00	\$ 8.49	596,700.00	16,625	\$ 40.77	\$ 677,831	\$ 1,274,531
Year To Date Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	58,816.15	\$ 5.42	\$ 318,709	-	n/a	\$ -	\$ 318,709
Commercial	133.29	\$ -	\$ -	-	n/a	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	5,431	\$ 82.76	\$ 449,478	\$ 449,478
Total	58,949.44	\$ 5.41	318,709.29	5,431	\$ 82.76	\$ 449,478	\$ 768,188
Year To Date Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	(11,383.85)	(3)	(277,991)	(10,000)	n/a	(75,000)	\$ (352,991)
Commercial	78.29	-	-	-	n/a	-	\$ -
Total Paid Residue	n/a	n/a	n/a	(1,194)	(8)	(153,353)	\$ (153,353)
Total	(11,305.56)	(3.09)	(277,990.72)	(11,194)	\$ 41.99	\$ (228,353)	\$ (506,344)

CSWS Recycling Facility (Exports)

Period Ending:

June 30, 2021

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 92,576	\$ -	\$ (92,576)	\$ 1,274,531	\$ 768,188	\$ (506,344)
FCR Export Revenue	\$ 1,465	\$ -	\$ (1,465)	\$ 19,022	\$ 243,594	\$ 224,572
Hauler - Direct Tip Fee	\$ 71,760	\$ 2,703	\$ (69,057)	\$ 920,000	\$ 170,986	\$ (749,014)
Hauler - TS Tip Fee	\$ 18,850	\$ 550	\$ (18,300)	\$ 244,800	\$ 141,824	\$ (102,976)
MSA without Recycling	n/a	n/a	n/a	\$ -	\$ -	n/a
Total	\$ 184,651	\$ 3,253	\$ (181,398)	\$ 2,458,354	\$ 1,324,592	\$ (1,133,762)
Total % Var.			-98.2%			-46.1%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	2,463.42	\$ -	\$ -	154	\$ -	\$ -	\$ -
Residential OCC	850.53	\$ -	\$ -	475	\$ -	\$ -	\$ -
Residential Containers	1,464.73	\$ 1.00	\$ 1,465	92	\$ -	\$ -	\$ 1,465
Commercial	5.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	4,783.68	\$ 0.31	\$ 1,465	721	\$ -	\$ -	\$ 1,465
Current Month Actual							
Residential ONP	-	#DIV/0!	\$ -	-	n/a	\$ -	\$ -
Residential OCC	-	#DIV/0!	\$ -	-	n/a	\$ -	\$ -
Residential Containers	-	#DIV/0!	\$ -	-	n/a	\$ -	\$ -
Commercial	-	#DIV/0!	\$ -	-	n/a	\$ -	\$ -
Total	-	#DIV/0!	\$ -	-	n/a	\$ -	\$ -
Current Month Variance							
Residential ONP	(2,463.42)	#DIV/0!	-	(154)	n/a	-	\$ -
Residential OCC	(850.53)	#DIV/0!	-	(475)	n/a	-	\$ -
Residential Containers	(1,464.73)	#DIV/0!	(1,465)	(92)	n/a	-	\$ (1,465)
Commercial	(5.00)	#DIV/0!	-	-	n/a	-	\$ -
Total	(4,783.68)	#DIV/0!	\$ (1,465)	(721)	n/a	\$ -	\$ (1,465)

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	31,182.53	\$ -	\$ -	1,848	\$ -	\$ -	\$ -
Residential OCC	10,631.65	\$ -	\$ -	5,722	\$ -	\$ -	\$ -
Residential Containers	19,022.50	\$ 1.00	\$ 19,022	1,104	\$ -	\$ -	\$ 19,022
Commercial	55.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	60,891.68	\$ 0.31	\$ 19,022	8,674	\$ -	\$ -	\$ 19,022
Year To Date Actual							
Residential ONP	18,000.80	\$ -	\$ -	-	n/a	\$ -	\$ -
Residential OCC	4,149.97	\$ (7.87)	\$ (32,673)	-	n/a	\$ -	\$ (32,673)
Residential Containers	13,404.09	\$ 20.64	\$ 276,610	-	n/a	\$ -	\$ 276,610
Commercial	133.29	\$ (2.57)	\$ (343)	-	n/a	\$ -	\$ (343)
Total	35,688.15	\$ 6.83	\$ 243,594	-	n/a	\$ -	\$ 243,594
Year To Date Variance							
Residential ONP	(13,181.73)	\$ -	-	(1,848)	n/a	-	\$ -
Residential OCC	(6,481.68)	\$ (7.87)	(32,673)	(5,722)	n/a	-	\$ (32,673)
Residential Containers	(5,618.41)	\$ 19.64	257,587	(1,104)	n/a	-	\$ 257,587
Commercial	78.29	\$ (2.57)	(343)	-	n/a	-	\$ (343)
Total	(25,203.53)	\$ 6.51	\$ 224,572	(8,674)	n/a	\$ -	\$ 224,572

Period Ending: **June 30, 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	1,208.98	\$ 122,930	\$ 101.68	(346.02)	\$ 16,605	\$ 33.30
May	1,555.00	106,325.00	\$ 68.38	1,117.45	\$ 119,053	\$ 106.54	(437.55)	\$ 12,728	\$ 38.16
June	1,555.00	106,325.00	\$ 68.38	1,794.89	\$ 222,992	\$ 124.24	239.89	\$ 116,667	\$ 55.86
YTD	18,660.00	\$ 1,275,900	\$ 68.38	16,273.84	\$ 1,341,661	\$ 82.44	(2,386.16)	\$ 65,761	\$ 14.07

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	58.98	\$ 2,359	\$ 40.00	(25.74)	(1,029.45)	\$ -
May	96.66	\$ 3,866	\$ 40.00	222.15	\$ 8,886	\$ 40.00	125.49	5,019.59	\$ -
June	93.57	\$ 3,743	\$ 40.00	70.69	\$ 2,827	\$ 40.00	(22.89)	(915.53)	\$ -
YTD	1,083.60	\$ 43,344	\$ 40.00	1,022.20	\$ 40,888	\$ 40.00	(61.40)	\$ (2,456)	-

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	1,267.96	125,289.05	\$ 98.81	(371.76)	15,575.40	31.90
May	1,651.66	110,191	\$ 66.72	1,339.60	127,939.13	\$ 95.51	(312.06)	17,747.72	28.79
June	1,648.57	110,068	\$ 66.77	1,865.58	225,819.65	\$ 121.05	217.00	115,751.67	54.28
YTD	19,743.60	\$ 1,319,244	\$ 66.82	17,296.04	\$ 1,382,549	\$ 79.93	(2,447.56)	\$ 63,305	13.12

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

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **June 30, 2021**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
Jets Electric:								
Capacity Payments	\$ 687,675	\$ 687,671	\$ (4)	0.0%	\$ 9,340,464	\$ 9,418,789	\$ 78,325	0.8%
VARS Payments	\$ 3,259	\$ 3,207	\$ (52)	-1.6%	\$ 39,108	\$ 38,215	\$ (893)	-2.3%
Reserve Credits	\$ 50,000	\$ 85,715	\$ 35,715	71.4%	\$ 600,000	\$ 322,145	\$ (277,855)	-46.3%
Real Time Energy	\$ 16,663	\$ 11,168	\$ (5,495)	-33.0%	\$ 200,000	\$ 400,165	\$ 200,165	100.1%
Total Jets Electric	\$ 757,597	\$ 787,761	\$ 30,164	4.0%	\$ 10,179,572	\$ 10,179,314	\$ (258)	0.0%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,664	\$ 1,664	\$ -	0.0%	\$ 19,965	\$ 19,965	\$ -	0.0%
Wheelabrator Lease	\$ 38,079	\$ 38,079	\$ -	0.0%	\$ 456,949	\$ 456,949	\$ -	0.0%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,350	\$ 45,350	\$ -	0.0%
Total Lease Income	\$ 39,743	\$ 39,743	\$ -	0.0%	\$ 522,264	\$ 522,264	\$ -	0.0%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest / Misc. Income	\$ 75,000	\$ 2,422	\$ (72,578)	-96.8%	\$ 300,000	\$ 18,012	\$ (281,988)	-94.0%
TOTAL ACCRUED REVENUES	\$ 872,340	\$ 829,926	\$ (42,414)	-4.9%	\$ 11,001,836	\$ 10,719,590	\$ (282,246)	-2.6%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 22,851	\$ (22,212)	\$ 45,063	197.2%	\$ 286,065	\$ 444,389	\$ (158,324)	-55.3%
MIRA Allocated Costs	\$ 72,633	\$ 83,173	\$ (10,540)	-14.5%	\$ 841,375	\$ 794,803	\$ 46,572	5.5%
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	\$ 2,243	\$ 901	\$ 1,342	59.8%	\$ 27,015	\$ 14,935	\$ 12,080	44.7%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 167,668	\$ 101,283	\$ 66,385	39.6%	\$ 2,044,137	\$ 995,492	\$ 1,048,645	51.3%
TOTAL ACCRUED EXPENDITURES	\$ 265,395	\$ 163,145	\$ 102,250	38.5%	\$ 3,209,092	\$ 2,259,669	\$ 949,423	29.6%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 606,945	\$ 666,781	\$ 59,836	9.9%	\$ 7,792,744	\$ 8,459,921	\$ 667,177	8.6%
DISTRIBUTION OF PD OPERATING INCOME								
General Fund	\$ 606,945	\$ -	\$ (606,945)	n/a	\$ 2,792,744	\$ -	\$ (2,792,744)	n/a
MIRA Severance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Major Maintenance	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 606,945	\$ -	\$ (606,945)	n/a	\$ 2,792,744	\$ -	\$ (2,792,744)	n/a
SURPLUS / (DEFICIT)	\$ (0)	\$ 666,781	\$ 666,781	#####	\$ 5,000,000	\$ 8,459,921	\$ 3,459,921	69.2%

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

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Property Division and CSWS Flow of Funds

Period Ending: **June 30, 2021**
 Transfer Date: **July 7, 2021**
 Funding: **August 2021**

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
PD Clearing Account	\$ 1,000.00		\$ 892,846.00		\$ 892,846.00	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
PD Operating Fund	\$ 2,680,917.29	\$ 91.53	\$ 116,467.51	\$ (1,155,304.31)	\$ 224,120.47	\$ 1,633,357.47
PD General Fund	\$ 11,063,477.19	\$ 265.13				\$ 11,063,742.32
PD Improvement Fund	\$ 260,179.85					\$ 260,179.85
Jets Major Maintenance	\$ 964,000.00					\$ 964,000.00
MIRA Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below			\$ 1,155,304.31	\$ 668,725.53	Combined Below
Total	\$ 14,968,574.33	\$ 356.66	\$ 116,467.51	\$ -	\$ 892,846.00	\$ 13,921,279.64
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
CSWS Clearing Account	\$ 40,000.00		\$ 4,564,767.08		\$ 4,564,767.08	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
CSWS Operating Fund	\$ 8,070,009.52	\$ 121.39	\$ 5,321,598.42		\$ 5,488,796.99	\$ 8,237,329.48
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
CSWS General Fund	\$ 1,101.04	\$ 0.01				\$ 1,101.05
CSWS Risk Fund	\$ 897,141.92	\$ 21.49				\$ 897,163.41
CSWS Legal Fund	\$ 639,095.78	\$ 15.31				\$ 639,111.09
MIRA Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Major Maintenance	Combined Below				\$ 900,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (3,824,029.91)	Combined Below
Total	\$ 9,611,223.27	\$ 158.20	\$ 5,321,598.42	\$ -	\$ 4,564,767.08	\$ 9,778,580.04
Combined	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
MIRA Severance Fund	\$ 2,541,255.45	\$ 60.92			\$ -	\$ 2,541,316.37
CSWS Improvement Fund	\$ 219,447.51				\$ -	\$ 219,447.51
CSWS Major Maintenance	\$ 3,085,362.60	\$ 54.79	\$ 818,724.76		\$ 900,000.00	\$ 3,166,692.63
CSWS Tip Fee Stabilization	\$ 1,000.00	\$ 0.07		\$ 1,155,304.31	\$ (1,155,304.38)	\$ 1,000.00
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 1,113,977.03		\$ 358,752.78	\$ 350,807.00		\$ 1,121,922.81
Hartford Solar Reserve	\$ 334,950.96	\$ 8.02				\$ 334,958.98
Pollution Insurance Reserve						\$ -
Landfill Operating Account	\$ 2,077,207.59			\$ 8,326.04		\$ 2,068,881.55

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 \$361,191.38 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 \$234,821.33.
- The annual working capital operating fund balance requirement for CSWS and PD was performed and the PD Operating balance was reduced by \$1,155,304.31.
- After the distribution of June receipts, \$61,986,944.76 remained due to the Tip Fee Stabilization Fund from CSWS.
- Property Division has contributed from receipts YTD \$1,236,189.77 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: 06/30/21

	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	\$ -	\$ -	\$ -	\$ -	\$ 259,403	\$ (259,403)
Turbine 6	\$ -	\$ -	\$ -	\$ 50,000	\$ 235,784	\$ (185,784)
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	\$ 495,187	\$ (445,187)
TRANSFER STATIONS						
Essex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Torrington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Watetown	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Transfer Stations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CSWS IMPROVEMENT FUND	\$ -	\$ -	\$ -	\$ 850,000	\$ 659,795	\$ 190,205

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

Narrative

Period Ending: 06/30/21

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
WASTE PROCESSING FACILITY						
Trommels	\$ -	\$ -	\$ -	\$ -	\$ (1,180)	\$ 1,180
Conveyors	\$ -	\$ 218,047	\$ (218,047)	\$ 1,135,000	\$ 592,000	\$ 543,000
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ 340,000	\$ -	\$ 340,000
Building Repairs	\$ 75,000	\$ -	\$ 75,000	\$ 165,000	\$ 340,000	\$ (175,000)
Roof Repairs	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	\$ 90,676	\$ (25,676)
Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Rolling Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Site Repairs	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Shredders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scale Systems	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
WPF Sub-total	\$ 240,000	\$ 218,047	\$ 21,953	\$ 1,905,000	\$ 1,021,496	\$ 883,504
POWER BLOCK FACILITY						
Boiler 11	\$ -	\$ -	\$ -	\$ 3,115,000	\$ 2,524,100	\$ 590,900
Boiler 12	\$ -	\$ -	\$ -	\$ 2,145,000	\$ 2,075,319	\$ 69,681
Boiler 13	\$ -	\$ 110,000	\$ (110,000)	\$ 3,145,000	\$ 2,446,486	\$ 698,514
Turbine 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Turbine 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Baghouse	\$ -	\$ -	\$ -	\$ 1,484,000	\$ 685,685	\$ 798,315
Auxiliary Systems	\$ -	\$ 366,375	\$ (366,375)	\$ 1,730,000	\$ 616,650	\$ 1,113,350
Building Repairs	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Roof Repairs	\$ -	\$ 45,000	\$ (45,000)	\$ 150,000	\$ 178,463	\$ (28,463)
Site Repairs	\$ -	\$ -	\$ -	\$ 100,000	\$ 40,000	\$ 60,000
Switch Yard / Switchgear	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stack / Common Duct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ash System / Load Out	\$ -	\$ 79,304	\$ (79,304)	\$ 100,000	\$ 79,304	\$ 20,696
M Caps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PBF Sub-total	\$ -	\$ 600,679	\$ (600,679)	\$ 12,169,000	\$ 8,646,007	\$ 3,522,993
TRANSFER STATIONS						
Essex	\$ 55,000	\$ -	\$ 55,000	\$ 55,000	\$ -	\$ 55,000
Torrington	\$ 200,000	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000
Watertown	\$ 40,000	\$ -	\$ 40,000	\$ 40,000	\$ 91,295	\$ (51,295)
Total Transfer Stations	\$ 295,000	\$ -	\$ 295,000	\$ 295,000	\$ 91,295	\$ 203,705
TOTAL CSWS MAJOR MAINTENANCE FUND	\$ 535,000	\$ 818,726	\$ (283,726)	\$ 14,369,000	\$ 9,758,799	\$ 4,610,201

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

DRAFT

Segmented Income Statement

Period Ending: **June 30, 2021**

	General Fund	Connecticut Solid Waste Systems	Mid-Connecticut Project	Seaboard Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges								
Members	\$ -	\$ 37,753	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,753
Others	-	6,155	-	-	-	-	-	6,153
Energy sales	-	13,928	-	-	10,180	120	-	24,228
Other operating revenues	-	3,054	-	-	52	54	-	3,630
Total Operating Revenues	-	60,888	-	-	10,702	176	-	71,764
Operating Expenses								
Solid waste operations	-	52,165	-	-	1,724	99	(170)	53,818
Maintenance and repairs	-	13,867	-	-	100	-	-	13,967
Legal services - external	-	599	-	-	-	-	-	599
Administrative and Operational services	41	3,633	-	-	783	78	-	4,527
Total Operating Expenses	41	70,264	-	-	2,607	169	(170)	72,911
Operating Income (Loss) before Depreciation and Amortization	(41)	(9,376)	-	-	8,095	5	170	(1,147)
Depreciation and amortization	14	-	-	-	14,517	128	0	14,659
Operating Income (Loss)	(53)	(9,376)	-	-	(6,422)	(133)	170	(15,816)
Non-Operating Revenues (Expenses)								
Investment income	-	7	-	-	18	-	-	25
Settlement income (expenses)	-	(458)	(19)	-	-	-	-	(475)
Other income (expenses)	6	-	(3)	-	(154)	-	-	(131)
Distribution to SCRBA	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses), net	6	(449)	(22)	-	(136)	-	-	(581)
Income (Loss) before Transfers	(48)	(9,825)	(22)	-	(6,558)	(133)	170	(16,397)
Transfers in (net)	100	3,516	-	-	(3,616)	-	(170)	(170)
Change in Net Position	51	(6,809)	(22)	-	(10,174)	(133)	-	(16,867)
Total Net Position, beginning of period	3,375	(4,519)	23	-	67,687	20,752	-	87,518
Total Net Position, end of period	\$ 3,426	\$ (10,620)	\$ 1	\$ -	\$ 57,513	\$ 20,619	\$ -	\$ 70,951

RECONCILIATION TO VARIANCE REPORT:

Add: Expenses paid from reserves	14	9,759	-	-	(45)	-	-	9,714
Add: Amortizations	-	-	-	-	14,517	138	-	14,669
Less: GAAP Exp (reported for Budget)	-	-	-	-	134	-	-	134
add: Share parts and fuel inventory adjustments	-	(131)	-	-	392	-	-	261
add: Capitalized expense net of asset disposals	-	1,300	-	-	-	-	-	1,300
add: Settlements Income	-	9,486	-	-	-	-	-	9,486

Operating Income (Loss) per Variance report

	0/A	0/A	0/A	0/A	0/A	0/A	0/A	15,019
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Note: Monthly variance report produced for General Fund, Property Division and CSWS only

Note: Eliminations and depreciation are preliminary amounts.

Other: Sept 20 - RECs were billed and in the GL for Sept 20 although billed in October 20.

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending June 30, 2021 UNAUDITED

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
Authority Budget								
Personnel Services (a)	\$ 203,478	\$ 224,492	\$ (21,014)	-10.33%	\$ 2,561,076	\$ 2,325,274	\$ 235,802	9.21%
Non-Personnel Services	\$ 113,752	\$ 126,719	\$ (12,967)	-11.40%	\$ 723,952	\$ 697,585	\$ 26,367	3.64%
Total Authority Budget	\$ 317,230	\$ 351,211	\$ (33,981)	-10.71%	\$ 3,285,028	\$ 3,022,859	\$ 262,169	7.98%
LESS: STIF Interest Income	\$ -	\$ 405	\$ (405)	100.00%	\$ -	\$ 2,579	\$ (2,579)	100.00%
OTAL AUTHORITY BUDGET ALLOCATED	\$ 317,230	\$ 350,807	\$ (33,577)	-10.58%	\$ 3,285,028	\$ 3,020,280	\$ 264,748	8.06%
Authority Budget Allocation								
Landfill Division (2.515%)	\$ 8,189	\$ 8,823	\$ (634)	-7.74%	\$ 82,633	\$ 75,960	\$ 6,673	8.08%
Property Division (21.883%)	\$ 63,384	\$ 76,767	\$ (13,383)	-21.11%	\$ 718,847	\$ 660,928	\$ 57,919	8.06%
CSWS Division (75.602%)	\$ 245,657	\$ 265,217	\$ (19,560)	-7.96%	\$ 2,483,548	\$ 2,283,393	\$ 200,156	8.06%
OTAL AUTHORITY BUDGET ALLOCATED	\$ 317,230	\$ 350,807	\$ (33,577)	-10.58%	\$ 3,285,028	\$ 3,020,280	\$ 264,748	8.06%
MIRA Direct Personnel								
Landfill Division	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Property Division	\$ 9,249	\$ 6,406	\$ 2,843	30.74%	\$ 122,528	\$ 133,875	\$ (11,347)	-9.26%
CSWS Division	\$ 124,250	\$ 112,083	\$ 12,167	9.79%	\$ 1,613,603	\$ 1,573,104	\$ 40,499	2.51%
TOTAL MIRA DIRECT	\$ 133,499	\$ 118,488	\$ 15,011	11.24%	\$ 1,736,131	\$ 1,706,978	\$ 29,153	1.68%
Total Allocation								
Landfill Division (1.807%)	\$ 8,189	\$ 8,823	\$ (634)	-7.74%	\$ 82,633	\$ 75,960	\$ 6,673	8.08%
Property Division (15.617%)	\$ 72,633	\$ 83,173	\$ (10,540)	-14.51%	\$ 841,375	\$ 794,803	\$ 46,572	5.54%
CSWS Division (82.576%)	\$ 369,907	\$ 377,300	\$ (7,393)	-2.00%	\$ 4,097,151	\$ 3,856,496	\$ 240,655	5.87%
TOTAL AUTHORITY & MIRA DIRECT	\$ 450,729	\$ 469,295	\$ (18,566)	-4.12%	\$ 5,021,159	\$ 4,727,259	\$ 293,900	5.85%
TOTAL RESOURCE REDISCOVERY *	\$ -	\$ -	\$ -	100.00%	\$ -	\$ (316)	\$ 316	100.00%

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; partially offset by
 - accrual of FY21 salaries and benefits (i.e., regular pay, overtime, PTO, vacation time, and related taxes) of approximately \$43k.

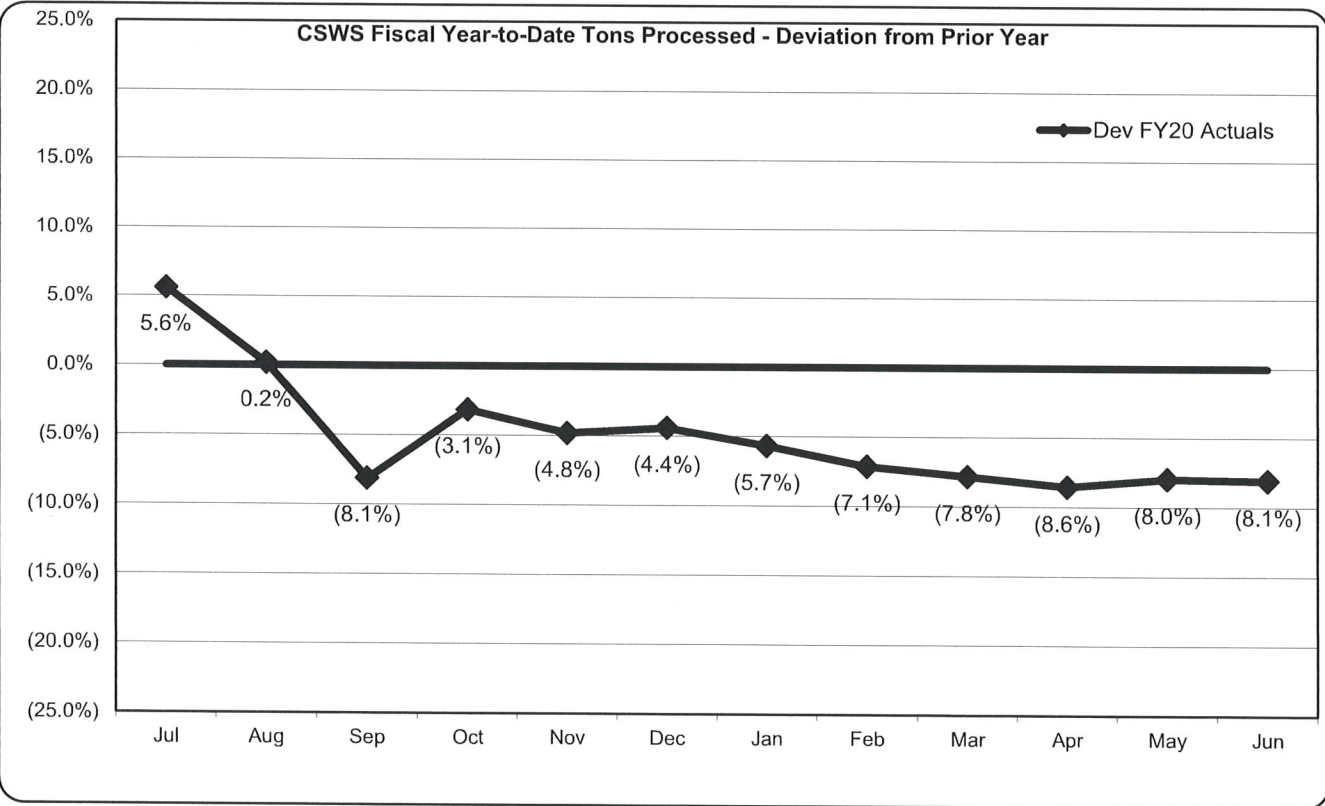
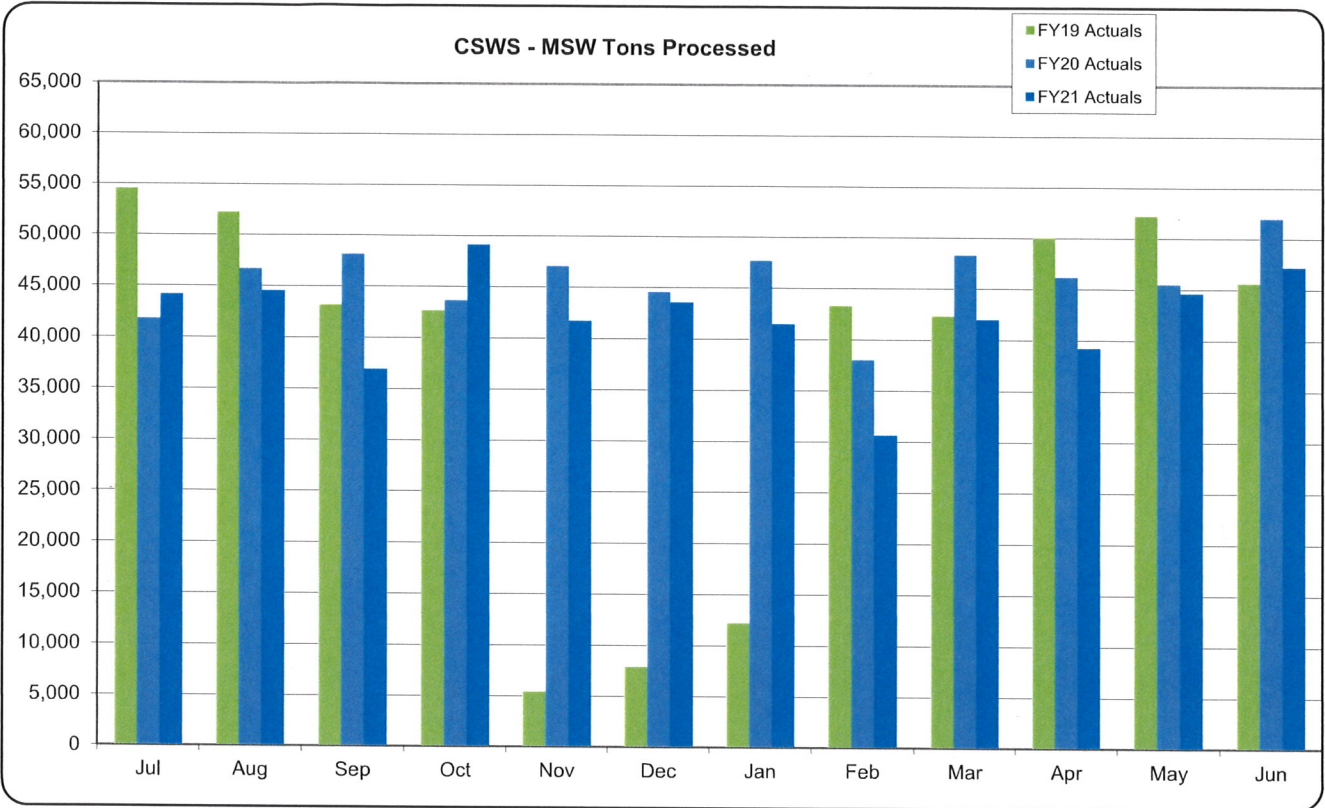
* Reflects legal fees related to the Resource Rediscovery Plan.

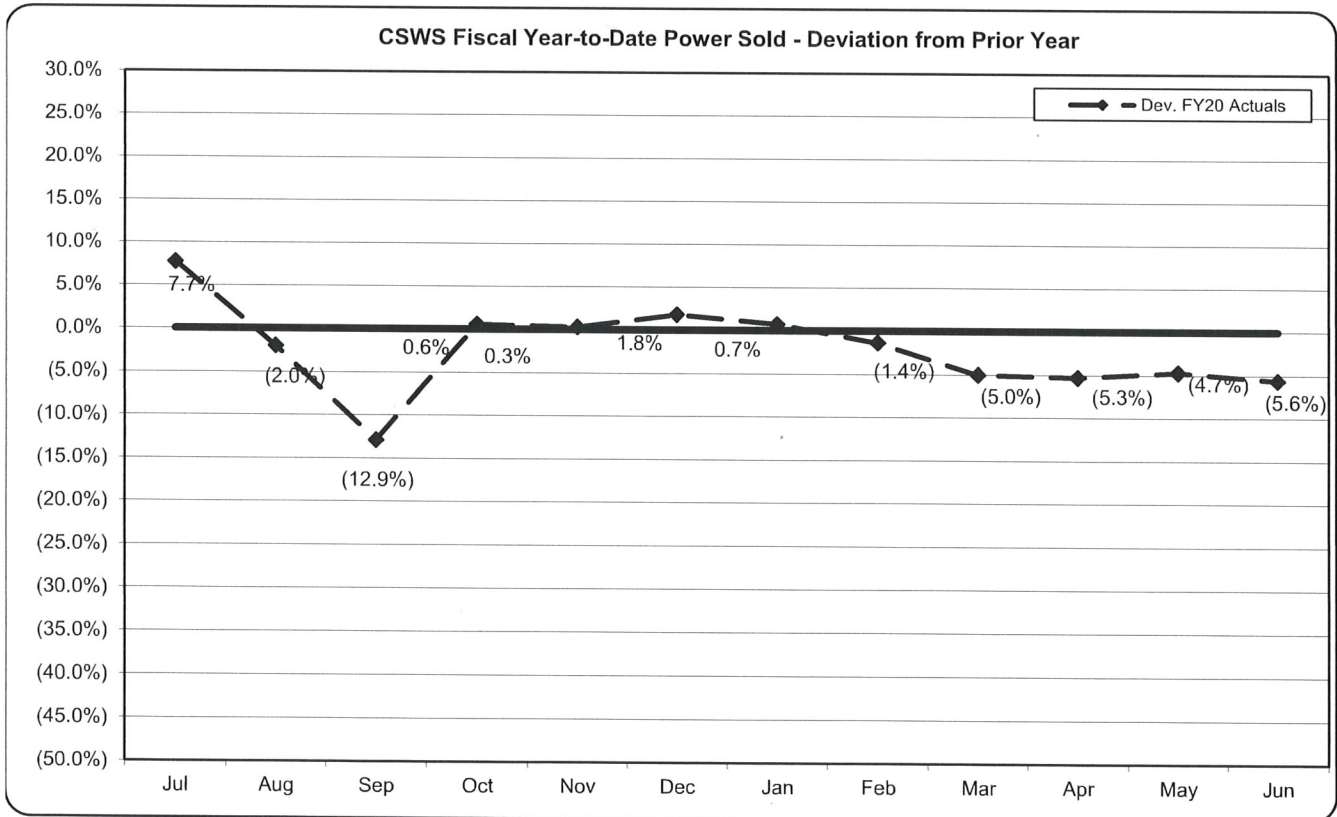
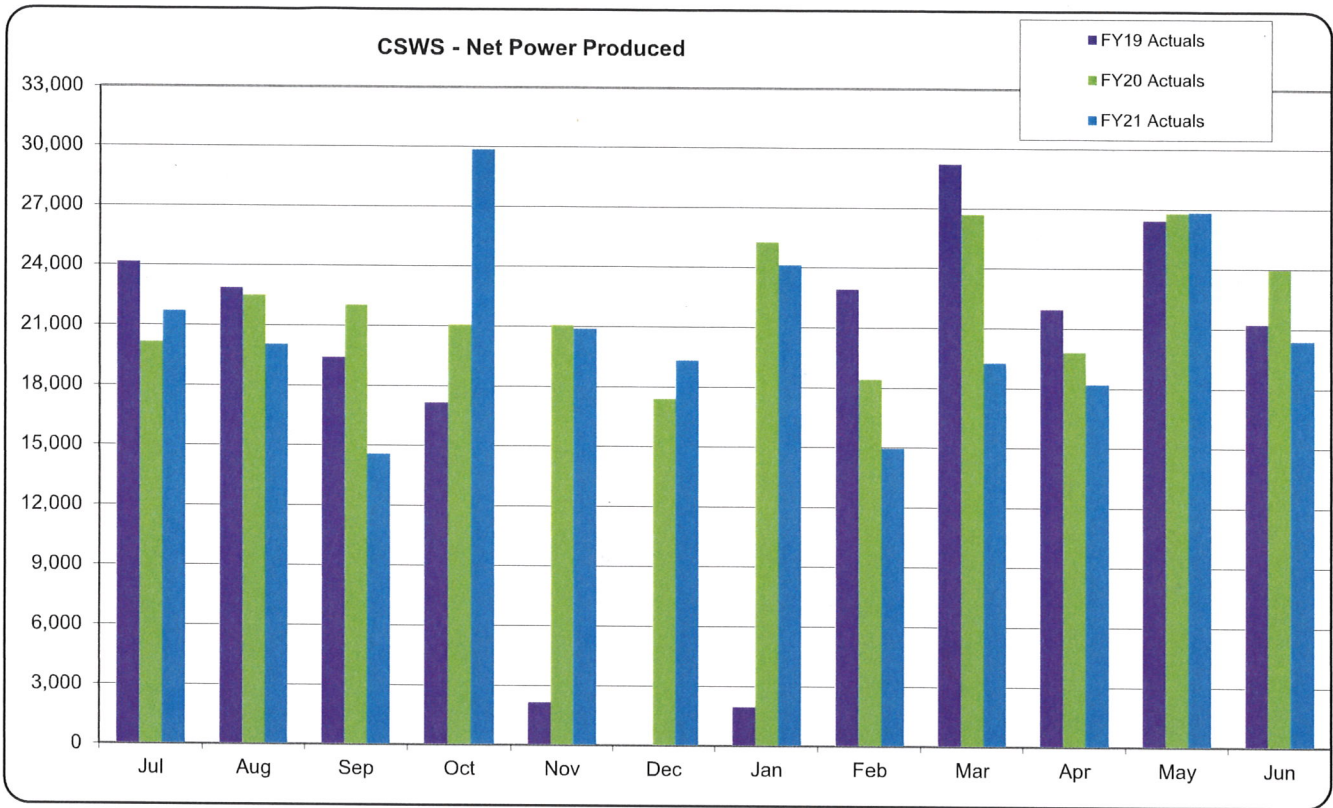
TAB B

MATERIALS INNOVATION AND RECYCLING AUTHORITY
Monthly Operational Summary
June-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	Jun 20	Jun 21	Change
CSWS									
Tons MSW Processed	451,568	549,717	21.7%	549,717	505,335	(8.1%)	52,009	47,227	(9.2%)
Steam (klbs)	2,566,195	3,264,837	27.2%	3,264,837	3,096,441	(5.2%)	296,670	255,321	(13.9%)
(% MCR)	42.3%	53.8%		53.6%	51.0%		59.5%	51.2%	
Power (Net MWh)	209,352	272,358	30.1%	272,358	250,166	(8.1%)	23,958	20,386	(14.9%)
South Meadow Jets									
Net MWh	1,932	1,616	(16.4%)	1,616	1,694	4.8%	146	169	100.0%





CSWS Waste to Energy Plant Monthly Operational Summary

Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Jun 21	54%	68%	32%

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
04/01/21	04/03/21	11	61.70	Low RDF Inventory
04/22/21	04/24/21	11	56.10	Low RDF Inventory/Auger Gear Failures- Cold Iron
05/09/21	05/12/21	11	68.50	Large Furnace Slagg Clunker on B Grate
05/27/21	05/27/21	11	0.20	TG#6 Tripped- Caused Vacume Leak
06/17/21	06/18/21	11	7.70	Fuel Feed Interruption on CV-515 & CV-517
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
04/11/21	04/14/21	12	91.10	Broken Furnace Grate Bars

Unscheduled Downtime

Continued

04/22/21	04/24/21	12	54.00	Broken Furnace Grate Bars/Centerseals/Forced Cold Iron
04/25/21	04/29/21	12	117.90	Broken Furnace Grate Bars/Centerseals
05/09/21	05/12/21	12	81.70	Large Furnace Slagg Clinker on B Grate
05/27/21	05/27/21	12	1.20	TG#6 Tripped- Caused Vacuum Leak
05/30/21	05/31/21	12	47.90	SSH Leak
06/01/21	06/02/21	12	41.00	SSH Leak
06/08/21	06/08/21	12	1.60	TG#5 Sticky Stop Valve Test
06/11/21	06/13/21	12	60.00	Furnace Waterwall Leaks
06/17/21	06/17/21	12	3.90	Black Plant due to Fuel Feed Interruptions From CV515-517
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 RDF Auger Screw Drive Gears
10/30/20	10/31/20	13	48.00	Extended Cleaning Outage/ Low RDF Levels
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
04/21/21	04/30/21	13	240.00	High ID Rotor Vibration
05/01/21	05/24/21	13	569.20	High ID Rotor Vibration
05/27/21	05/27/21	13	1.10	TG#6 Tripped- Caused Vacuum Leak
06/08/21	06/08/21	13	8.90	TG#5 Sticky Stop Valve Test
06/13/21	06/17/21	13	107.90	Fly Ash Conveyor 13A Broken
06/18/21	06/30/21	13	312.00	Low RDF Inventories

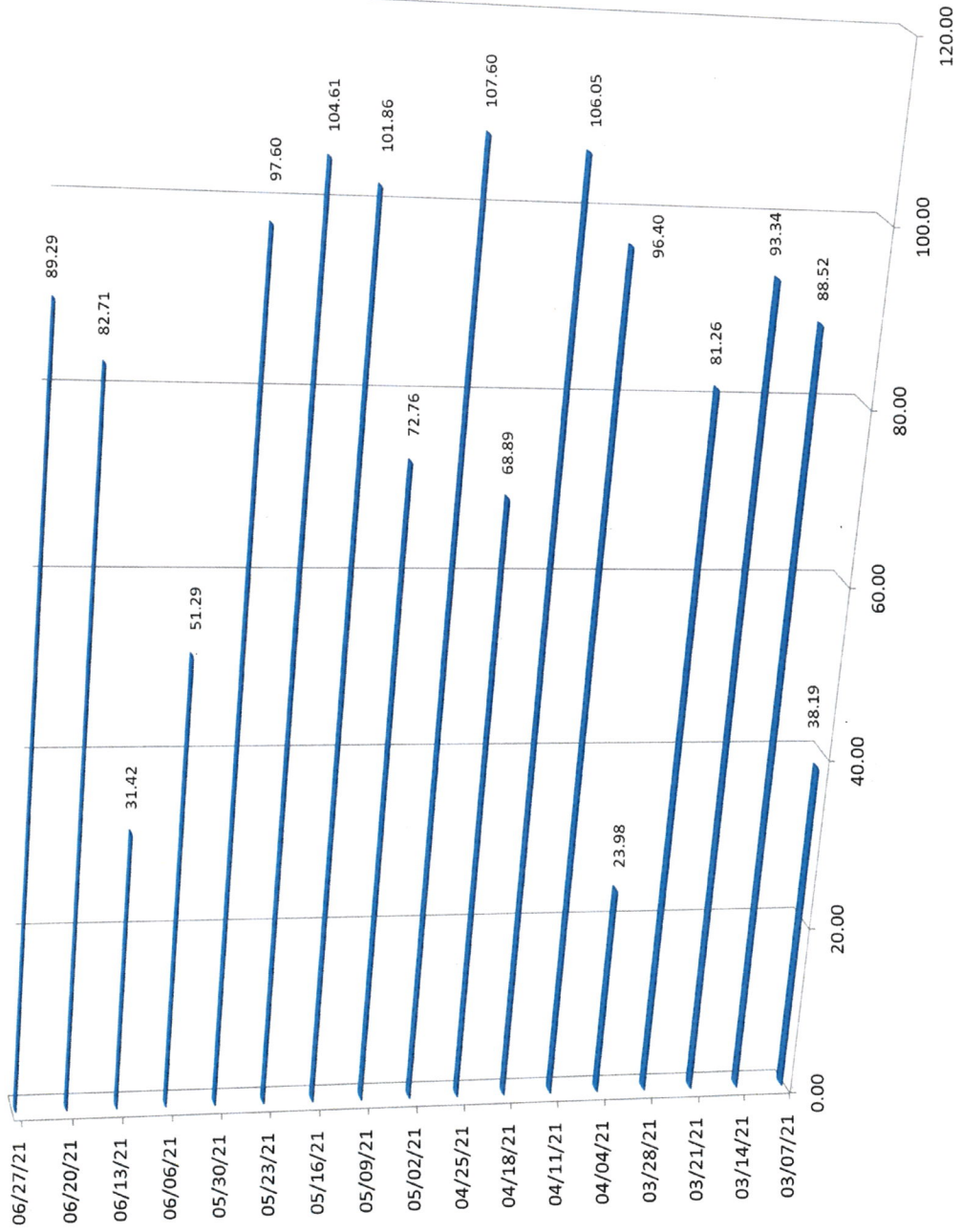
Scheduled Downtime

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
06/02/21	06/11/21	11	209.80	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
04/01/21	04/20/21	13	472.20	Scheduled Major Outage

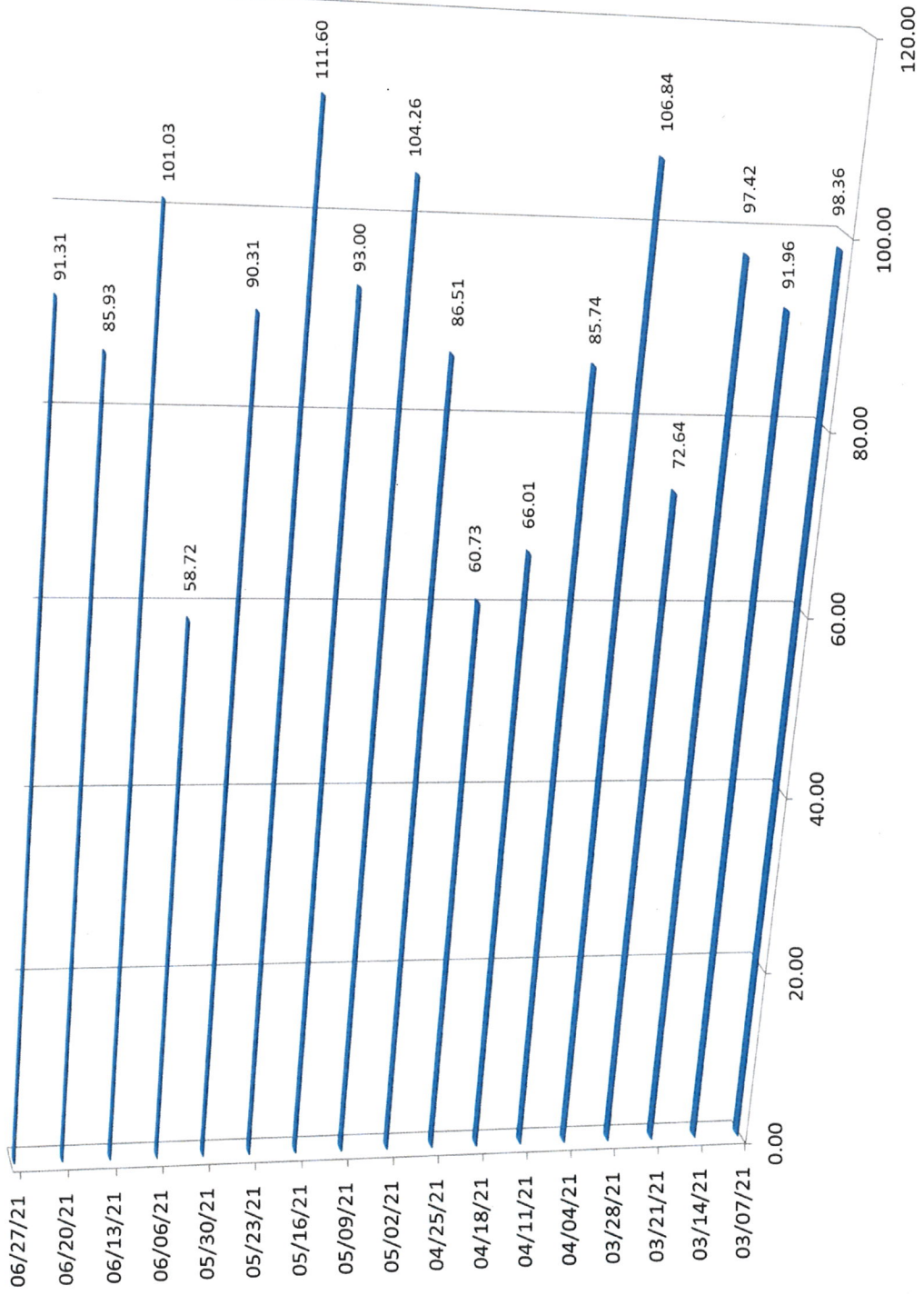
SOUTH MEADOWS JETS Monthly Operational Summary

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 Instalion 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
04/15/21	66.33	Repairs to Equipment Units 13, 14
04/30/21	40.40	Repairs to Equipment Units 13, 14

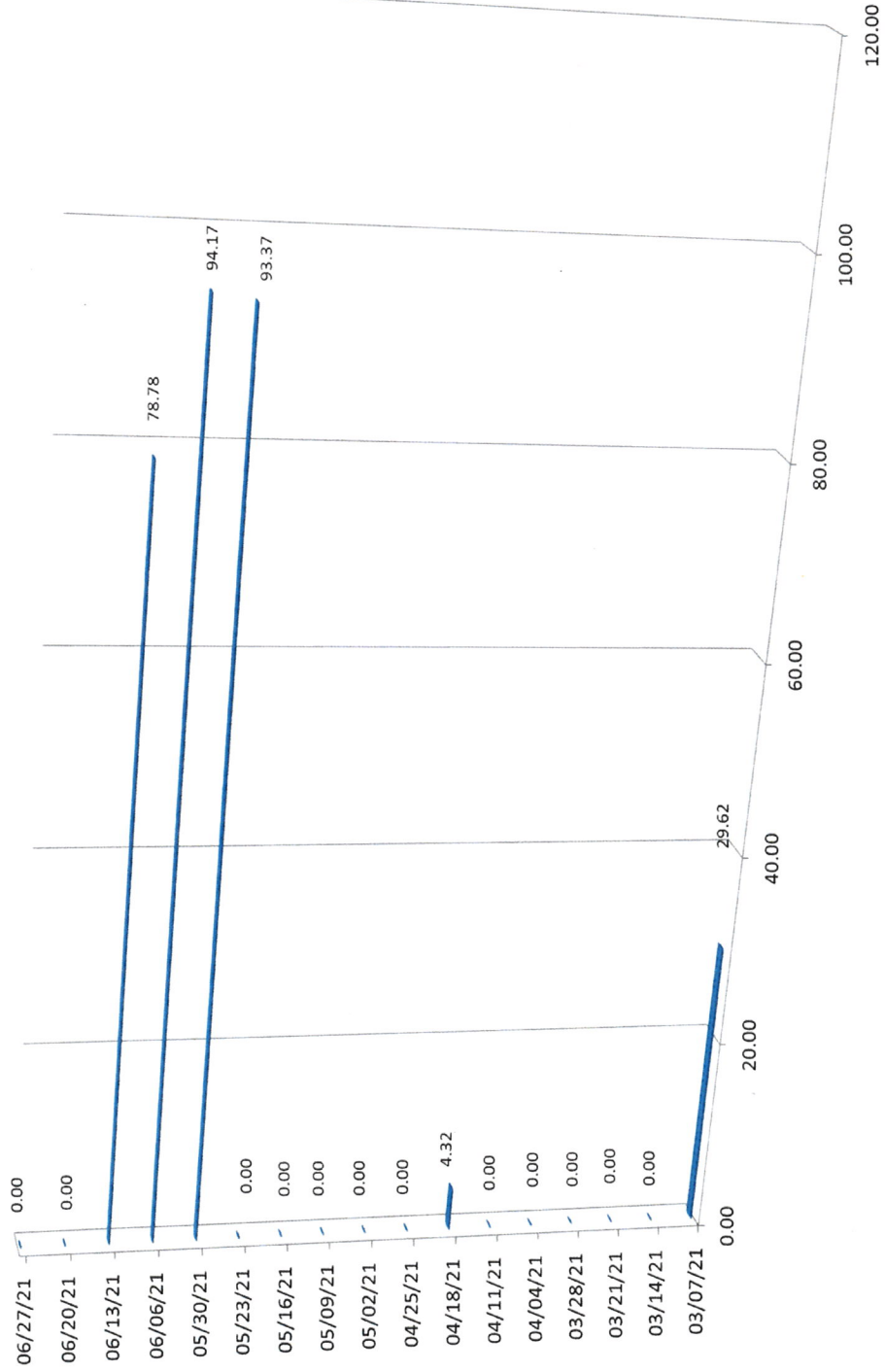
BLR#11 Steam Flow % of Target Steam flow Production



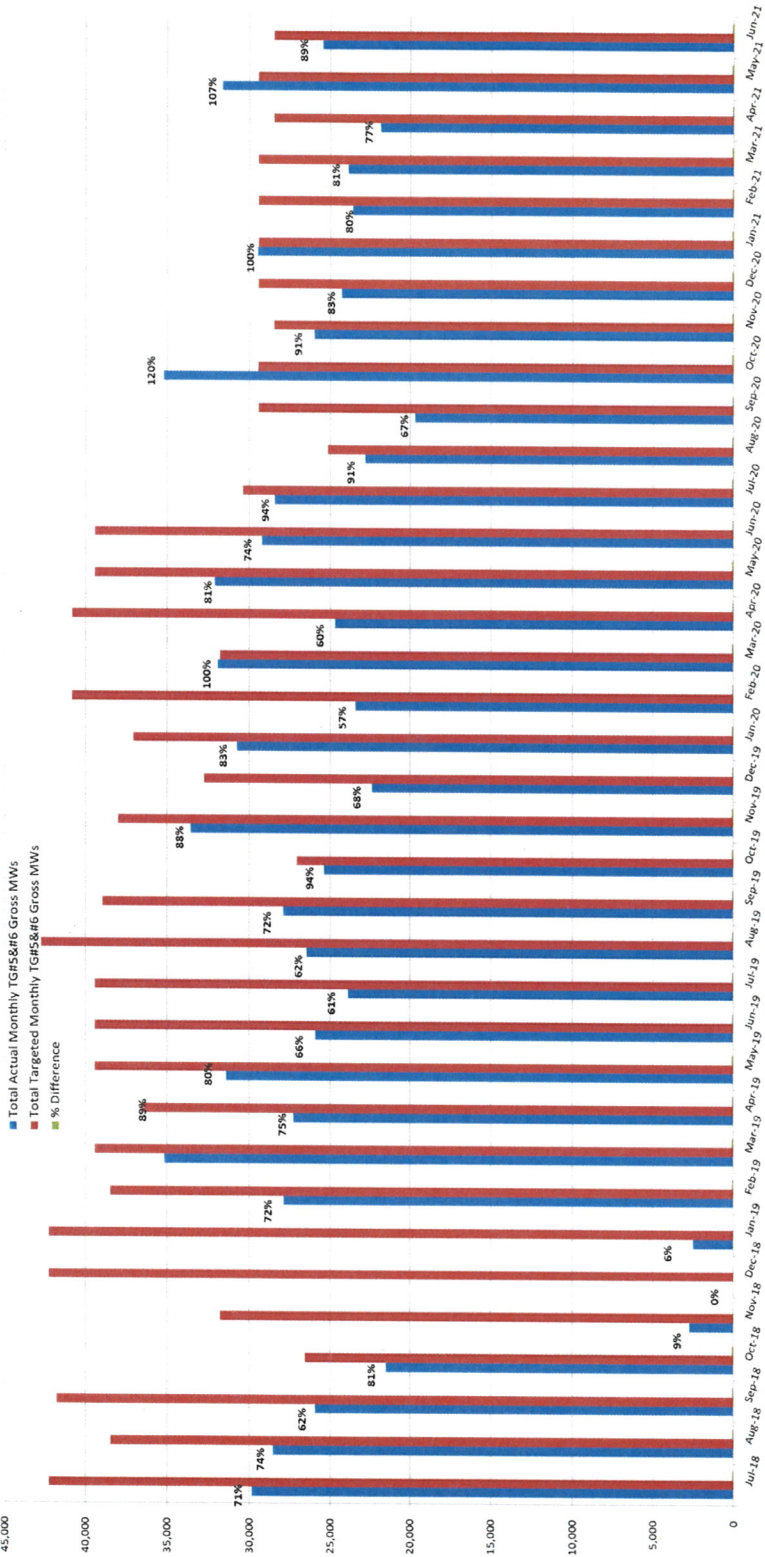
BLR#12 Steam Flow % of Target Steam flow Production



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

June-21

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Jun 20	Jun 21	Growth
CSWS MSW									
Tier 1	406,257	391,251	(4%)	391,251	400,941	2%	33,772	37,869	12% (1)
Tier 2	12,879	13,013	1%	13,013	13,580	4%	1,211	1,224	1% (1)
Tier 3	16	0	(100%)	0	0	-	0	0	-
Non-Processible MSW	2,086	2,637	26%	2,637	2,946	12%	268	613	129% (1)
Hauler Contract	126,128	114,976	(9%)	114,976	64,521	(44%)	13,883	4,653	(66%)
Contract (FCR Residue)	9,888	11,723	19%	11,723	7,736	(34%)	969	0	(100%) (1)
Ferrous Residue (excess)	1,427	1,196	(16%)	1,196	1,038	(13%)	5	99	100%
In-State Spot	0	0	-	0	9,219	-	0	2,997	-
Out-of-State Spot	0	0	-	0	27	-	0	0	-
MSW TOTAL	558,681	534,796	(4%)	534,796	500,007	(7%)	50,108	47,456	(6%)

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Jun 20	Jun 21	Growth
CSWS Recyclables									
Tier 1	52,317	56,609	8%	56,609	54,036	(5%)	5,016	4,946	(1%) (2)
Hauler Contract	21,714	20,474	(6%)	20,474	5,361	(74%)	1,789	62	(97%) (2)
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%	77,083	59,397	(23%)	6,806	5,008	(26%)

MSW CSWS Diversions, Exports, Re-Directed Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Jun 20	Jun 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	Jun 20	Jun 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	Jun 20	Jun 21	Growth
Avon	11,942	12,112	1%	12,112	12,660	5%	1,019	1,183	16%
Bethlehem	1,598	1,710	7%	1,710	1,811	6%	156	165	6%
Bloomfield	17,990	15,811	(12%)	15,811	13,870	(12%)	1,332	1,520	14%
Canaan	447	474	6%	474	496	5%	46	55	21%
Canton	4,885	4,637	(5%)	4,637	4,779	3%	403	435	8%
Clinton	7,089	8,193	16%	8,193	8,371	2%	743	816	10%
Chester (4)	0	1,139	-	1,139	1,392	22%	146	145	(1%)
Colebrook	609	604	(1%)	604	595	(1%)	46	52	14%
Cornwall	529	530	0%	530	599	13%	55	58	5%
Deep River	3,121	3,359	8%	3,359	3,087	(8%)	221	280	27%
Durham/Middlefield	6,599	6,634	1%	6,634	5,988	(10%)	565	480	(15%)
East Granby	2,446	2,480	1%	2,480	2,221	(10%)	227	204	(10%)
East Hartford (2)	28,551	27,411	(4%)	27,411	28,425	4%	2,382	2,688	13%
East Hampton	6,075	6,691	10%	6,691	7,017	5%	602	618	3%
Ellington	5,756	5,228	(9%)	5,228	5,271	1%	455	498	9%
Essex	3,455	2,997	(13%)	2,997	2,640	(12%)	226	288	27%
Farmington	13,227	13,526	2%	13,526	12,866	(5%)	1,035	1,191	15%
Glastonbury	19,957	18,718	(6%)	18,718	19,725	5%	1,505	1,844	23%
Goshen	1,351	1,452	7%	1,452	1,543	6%	141	154	9%
Granby	4,259	4,271	0%	4,271	4,416	3%	365	410	12%
Haddam	3,509	3,346	(5%)	3,346	3,495	4%	301	333	11%
Hartford	87,763	80,122	(9%)	80,122	84,363	5%	6,726	7,923	18%
Harwinton	1,960	2,017	3%	2,017	2,061	2%	164	177	8%
Killingworth	1,964	2,061	5%	2,061	1,647	(20%)	173	156	(10%)
Litchfield	5,436	5,264	(3%)	5,264	5,360	2%	487	534	10%
Lyme	752	759	1%	759	798	5%	76	76	(0%)
Marlborough	2,237	2,401	7%	2,401	2,759	15%	242	272	12%
Middlebury	3,397	2,369	(30%)	2,369	2,504	6%	199	194	(3%)
Naugatuck	16,473	13,281	(19%)	13,281	13,939	5%	1,223	1,250	2%
Newington (3)	17,389	19,499	12%	19,499	20,347	4%	1,620	1,920	18%
Norfolk	800	777	(3%)	777	774	(0%)	77	70	(8%)
North Canaan	2,107	2,005	(5%)	2,005	2,054	2%	170	192	13%
North Branford (5)	0	4,996	-	4,996	4,467	(11%)	418	451	8%
Old Lyme	4,061	4,133	2%	4,133	4,966	20%	470	578	23%
Old Saybrook	8,846	8,742	(1%)	8,742	8,715	(0%)	778	885	14%
Portland	3,998	3,734	(7%)	3,734	4,100	10%	313	376	20%
Rocky Hill	12,784	12,171	(5%)	12,171	12,510	3%	1,066	1,135	6%
Roxbury	513	671	31%	671	722	8%	69	59	(15%)
RRDD#1	11,585	11,082	(4%)	11,082	11,319	2%	1,007	1,039	3%
Salisbury/Sharon	3,208	3,152	(2%)	3,152	3,508	11%	327	334	2%
Simsbury	11,776	11,370	(3%)	11,370	11,315	(0%)	963	1,025	6%
Thomaston	4,623	4,299	(7%)	4,299	4,425	3%	386	427	11%
Torrington	23,654	22,954	(3%)	22,954	23,611	3%	1,986	2,207	11%
Watertown	12,748	11,157	(12%)	11,157	12,005	8%	1,004	1,146	14%
Westbrook (1)	3,703	2,856	(23%)	2,856	3,010	5%	269	320	19%
Wethersfield	17,257	14,357	(17%)	14,357	14,380	0%	1,240	1,326	7%
Woodbury	3,827	3,699	(3%)	3,699	4,015	9%	346	381	10%
TOTAL TIER 1 PART.	406,257	391,251	(4%)	391,251	400,941	2%	33,772	37,869	12%

(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

(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

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

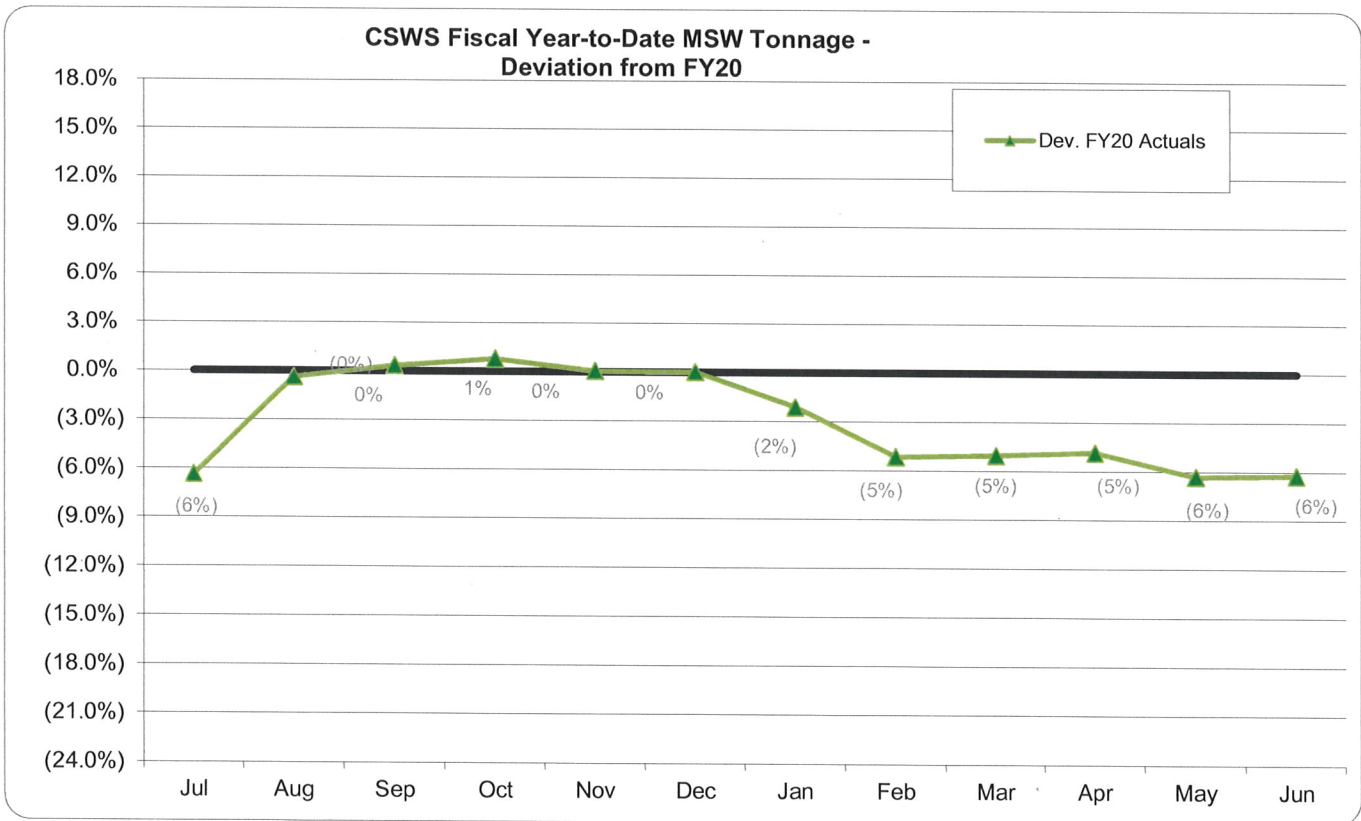
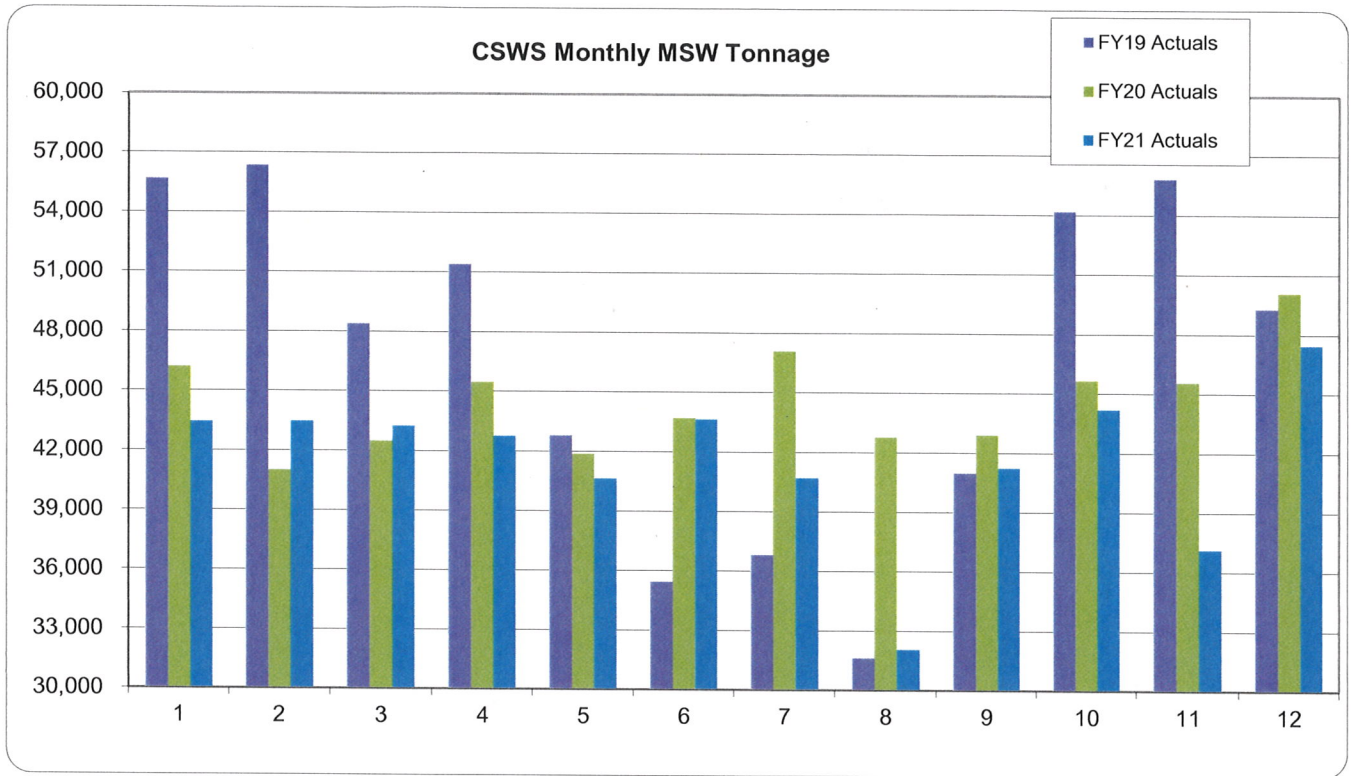
CSWS Tier 2 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2019	2020	Growth	2020	2021	Growth	Jun 20	Jun 21	Growth
Manchester	12,879	13,013	1%	13,013	13,580	4%	1,211	1,224	1%
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	12,879	13,013	1%	13,013	13,580	4%	1,211	1,224	1%

(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	Jun 20	Jun 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



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	Jun 20	Jun 21	Growth	
Avon	2,121	1,925	(9%)	1,925	2,041	6%	155	162	4%	(a)
Bethlehem	337	367	9%	367	369	1%	28	36	30%	
Bloomfield	1,569	1,582	1%	1,582	1,568	(1%)	147	148	1%	(a)
Canaan	99	106	7%	106	204	93%	9	20	121%	
Canton	890	891	0%	891	920	3%	77	92	18%	(a)
Chester (5)	0	328	-	328	405	23%	46	36	(23%)	
Clinton	1,231	1,215	(1%)	1,215	1,029	(15%)	110	74	(33%)	
Colebrook	176	184	4%	184	206	12%	16	18	14%	
Cornwall	159	174	10%	174	190	9%	16	23	42%	
Deep River	376	400	6%	400	292	(27%)	27	30	9%	
Durham/Middlefield (4)	0	933	-	933	903	(3%)	86	73	(15%)	(a)
East Granby	428	439	3%	439	478	9%	41	42	1%	(a)
East Hartford (2)	3,415	3,461	1%	3,461	2,998	(13%)	336	328	(2%)	(a)
East Hampton	974	1,028	6%	1,028	1,044	2%	103	108	5%	(a)
Ellington	1,310	1,263	(4%)	1,263	1,290	2%	100	100	0%	(a)
Essex	776	828	7%	828	748	(10%)	69	75	8%	
Farmington	2,218	2,221	0%	2,221	2,086	(6%)	183	170	(7%)	(a)
Glastonbury	3,426	3,493	2%	3,493	3,445	(1%)	310	293	(5%)	(a)
Goshen	322	371	15%	371	383	3%	49	45	(8%)	
Granby	1,286	1,296	1%	1,296	1,273	(2%)	122	125	2%	(a)
Haddam	668	649	(3%)	649	672	3%	65	58	(11%)	(a)
Hartford	5,890	3,826	(35%)	3,826	1,375	(64%)	215	209	(3%)	(a)
Harwinton	479	476	(1%)	476	502	5%	41	41	1%	
Killingworth	477	494	4%	494	462	(6%)	38	36	(6%)	
Litchfield	745	780	5%	780	837	7%	88	82	(7%)	
Lyme (4)	0	263	-	263	290	10%	26	20	(22%)	
Marlborough	536	523	(2%)	523	533	2%	43	45	4%	(a)
Middlebury	906	898	(1%)	898	922	3%	88	76	(13%)	
Naugatuck (4)	0	2,216	-	2,216	2,249	1%	208	212	2%	
Newington (3)	2,642	2,481	(6%)	2,481	2,503	1%	225	229	2%	(a)
Norfolk	170	166	(2%)	166	167	1%	17	13	(21%)	
North Branford (6)	0	1,210	-	1,210	1,159	(4%)	98	116	18%	
North Canaan	254	258	2%	258	251	(3%)	25	19	(26%)	
Old Lyme (4)	0	1,256	-	1,256	1,358	8%	130	139	7%	
Old Saybrook	1,195	1,276	7%	1,276	1,414	11%	108	113	5%	
Portland	806	816	1%	816	857	5%	71	68	(5%)	(a)
Rocky Hill	1,509	1,540	2%	1,540	1,471	(4%)	133	136	3%	(a)
Roxbury	164	232	41%	232	268	16%	32	20	(38%)	
RRDD#1	1,668	1,666	(0%)	1,666	1,671	0%	147	148	0%	
Salisbury-Sharon	1,046	1,179	13%	1,179	1,229	4%	110	110	0%	
Simsbury	2,800	2,602	(7%)	2,602	2,602	0%	220	222	1%	(a)
Thomaston	741	913	23%	913	881	(3%)	87	73	(16%)	
Torrington	2,839	2,785	(2%)	2,785	2,883	4%	244	268	10%	
Watertown	1,632	1,558	(5%)	1,558	1,634	5%	154	138	(10%)	
Westbrook (1)	533	573	8%	573	503	(12%)	65	49	(24%)	
Wethersfield	2,619	2,647	1%	2,647	2,575	(3%)	238	234	(1%)	(a)
Woodbury	887	820	(7%)	820	893	9%	71	75	5%	
TOTAL TIER 1 PART.	52,317	56,609	8%	56,609	54,036	(5%)	5,016	4,946	(1%)	

(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

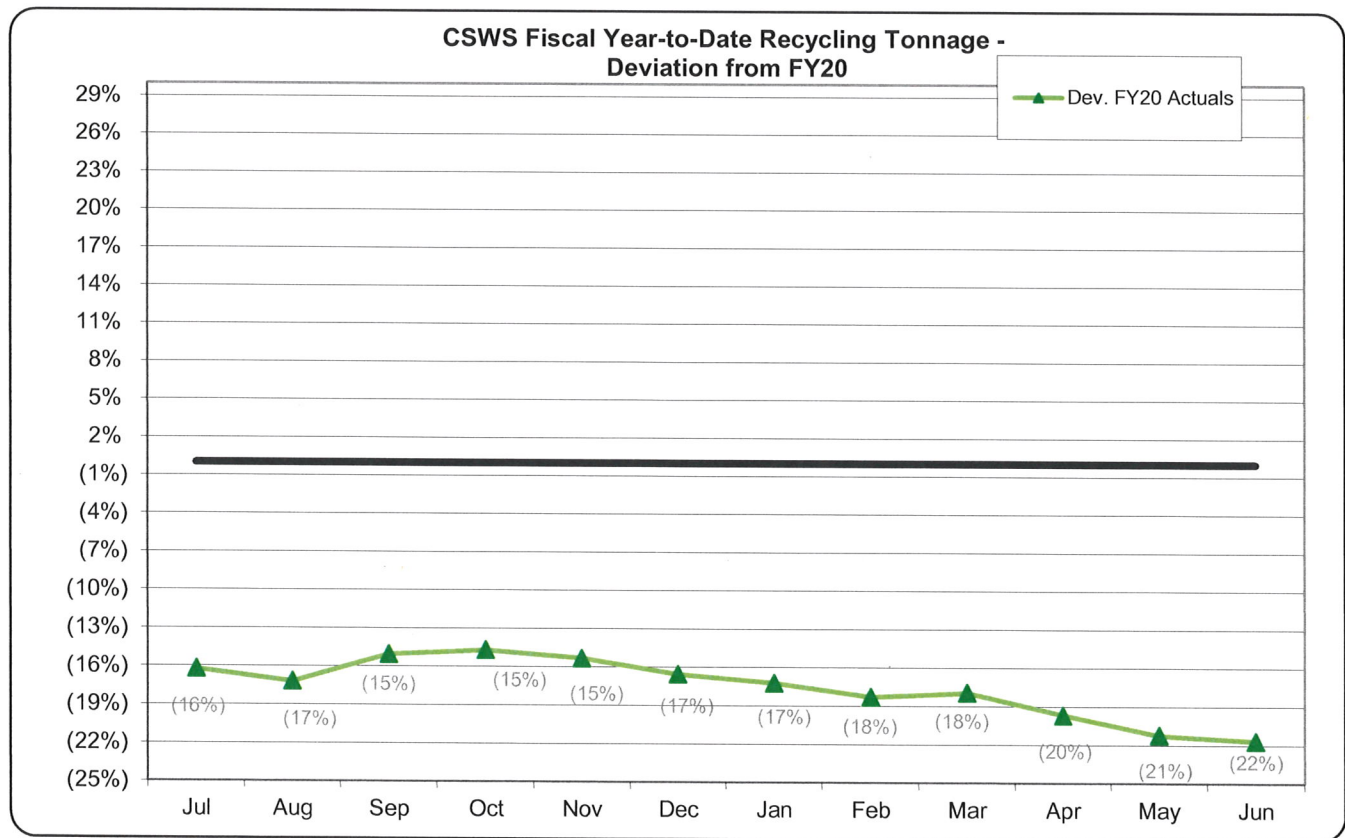
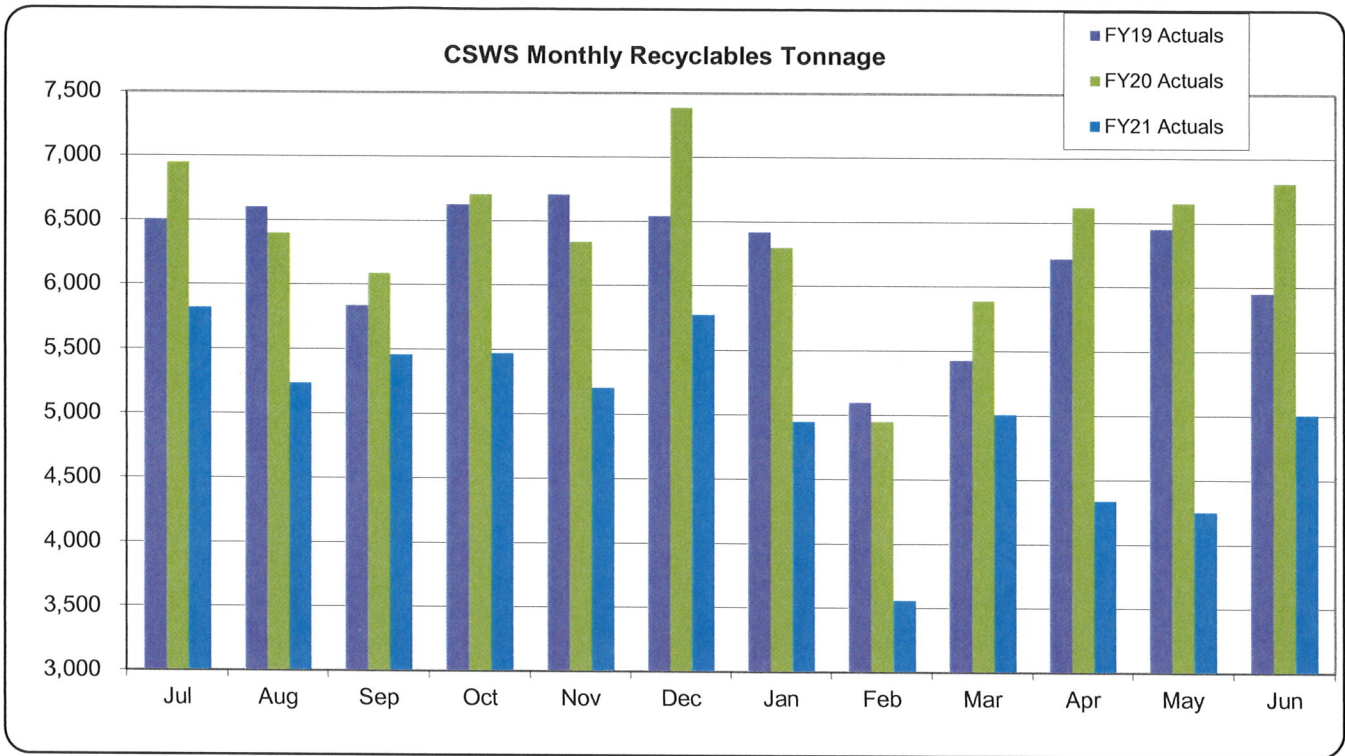
(5) Chester switched from Tier 3 to Tier 1L 7/1/19

(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



TAB D

FISCAL YEAR 2021 LEGAL REQUEST FOR SERVICES

FOR PERIOD ENDING 6/30/21

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 Ellington		PO#13960	\$ 3,200	\$ 1,136		\$ 2,000			\$ 3,136
Total Cohn Birnbaum & Shea		\$15,000.00		\$ 3,200	\$ 1,136		\$ 2,000			\$ 3,136
Day Pitney	NPDES Permitting Support			\$ -						
Total Day Pitney		\$15,000.00		\$ -						
Halloran & Sage	GC - Authority Budget		PO#13975	\$ 25,000	\$ 25,000				\$ (8)	\$ 24,992
	Property Division		PO#14295	\$ 25,000	\$ 13,764		\$ 10,000			\$ 23,764
	CSWS		PO#13976	\$ 5,000						
			PO#13977	\$ 25,000	\$ 25,000					\$ 25,000
			PO#14099	\$ 50,000	\$ 50,000					\$ 50,000
			PO#14298	\$ 50,000	\$ 39,548					\$ 39,548
	FCR		PO#13978	\$ 200,000	\$ 200,000			\$ 20,413		\$ 220,413
			PO#14098	\$ 300,000	\$ 259,328		\$ 5,000			\$ 264,328
	Resource rediscovery			\$ 10,000					\$ (316)	\$ (316)
	Landfill Division		PO#13974	\$ 5,000						
	MidCT									
Beginning Halloran & Sage		\$775,000.00		\$ 695,000	\$ 612,639		\$ 15,000		\$ 20,089	\$ 647,728
Kainen, Escalera & McHale	Employment		PO#14010	\$ 10,000	\$ 10,000					\$ 10,000
			pending	\$ 10,000	\$ 3,393		\$ 6,844			\$ 10,237
Total Kainen, Escalera & McHale		\$20,000.00		\$ 10,000	\$ 10,000					\$ 20,237
Melick & Porter	Trenont									
Total Melick & Porter				\$ -	\$ -		\$ -		\$ -	\$ -
TOTALS:		\$825,000.00		\$ 708,200	\$ 623,775		\$ 17,000		\$ 20,089	\$ 671,101

Agrees with Gen. Ledger

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

June BOD resolution H&S \$75,000