

Materials Innovation and Recycling Authority

200 Corporate Place, Suite 202

Rocky Hill, Connecticut, 06067

Telephone (860)757-7700 - Fax (860)757-7743

Materials Innovation and Recycling Authority

Regular Board of Directors

Supplemental Information

Oct. 27, 2016

I. Finance

Informational Reports (Period ending Aug. 31, 2016 (Attachment A)).

CSWS Financials	MIRA Cash Flow
CSWS Electricity	CSWS Improvement Fund
CSWS Solid Waste Summary	Authority Budget
CSWS Recycling Summaries	
Property Division Financials	

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending Sept. 30, 2016 (Attachment B).
2. An update is provided on waste deliveries to all the projects for the period ending Sept. 30, 2016 (Attachment C).

III. Communications

3. Legal Expenditure Report FY'16 (Attachment D).

TAB A



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

As indicated in this report, total operating revenue for August was \$4.93 million (9% below budget). Nearly all categories of revenue were under budget with the key exceptions being the recycling facility and hauler contract waste which were 10% and 40% above budget, respectively. Total operating expenses were \$4.22 million (10% under budget) in August. The primary areas of savings were in administration, waste transportation and NAES contract operating charges. Year to date the CSWS has operating income of \$0.86 million which is \$0.60 million worse than budget. Reserve contributions were \$0.93 million in August and \$2.43 million year to date (on budget). See "MIRA Cash Flow" for additional information.

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 July 1, 2016, all CSWS energy is sold in the wholesale energy market pending execution of any fixed price energy transactions pursuant to MIRA's new flexible energy hedging program with Nextera.

As indicated in this report, wholesale energy prices were substantially below budget in August. The actual average wholesale energy price received was \$0.0320 per kwh which was \$0.0082 (20%) below budget. Plant production of energy was 5.9 million kwh (17%) below budget in August. The plant operated at full capacity for 15 out of 31 days. Boiler 11 was down during 9 days for tube leaks, an auger issue and in association with 3 days of cold iron. Boiler 12 was down during 6 days in association with the cold iron and an outage. Boiler 13 was down during 9 days for an outage and SSC repairs in addition to the cold iron. There were two instances of cold iron impacting 3 days of operation due to an air header rupture and RDF plug. Turbines 5 and 6 were impacted for 6 and 5 days, respectively, for the cold iron and as a result of only 1 boiler being in operation. Price and production combine to produce a \$0.47 million (34%) shortfall in electricity revenue for the month of August. In comparison to this period of fiscal year 2016, price and production are down 27% and up 4%, respectively.

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.

August deliveries totaled 58,989 tons which is 2,689 tons (4.4%) under budget. There were 9,438 tons of spot waste budgeted for delivery in August in comparison to no deliveries. Other contract waste deliveries were slightly below budget and these deficits were partially offset by surpluses in participating town and hauler waste. The per ton prices for Other Contract waste are \$0.40 per ton above budget year to date and up in comparison to FY 2016. Prices for Waste Hauler tons are steady at \$64 consistent with CSWS established tip fees. Price and delivery volume by contract type combine to produce total solid waste delivery revenue presently 4.8% below budget on a year to date basis.



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.

As indicated in this report, recycling facility revenues were 10% above budget in August. Delivery revenue was 11% above budget due to FCR paid residue being 101 tons (40%) above budget. Export revenue was 7% above budget. A substantial deficit in CSWS container revenue was offset by surplus CSWS ONP and OCC. There was no CSWS revenue share on its containers which were substantially above budget in terms of tonnage. As part of the FY 2017 budget development process, ONP, OCC and container prices were significantly reduced including a \$0 per ton revenue share for ONP. As indicated separately on the Metal Sales report, metal sales revenue was well below budget in August due to depressed pricing. The average per ton price in August was \$31.62 per ton which is \$19.17 per ton (38%) under budget. The deficit in metal sales was partially offset by surplus excess ferrous residue. As part of the FY 2017 budget development process, the average price for metal sales was reduced from \$80.98 per ton to \$50.78 per ton.

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 in this report, revenue to the Property Division was 108% above budget in August due to the jets being placed in real time reserve and also being called to run. New England experienced energy shortage conditions due to hot and humid weather on August 11th and its highest level of demand for energy on August 12th, which caused a price spike and implementation of special operating procedures. Operating expenses were 45% above budget in August reflecting jet fuel purchases. Total operating income for the Property Division is 126% 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 were sufficient to distribute \$636,845 to the Tip Fee Stabilization Fund in August. Year to date distributions to this fund are \$1,022,143 in comparison to the maximum authorized distribution of \$3.0 million. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF and Improvement Fund causing a draw from Tip Fee Stabilization in the amount of \$1,766,122. After the distribution of August receipts, \$11,311,838 remained due to the Tip Fee Stabilization Fund from CSWS. Note that the Cash Flow statement has been expanded to include the Authority general fund and Landfill operating account such that it now reflects all accounts related to the Authority's ongoing operations. Accounts held pending final distribution pursuant to the closeout of the Mid Connecticut and Southeast projects, as well as customer security deposits, are not shown.

Segmented Income Statements - This report reflects the revenues and expenses of each of the Authority's projects and divisions in the format ultimately to appear in the Authority's annual independent audit report. The report includes a summary reconciliation to budget versus actual variance report formats.

Materials Innovation and Recycling Authority
 FY 2017 Board of Directors Financial Report

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **August 31, 2016**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
Member Towns	\$ 2,064,566	\$ 2,226,320	\$ 161,754	8%	\$ 4,308,122	\$ 4,215,244	\$ (92,878)	-2%
Other Contracts	\$ 450,724	\$ 430,261	\$ (20,463)	-5%	\$ 901,448	\$ 817,629	\$ (83,819)	-9%
Hauler Contracts	\$ 749,414	\$ 1,046,405	\$ 296,990	40%	\$ 1,544,525	\$ 1,993,868	\$ 449,343	29%
Spot Waste	\$ 377,524	\$ -	\$ (377,524)	n/a	\$ 629,728	\$ -	\$ (629,728)	n/a
Other Operating Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ 846	\$ 846	n/a
Member Service Fee	\$ 3,264	\$ 3,736	\$ 472	14%	\$ 6,814	\$ 7,169	\$ 355	5%
Metal Sales & Excess Residue	\$ 102,955	\$ 72,750	\$ (30,205)	-29%	\$ 203,887	\$ 140,373	\$ (63,514)	-31%
Bulky Waste	\$ 19,585	\$ 13,027	\$ (6,558)	-33%	\$ 34,070	\$ 24,015	\$ (10,055)	-30%
Recycling Facility	\$ 92,510	\$ 101,819	\$ 9,309	10%	\$ 178,560	\$ 204,090	\$ 25,531	14%
Electricity Sales	\$ 1,365,047	\$ 898,470	\$ (466,576)	-34%	\$ 2,833,485	\$ 1,732,610	\$ (1,100,875)	-39%
Other Energy Markets	\$ 186,000	\$ 133,125	\$ (52,875)	-28%	\$ 372,000	\$ 266,291	\$ (105,709)	-28%
Misc. (Interest, Fees, Other)	\$ 11,495	\$ 437	\$ (11,058)	-96%	\$ 12,745	\$ 11,667	\$ (1,078)	-8%
TOTAL ACCRUED REVENUES	\$ 5,423,084	\$ 4,926,350	\$ (496,734)	-9%	\$ 11,025,383	\$ 9,413,800	\$ (1,611,582)	-15%
EXPENDITURES								
Administrative Expenses	\$ 234,202	\$ 151,421	\$ 82,781	35%	\$ 585,347	\$ 441,529	\$ 143,818	25%
Operational Expenses	\$ 224,667	\$ 160,499	\$ 64,168	29%	\$ 512,124	\$ 518,797	\$ (6,673)	-1%
PILOTs & Fees	\$ 225,000	\$ 225,677	\$ (677)	0%	\$ 465,000	\$ 456,061	\$ 8,939	2%
Waste Transport	\$ 1,191,784	\$ 1,140,105	\$ 51,679	4%	\$ 2,398,841	\$ 2,111,995	\$ 286,846	12%
Recycling Facility	\$ 51,727	\$ 39,356	\$ 12,371	24%	\$ 106,088	\$ 85,260	\$ 20,828	20%
Murphy Road Operations	\$ 10,608	\$ 10,608	\$ (0)	0%	\$ 21,216	\$ 21,217	\$ (1)	0%
MIRA Facilities Operating Exp.	\$ 64,580	\$ 112,564	\$ (47,984)	-74%	\$ 129,160	\$ 200,890	\$ (71,730)	-56%
NAES Contract Operating Charges	\$ 2,346,702	\$ 2,080,579	\$ 266,123	11%	\$ 4,702,764	\$ 4,095,206	\$ 607,558	13%
NAES On-Site Incentive Comp.	\$ 76,086	\$ 76,086	\$ -	0%	\$ 152,172	\$ 152,172	\$ -	0%
NAES Management Fees	\$ 102,750	\$ 93,248	\$ 9,502	9%	\$ 205,500	\$ 190,262	\$ 15,238	7%
Transfer Station - Ellington	\$ 1,875	\$ 172	\$ 1,703	91%	\$ 3,750	\$ 4,562	\$ (812)	-22%
Transfer Station - Essex	\$ 47,542	\$ 44,395	\$ 3,147	7%	\$ 95,084	\$ 92,508	\$ 2,576	3%
Transfer Station - Torrington	\$ 45,616	\$ 42,613	\$ 3,003	7%	\$ 91,232	\$ 88,944	\$ 2,288	3%
Transfer Station - Watertown	\$ 47,208	\$ 44,302	\$ 2,906	6%	\$ 94,416	\$ 93,312	\$ 1,104	1%
TOTAL ACCRUED EXPENDITURES	\$ 4,670,347	\$ 4,221,625	\$ 448,722	10%	\$ 9,562,694	\$ 8,552,715	\$ 1,009,979	11%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 752,737	\$ 704,725	\$ (48,012)	-6%	\$ 1,462,689	\$ 861,086	\$ (601,603)	-41%
DISTRIBUTION OF CSWS OPERATING INCOME								
Debt Service Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Improvement Fund	\$ 925,000	\$ 925,000	\$ -	0%	\$ 2,425,000	\$ 2,425,000	\$ -	0%
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 925,000	\$ 925,000	\$ -	0%	\$ 2,425,000	\$ 2,425,000	\$ -	0%
SURPLUS / (DEFICIT)								
	\$ (172,263)	\$ (220,275)	\$ (48,012)	28%	\$ (962,311)	\$ (1,563,914)	\$ (601,603)	63%

Materials Innovation and Recycling Authority
 FY 2017 Board of Directors Financial Report

Narrative

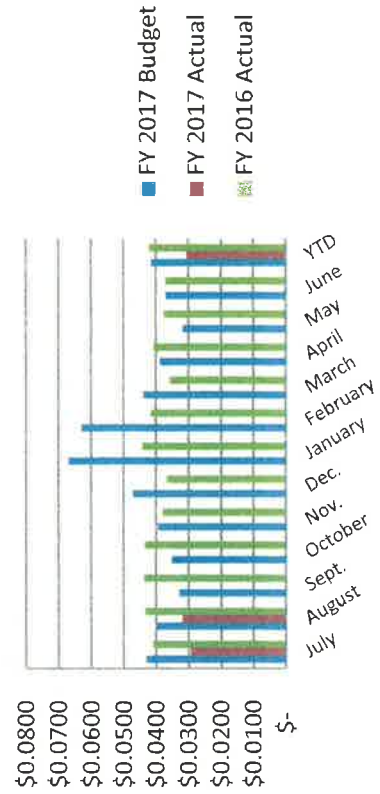
CSWS Electricity Production

Period Ending:

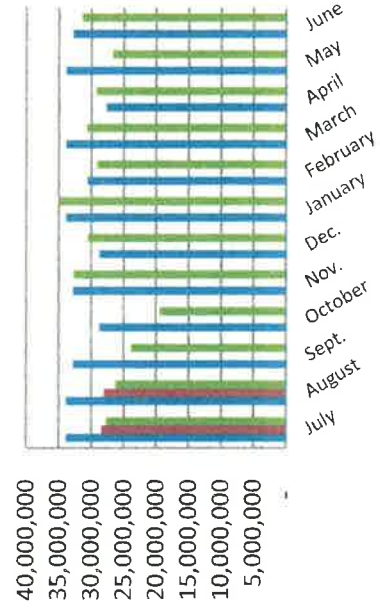
August 31, 2016

FY 2017	Price			Production			Generation Revenue		
	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0432	\$ 0.0293	\$ (0.0138)	34,002,849	28,425,370	(5,577,479)	\$ 1,468,438	\$ 834,139	\$ (634,299)
August	\$ 0.0401	\$ 0.0320	\$ (0.0082)	34,002,849	28,086,860	(5,915,989)	\$ 1,365,047	\$ 898,470	\$ (466,576)
Sept.	\$ 0.0331	-	n/a	32,905,983	-	n/a	\$ 1,089,871	\$ -	n/a
October	\$ 0.0354	-	n/a	28,884,140	-	n/a	\$ 1,022,654	\$ -	n/a
Nov.	\$ 0.0396	-	n/a	32,905,983	-	n/a	\$ 1,301,692	\$ -	n/a
Dec.	\$ 0.0473	-	n/a	28,884,141	-	n/a	\$ 1,366,791	\$ -	n/a
January	\$ 0.0671	-	n/a	34,002,849	-	n/a	\$ 2,280,486	\$ -	n/a
February	\$ 0.0631	-	n/a	30,712,251	-	n/a	\$ 1,938,670	\$ -	n/a
March	\$ 0.0441	-	n/a	34,002,849	-	n/a	\$ 1,498,189	\$ -	n/a
April	\$ 0.0390	-	n/a	27,787,274	-	n/a	\$ 1,082,547	\$ -	n/a
May	\$ 0.0320	-	n/a	34,002,849	-	n/a	\$ 1,087,981	\$ -	n/a
June	\$ 0.0371	-	n/a	32,905,983	-	n/a	\$ 1,222,035	\$ -	n/a
YTD	\$ 0.0417	\$ 0.0307	\$ (0.0110)	68,005,698	56,512,230	(11,493,468)	\$ 2,833,485	\$ 1,732,610	\$ (1,100,875)
YTD % Var.			-26%			-17%			-39%

Price / kWh



Production (KWh)



Materials Innovation and Recycling Authority
 FY 2017 Board of Directors Financial Report

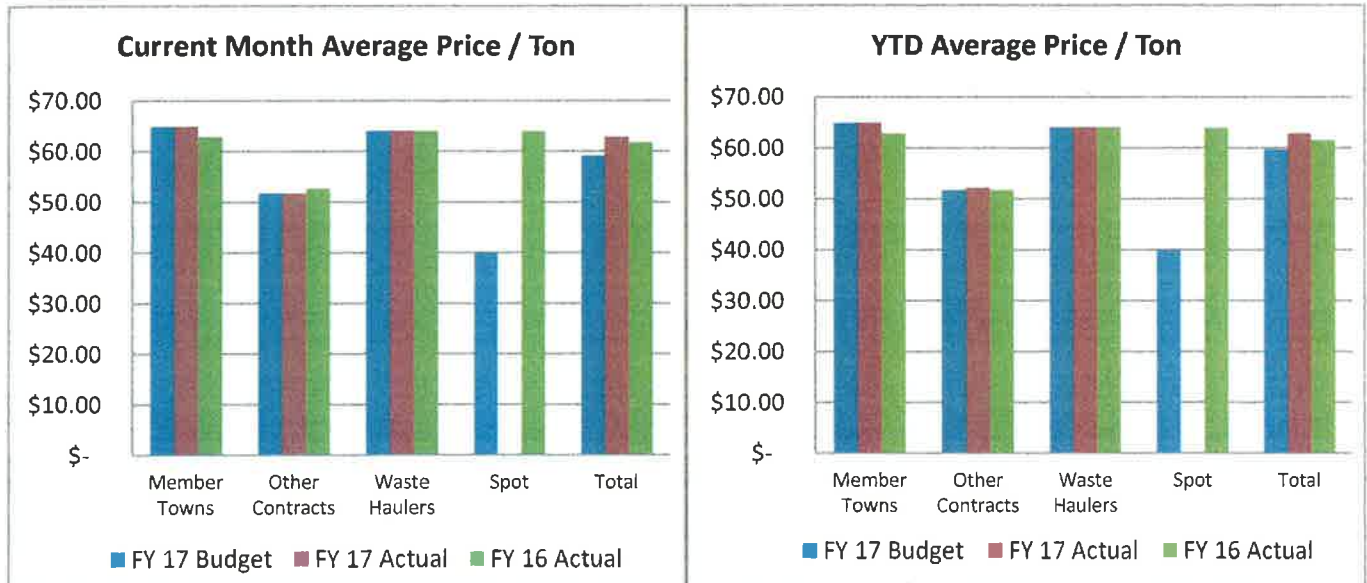
[Narrative](#)

CSWS Solid Waste Summary

Period Ending:

August 31, 2016

FY 17 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	31,819	\$ 2,064,566	\$ 64.88	66,394	\$ 4,308,122	\$ 64.89
<u>Other Contracts</u>	8,712	\$ 450,724	\$ 51.74	17,423	\$ 901,448	\$ 51.74
<u>Waste Haulers</u>	11,710	\$ 749,414	\$ 64.00	24,133	\$ 1,544,525	\$ 64.00
<u>Spot</u>	9,438	\$ 377,524	\$ 40.00	15,743	\$ 629,728	\$ 40.00
Total	61,678	\$ 3,642,228	\$ 59.05	123,693	\$ 7,383,822	\$ 59.69
FY 17 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	34,316	\$ 2,226,320	\$ 64.88	64,968	\$ 4,215,244	\$ 64.88
Other Contracts	8,325	\$ 430,261	\$ 51.68	15,682	\$ 817,629	\$ 52.14
Waste Haulers	16,349	\$ 1,046,405	\$ 64.00	31,152	\$ 1,993,868	\$ 64.00
Spot	-	\$ -	\$ -	-	\$ -	\$ -
Total	58,989	\$ 3,702,986	\$ 62.77	111,802	\$ 7,026,741	\$ 62.85
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	2,497	\$ 161,754	\$ (0.01)	(1,426)	\$ (92,878)	\$ (0.01)
Other Contracts	(387)	\$ (20,463)	\$ (0.05)	(1,741)	\$ (83,819)	\$ 0.40
Waste Haulers	4,639	\$ 296,990	\$ 0.00	7,019	\$ 449,343	\$ 0.00
Spot	(9,438)	\$ (377,524)	\$ (40.00)	(15,743)	\$ (629,728)	\$ (40.00)
Total	(2,689)	\$ 60,757	\$ 3.72	(11,891)	\$ (357,081)	\$ 3.16
Total % Var.	-4.4%	1.7%	6.3%	-9.6%	-4.8%	5.3%



CSWS Recycling Facility (Deliveries)

Period Ending:

August 31, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 62,743	\$ 69,957	\$ 7,214	\$ 123,533	\$ 141,041	\$ 17,508
Export Revenue	\$ 29,767	\$ 31,862	\$ 2,095	\$ 55,026	\$ 63,049	\$ 8,023
Total	\$ 92,510	\$ 101,819	\$ 9,309	\$ 178,560	\$ 204,090	\$ 25,531
Total % Var.			10%			14%

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	4,500.00	\$ 8.50	\$ 38,250	1,100	\$ 7.50	\$ 8,250	\$ 46,500
Commercial	5.55	\$ -	\$ -	75	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	254	\$ 64.00	\$ 16,243	\$ 16,243
Total	4,505.55	\$ 8.49	\$ 38,250	1,429	\$ 17.14	\$ 24,493	\$ 62,743
Current Month Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	4,645.32	\$ 8.50	\$ 39,485	1,033	\$ 7.50	\$ 7,747	\$ 47,233
Commercial	2.90	\$ -	\$ -	82	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	355	\$ 64.00	\$ 22,724	\$ 22,724
Total	4,648.22	\$ 8.49	\$ 39,485	1,470	\$ 20.72	\$ 30,472	\$ 69,957
Current Month Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	145.32	-	1,235	(67)	-	(503)	\$ 733
Commercial	(2.65)	-	-	7	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	101	-	6,481	\$ 6,481
Total	142.67	\$ 0.01	\$ 1,235	41	-	\$ 5,979	\$ 7,214

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	9,000.00	\$ 8.50	\$ 76,500	2,170	\$ 7.50	\$ 16,275	\$ 92,775
Commercial	12.77	\$ -	\$ -	149	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	481	\$ 64.00	\$ 30,758	\$ 30,758
Total	9,012.77	\$ 8.49	76,500.00	2,799	\$ 16.80	\$ 47,033	\$ 123,533
Year To Date Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	9,927.16	\$ 8.50	\$ 84,381	2,030	\$ 7.50	\$ 15,223	\$ 99,604
Commercial	6.11	\$ -	\$ -	166	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	657	\$ 63.08	\$ 41,437	\$ 41,437
Total	9,933.27	\$ 8.49	84,380.86	2,853	\$ 19.86	\$ 56,661	\$ 141,041
Year To Date Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	927.16	-	7,881	(140)	-	(1,052)	\$ 6,829
Commercial	(6.66)	-	-	18	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	176	(1)	10,679	\$ 10,679
Total	920.50	0.01	7,880.86	54	\$ 3.06	\$ 9,627	\$ 17,508

CSWS Recycling Facility (Exports)

Period Ending:

August 31, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 62,743	\$ 69,957	\$ 7,214	\$ 123,533	\$ 141,041	\$ 17,508
Export Revenue	\$ 29,767	\$ 31,862	\$ 2,095	\$ 55,026	\$ 63,049	\$ 8,023
Total	\$ 92,510	\$ 101,819	\$ 9,309	\$ 178,560	\$ 204,090	\$ 25,531
Total % Var.			10%			14%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	1,875.94	\$ -	\$ -	543	\$ -	\$ -	\$ -
Residential OCC	735.54	\$ 10.00	\$ 7,355	211	\$ 2.00	\$ 422	\$ 7,778
Residential Containers	1,330.49	\$ 15.00	\$ 19,957	384	\$ 3.00	\$ 1,151	\$ 21,109
Commercial	5.55	\$ 50.00	\$ 278	75	\$ 8.00	\$ 603	\$ 880
Total	3,947.52	\$ 6.99	\$ 27,590	1,213	\$ 1.79	\$ 2,176	\$ 29,767
Current Month Actual							
Residential ONP	1,886.34	\$ 6.50	\$ 12,261	419	\$ 1.30	\$ 545	\$ 12,807
Residential OCC	910.45	\$ 19.00	\$ 17,299	202	\$ 3.80	\$ 769	\$ 18,068
Residential Containers	1,603.94	\$ -	\$ -	357	\$ -	\$ -	\$ -
Commercial	2.90	\$ 74.41	\$ 216	82	\$ 9.37	\$ 772	\$ 988
Total	4,403.63	\$ 6.76	\$ 29,776	1,061	\$ 1.97	\$ 2,086	\$ 31,862
Current Month Variance							
Residential ONP	10.40	\$ 6.50	12,261	(124)	\$ 1.30	545	\$ 12,807
Residential OCC	174.91	\$ 9.00	9,943	(9)	\$ 1.80	347	\$ 10,290
Residential Containers	273.45	\$ (15.00)	(19,957)	(27)	\$ (3.00)	(1,151)	\$ (21,109)
Commercial	(2.65)	\$ 24.41	(62)	7	\$ 1.37	169	\$ 107
Total	456.11	\$ (0.23)	\$ 2,185	(152)	\$ 0.17	\$ (90)	\$ 2,095

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	3,708.76	\$ -	\$ -	1,086	\$ -	\$ -	\$ -
Residential OCC	1,454.17	\$ 10.00	\$ 14,542	422	\$ 2.00	\$ 844	\$ 15,386
Residential Containers	2,384.34	\$ 15.00	\$ 35,765	682	\$ 3.00	\$ 2,047	\$ 37,812
Commercial	12.77	\$ 50.00	\$ 639	149	\$ 8.00	\$ 1,189	\$ 1,828
Total	7,560.04	\$ 6.74	\$ 50,945	2,339	\$ 1.74	\$ 4,081	\$ 55,026
Year To Date Actual							
Residential ONP	4,281.48	\$ 5.10	\$ 21,842	871	\$ 1.04	\$ 907	\$ 21,842
Residential OCC	1,812.70	\$ 17.76	\$ 32,186	373	\$ 3.57	\$ 1,331	\$ 32,186
Residential Containers	2,869.11	\$ 1.65	\$ 4,729	595	\$ 0.30	\$ 178	\$ 4,729
Commercial	6.11	\$ 64.38	\$ 393	166	\$ 8.92	\$ 1,482	\$ 393
Total	8,969.40	\$ 6.59	\$ 59,150	2,006	\$ 1.94	\$ 3,899	\$ 63,049
Year To Date Variance							
Residential ONP	572.72	\$ 5.10	21,842	(215)	\$ 1.04	907	\$ 22,749
Residential OCC	358.53	\$ 7.76	17,644	(50)	\$ 1.57	487	\$ 18,131
Residential Containers	484.77	\$ (13.35)	(31,036)	(87)	\$ (2.70)	(1,869)	\$ (32,904)
Commercial	(6.66)	\$ 14.38	(245)	18	\$ 0.92	293	\$ 48
Total	1,409.36	\$ (0.14)	\$ 8,205	(333)	\$ 0.20	\$ (182)	\$ 8,023

Period Ending: **August 31, 2016**

Metal Sales

FY 2017	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,862.50	\$ 94,583	\$ 50.78	1,689.09	\$ 55,930	\$ 33.11	(173.41)	\$ (38,653)	\$ (17.67)
August	1,862.50	\$ 94,583	\$ 50.78	1,930.28	\$ 61,026	\$ 31.62	67.78	\$ (33,557)	\$ (19.17)
September	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
October	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
November	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
December	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
January	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
February	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
March	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
April	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
May	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
June	1,862.50	\$ 94,583	\$ 50.78	-	\$ -	n/a	n/a	n/a	n/a
YTD	3,725.00	\$ 189,166.67	\$ 50.78	3,619.38	\$ 116,957	\$ 32.31	(105.62)	\$ (72,210)	\$ (18.47)

Excess Ferrous Residue

FY 2017	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	158.70	\$ 6,348	\$ 40.00	292.30	\$ 11,692	\$ 40.00	133.60	5,344.00	\$ -
August	209.30	\$ 8,372	\$ 40.00	293.05	\$ 11,724	\$ 40.01	83.75	3,352.00	\$ 0.01
September	204.70	\$ 8,188	\$ 40.00			n/a			
October	193.20	\$ 7,728	\$ 40.00			n/a			
November	200.10	\$ 8,004	\$ 40.00			n/a			
December	197.80	\$ 7,912	\$ 40.00			n/a			
January	149.50	\$ 5,980	\$ 40.00			n/a			
February	144.90	\$ 5,796	\$ 40.00			n/a			
March	225.40	\$ 9,016	\$ 40.00			n/a			
April	218.50	\$ 8,740	\$ 40.00			n/a			
May	172.50	\$ 6,900	\$ 40.00			n/a			
June	225.40	\$ 9,016	\$ 40.00			n/a			
YTD	368.00	14,720.00	\$ 40.00	585.35	23,416.00	\$ 40.00	217.35	8,696.00	0.00

Total Metal Sales and Excess Residue

FY 2017	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	2,021.20	100,931	\$ 49.94	1,981.39	67,622.25	\$ 34.13	(39.81)	(33,309.08)	(15.81)
August	2,071.80	102,955	\$ 49.69	2,223.33	72,750.33	\$ 32.72	151.53	(30,205.00)	(16.97)
September	2,067.20	102,771	\$ 49.72	-	-	n/a			
October	2,055.70	102,311	\$ 49.77	-	-	n/a			
November	2,062.60	102,587	\$ 49.74	-	-	n/a			
December	2,060.30	102,495	\$ 49.75	-	-	n/a			
January	2,012.00	100,563	\$ 49.98	-	-	n/a			
February	2,007.40	100,379	\$ 50.00	-	-	n/a			
March	2,087.90	103,599	\$ 49.62	-	-	n/a			
April	2,081.00	103,323	\$ 49.65	-	-	n/a			
May	2,035.00	101,483	\$ 49.87	-	-	n/a			
June	2,087.90	103,599	\$ 49.62	-	-	n/a			
YTD	4,093.00	203,886.67	\$ 49.81	4,204.73	140,372.58	\$ 33.38	111.73	(63,514.09)	(16.43)

Materials Innovation and Recycling Authority
 FY 2017 Board of Directors Financial Report

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **August 31, 2016**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
Jets Electric:								
Capacity Payments	\$ 479,528	\$ 546,795	\$ 67,267	14%	\$ 959,056	\$ 1,024,637	\$ 65,581	7%
VARs Payments	\$ 4,014	\$ 5,768	\$ 1,754	44%	\$ 8,028	\$ 9,957	\$ 1,929	24%
Reserve Credits	\$ 50,000	\$ 525,195	\$ 475,195	950%	\$ 100,000	\$ 630,676	\$ 530,676	531%
Real Time Energy	\$ 19,916	\$ 233,301	\$ 213,385	1071%	\$ 39,832	\$ 262,411	\$ 222,579	559%
Total Jets Electric	\$ 553,458	\$ 1,311,059	\$ 757,601	137%	\$ 1,106,916	\$ 1,927,682	\$ 820,766	74%
Lease Income:								
CSWS Murphy Road	\$ 10,608	\$ 10,608	\$ -	0%	\$ 21,217	\$ 21,217	\$ -	0%
Golf Center	\$ 1,513	\$ 1,513	\$ -	0%	\$ 3,025	\$ 3,025	\$ -	0%
Wheelabrator Lease	\$ 35,946	\$ 35,946	\$ -	0%	\$ 71,891	\$ 71,891	\$ -	0%
Jets Billboard	\$ 45,350	\$ -	\$ (45,350)	n/a	\$ 45,350	\$ 45,350	\$ -	0%
Total Lease Income	\$ 93,417	\$ 48,067	\$ (45,350)	-49%	\$ 141,483	\$ 141,483	\$ -	0%
South Central Facility Capacity	\$ 5,083	\$ -	\$ (5,083)	n/a	\$ 10,166	\$ -	\$ (10,166)	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest Income	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL ACCRUED REVENUES	\$ 651,958	\$ 1,359,125	\$ 707,168	108%	\$ 1,258,565	\$ 2,069,165	\$ 810,600	64%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 19,727	\$ 10,863	\$ 8,864	45%	\$ 39,454	\$ 46,372	\$ (6,918)	-18%
MIRA Personnel Services	\$ 57,884	\$ 37,633	\$ 20,251	35%	\$ 144,669	\$ 106,893	\$ 37,776	26%
Railroad Maintenance	\$ 833	\$ -	\$ 833	n/a	\$ 1,666	\$ 9,551	\$ (7,885)	-473%
211 Murphy Road Ops. Center	\$ 16,333	\$ 5,937	\$ 10,396	64%	\$ 32,666	\$ 13,257	\$ 19,409	59%
1410 Honey Spot Road	\$ 7,250	\$ 2,976	\$ 4,274	59%	\$ 14,500	\$ 9,267	\$ 5,233	36%
171 Murphy Road	\$ 2,913	\$ 934	\$ 1,979	68%	\$ 5,826	\$ 1,498	\$ 4,328	74%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ 5,083	\$ -	\$ 5,083	n/a	\$ 10,166	\$ -	\$ 10,166	n/a
Jets Operating Charges	\$ 182,859	\$ 366,182	\$ (183,323)	-100%	\$ 368,024	\$ 431,924	\$ (63,900)	-17%
TOTAL ACCRUED EXPENDITURES	\$ 292,882	\$ 424,525	\$ (131,643)	-45%	\$ 616,971	\$ 618,762	\$ (1,791)	0%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 359,076	\$ 934,600	\$ 575,525	160%	\$ 641,594	\$ 1,450,404	\$ 808,810	126%
DISTRIBUTION OF PD OPERATING INCOME								
PD Improvement Fund	\$ 79,167	\$ 79,167	\$ 0	0%	\$ 158,333	\$ 158,334	\$ 1	0%
TOTAL DISTRIBUTIONS	\$ 79,167	\$ 79,167	\$ 0	0%	\$ 158,333	\$ 158,334	\$ 1	0%
SURPLUS / (DEFICIT)	\$ 279,909	\$ 855,433	\$ 575,524	206%	\$ 483,261	\$ 1,292,070	\$ 808,809	167%

Property Division and CSWS Flow of Funds

Period Ending: **August 31, 2016**
 Transfer Date: **September 7, 2016**
 Funding: **October 2016**

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 908,152.08	\$ (46.28)	\$ 908,105.80	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund	\$1,781,742.84	\$788.22	\$194,226.38		\$192,093.78	\$ 1,780,398.46
PD General Fund	\$1,986,670.16	\$706.86				\$ 1,987,377.02
PD Improvement Fund	\$500,065.21			\$12,188.00	\$ 79,167.00	\$ 591,420.21
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 636,845.02	Combined Below
Total	\$ 4,268,478.21	\$ 1,495.08	\$ 194,226.38	\$ 12,188.00	\$ 908,105.80	\$ 4,359,195.69
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 4,201,051.77		\$ 4,201,051.77	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF	\$11,265,236.74	\$4,398.21	\$3,758,306.82		\$5,042,173.79	\$ 12,553,501.92
Debt Service Fund	\$3,875.01					\$ 3,875.01
General Fund	\$1,036.23	\$3.56				\$ 1,039.79
CSWS Risk Fund	\$443,003.95	\$157.64				\$ 443,161.59
CSWS Legal Fund	\$602,805.12	\$214.49				\$ 603,019.61
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below				\$925,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				(\$1,766,122.02)	Combined Below
Total	\$ 12,315,957.05	\$ 4,773.90	\$ 3,758,306.82	\$ -	\$ 4,201,051.77	\$ 13,604,597.92
Combined	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
Severance Fund	\$794,854.24	\$282.81				\$ 795,137.05
CSWS Improvement Fund	\$2,762,087.39		\$573,000.00	\$110,623.00	\$ 925,000.00	\$ 3,224,710.39
CSWS Tip Fee Stabilization	\$2,894,193.33	\$1,073.84			\$ (1,129,277.00)	\$ 1,765,990.17
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$1,026,470.90		\$2,994,483.43	\$2,994,483.43		\$ 1,026,470.90
Landfill Operating Account	\$3,399,975.20		\$1,700.14	\$26,510.87		\$ 3,375,164.47

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, Mid-Connecticut and Southeast reserves not subject to disbursement or funding in accordance with adopted flow of funds. The Property Division Clearing Account had \$46.28 in residual bank transaction fees related to Trash Museum sales activities. After the quarterly NAES capital review, \$12,188 & \$110,623 was contributed to the PD Improvement fund and CSWS Improvement fund respectively. At the beginning of January, CSWS received \$7,515,488 in prepaid tip fees from waste haulers. This revenue flowed to the CSWS General Fund and was used to reimburse the Tip Fee Stabilization Fund. As of August 31, 2016, \$6,694,081 in prepaid tip fees have been applied to pay customer invoices and \$821,407 remained available on customer accounts. After the distribution of August receipts, \$11,311,838 remained due to the Tip Fee Stabilization Fund from CSWS. YTD \$1,022,142.86 has been contributed to the CSWS Tip Fee Stabilization reserve from receipts.

**Materials Innovation and Recycling Authority
 FY 2017 Board of Directors Financial Report
 CSWS Improvement Fund Status**

[Narrative](#)

Period Ending:

August 31, 2016

Budget Analysis		
Adopted Annual CSWS Contribution ⁽¹⁾		\$ 10,320,705
Adopted PD General Fund Transfer ⁽²⁾		\$ -
Total Contributions		\$ 10,320,705
Less: Year to Date Purchase Orders:		
Waste Processing Facility	\$ 25,000	
Power Block Facility	\$ 1,158,000	
Recycling		
Transfer Stations		
Rolling Stock		
True Up Amounts Returned		
Total Net YTD Purchase Orders		\$ 1,183,000
Equals: Unencumbered Year to Date Budget		\$ 9,137,705

Cash Reserve Analysis		
Period End Improvement Fund Cash Balance		\$ 2,299,710
+ FY Remaining Contributions	\$ 6,970,705	
- Approved Expenditures Not Paid		
- Unencumbered Budget (-)	\$ (9,137,705)	
Projected Year End Improvement Fund Balance		\$ 132,710
Period End Debt Service Fund Cash Balance ⁽³⁾		\$ 3,875
+ FY Remaining Contributions	\$ -	
Projected Year End Debt Service Fund Balance		\$ 3,875
Projected Year End Carry Forward		\$ 136,585

Reconciliation To Flow Of Funds Statement		
Period End Improvement Fund Cash Balance		\$ 2,299,710
Funding Due From Period End Receipts	\$ 925,000	
Flow of Funds Statement Balance		\$ 3,224,710

⁽¹⁾ Represents the initial annual adopted budget for CSWS contributions to the CSWS Improvement Fund of \$10,320,705.

⁽²⁾ The FY 2017 adopted budgets do not include a transfer of funds from Property Division General Fund to CSWS Improvement Fund.

⁽³⁾ Funds were required for payment of final FY 2015 turbine outage expense.

Materials Innovation and Recycling Authority
FY 2017 Board of Directors Financial Report

DRAFT

Segmented Income Statement

Period Ending: August 31, 2016

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges:								
Members	\$ -	\$ 4,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,215
Others	-	2,843	-	-	-	-	-	2,843
Energy sales	-	1,999	-	-	1,928	(22)	-	3,905
Other operating revenues	-	356	-	-	120	-	-	476
Total Operating Revenues	-	9,413	-	-	2,048	(22)	-	11,439
Operating Expenses								
Solid waste operations	-	7,693	(19)	-	471	37	(127)	8,093
Maintenance and utilities	-	148	-	-	80	(1)	-	227
Closure and post-closure care of landfills	-	-	-	-	-	-	-	-
Legal services - external	-	(1)	263	-	-	3	-	265
Administrative and Operational services	64	692	35	-	107	18	-	2,016
Distribution to SCRRA	-	-	-	-	-	-	-	-
Total Operating Expenses	64	8,532	317	-	658	57	(127)	10,601
Operating Income (Loss) before Depreciation and Amortization	(64)	881	(317)	-	1,390	(79)	127	838
Depreciation and amortization	-	-	-	-	-	-	-	-
Operating Income (Loss)	(64)	881	(317)	-	1,390	(79)	127	838
Non-Operating Revenues (Expenses)								
Investment income	-	-	-	-	-	-	-	-
Settlement costs	-	-	-	-	-	-	-	-
Other income (expenses)	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses), net	-	-	-	-	-	-	-	-
Income (Loss) before Transfers	(64)	882	(317)	-	1,390	(79)	127	839
Contribution of initial working capital	-	-	-	-	-	-	-	-
Transfers in (out)	-	(129)	-	-	256	-	(127)	-
Change in Net Position	(64)	755	(317)	-	1,646	(79)	-	1,939
Total Net Position, beginning of period	1,831	14,827	9,808	1,085	94,953	19,556	-	142,060
Total Net Position, end of period	\$ 1,767	\$ 15,580	\$ 9,491	\$ 1,085	\$ 96,599	\$ 19,477	\$ -	\$ 143,999
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves	64	-	-	-	39	-	-	103
Add: revenue/Murphy road lease	-	-	-	-	21	-	-	21
Less: expense: Murphy road lease	-	21	-	-	-	-	-	21
Add: Amortization	-	-	-	-	-	-	-	-
Less: GAAP Exp (Deferred for Budget)	-	-	-	-	-	-	-	-
add: Spare parts and fuel inventory adjustment	-	-	-	-	-	-	-	-
add: Capitalized expenses net of asset disposals	-	-	-	-	-	-	-	-
Add: rounding	-	-	-	-	-	-	-	-
Operating Income (Loss) per Variance report	-	861	-	-	1,450	-	-	2,311

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

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending August 31, 2016

Line	DETAILS	MONTH TO DATE				YEAR TO DATE			
		Budget	Actual	Variance		Budget	Actual	Variance	
EXPENDITURES									
1	Total Personnel Services	\$ 351,716	\$ 264,650	\$ 87,066	24.75%	\$ 879,052	\$ 755,167	\$ 123,885	14.09%
2	LESS: MIRA Direct Personnel	\$ 138,606	\$ 93,840	\$ 44,766	32.30%	\$ 346,420	\$ 275,487	\$ 70,934	20.48%
3	Authority Indirect Personnel	\$ 213,110	\$ 170,810	\$ 42,300	19.85%	\$ 532,632	\$ 479,681	\$ 52,951	9.94%
4	ADD: Authority Indirect Non-Personnel Services	\$ 93,597	\$ 27,308	\$ 66,290	70.82%	\$ 233,930	\$ 99,941	\$ 133,989	57.28%
5	LESS: Miscellaneous Income	\$ -	\$ -	\$ -	0.00%	\$ -	\$ 1,930	\$ (1,930)	0.00%
	SUBTOTAL AUTHORITY ALLOCATION	\$ 306,708	\$ 198,118	\$ 108,590	35.41%	\$ 766,562	\$ 577,692	\$ 188,871	24.64%
AUTHORITY ALLOCATION									
6	Mid-Connecticut Post Project Closure	\$ 18,740	\$ 12,105	\$ 6,635	35.41%	\$ 46,837	\$ 35,297	\$ 11,540	24.64%
7	Property Division	\$ 56,564	\$ 28,093	\$ 28,471	50.33%	\$ 141,372	\$ 81,917	\$ 59,455	42.06%
8	Landfill Division	\$ 10,060	\$ 6,498	\$ 3,562	35.41%	\$ 25,143	\$ 18,948	\$ 6,195	24.64%
9	Connecticut Solid Waste System (CSWS)	\$ 359,949	\$ 151,421	\$ 208,528	57.93%	\$ 899,631	\$ 441,530	\$ 458,101	50.92%
	SUBTOTAL ALLOCATED	\$ 445,313	\$ 198,118	\$ 247,196	55.51%	\$ 1,112,983	\$ 577,692	\$ 535,291	48.10%
	TOTAL EXPENDITURES	\$ 445,313	\$ 291,958	\$ 153,355	34.44%	\$ 1,112,983	\$ 853,178	\$ 259,805	23.34%

Line YTD VARIANCE EXPLANATION

- 1 Reflects total amount for MIRA Direct and Authority Indirect Personnel; Favorable due to reduction in budgeted positions and timing of labor and overhead allocation.
- 4 Favorable due to timing of expenses.
- 9 Favorable due to timing of expenses.

TAB B

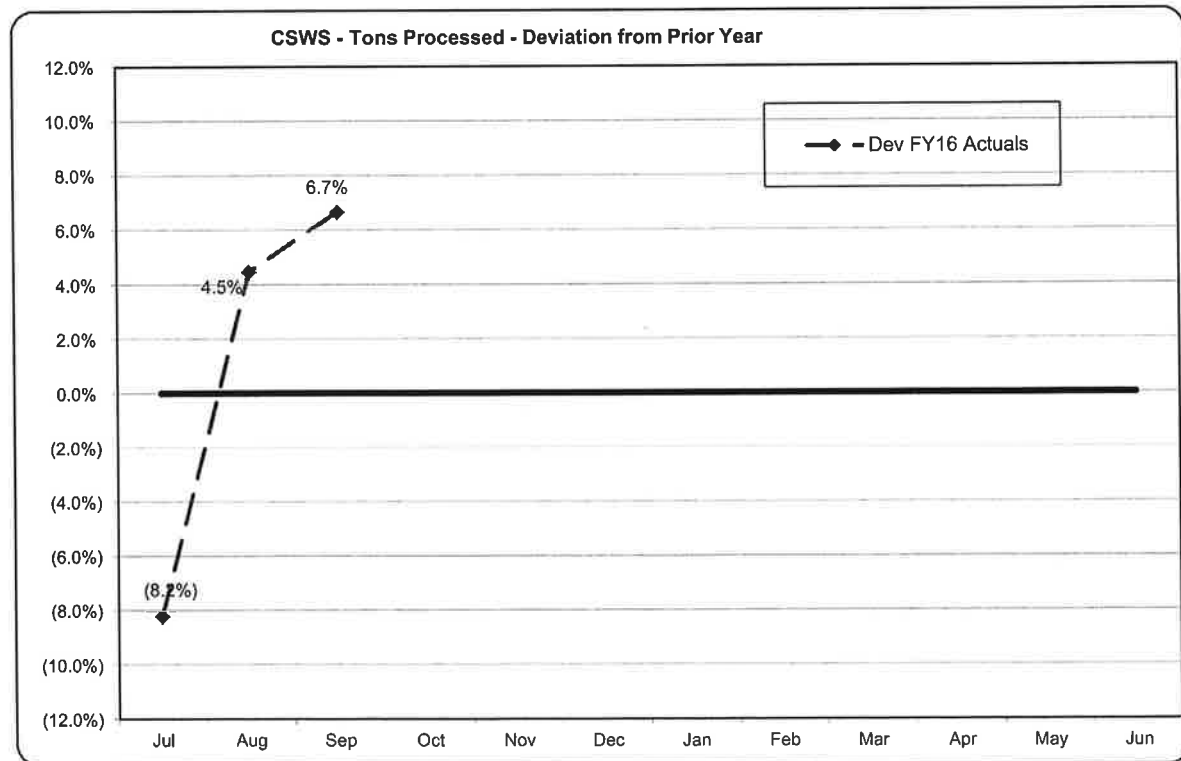
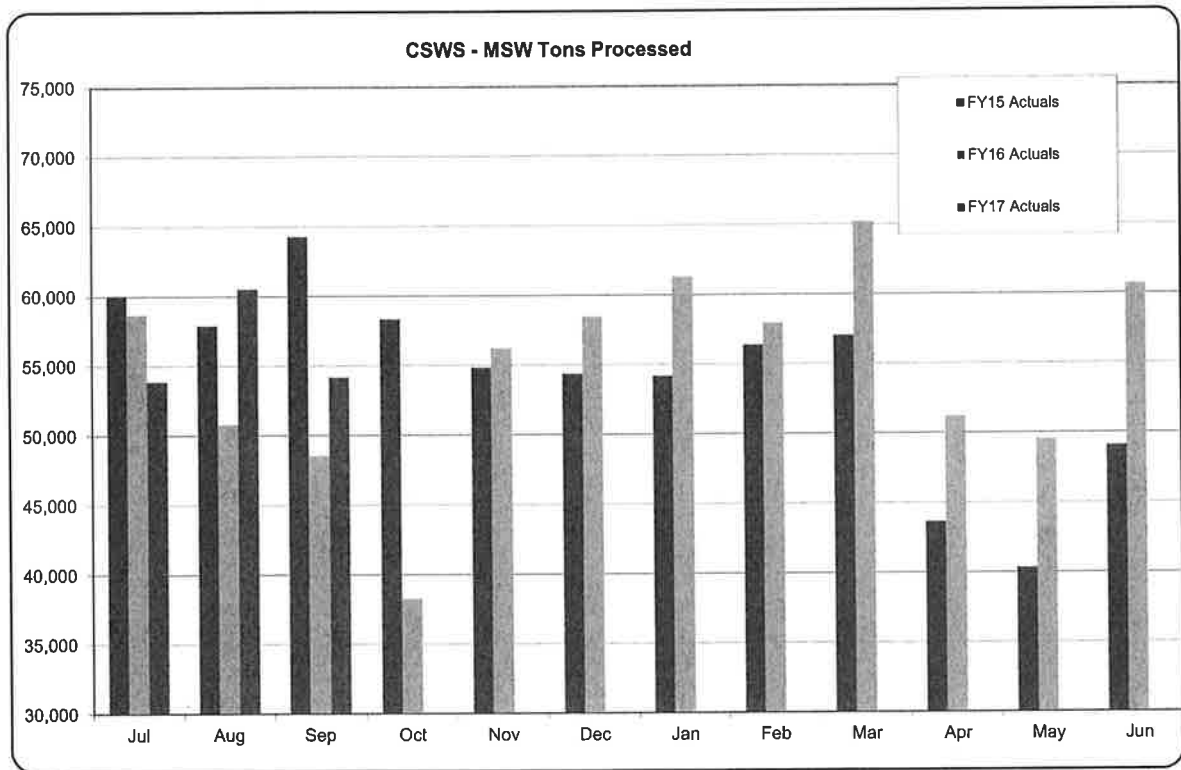
MATERIALS INNOVATION AND RECYCLING AUTHORITY

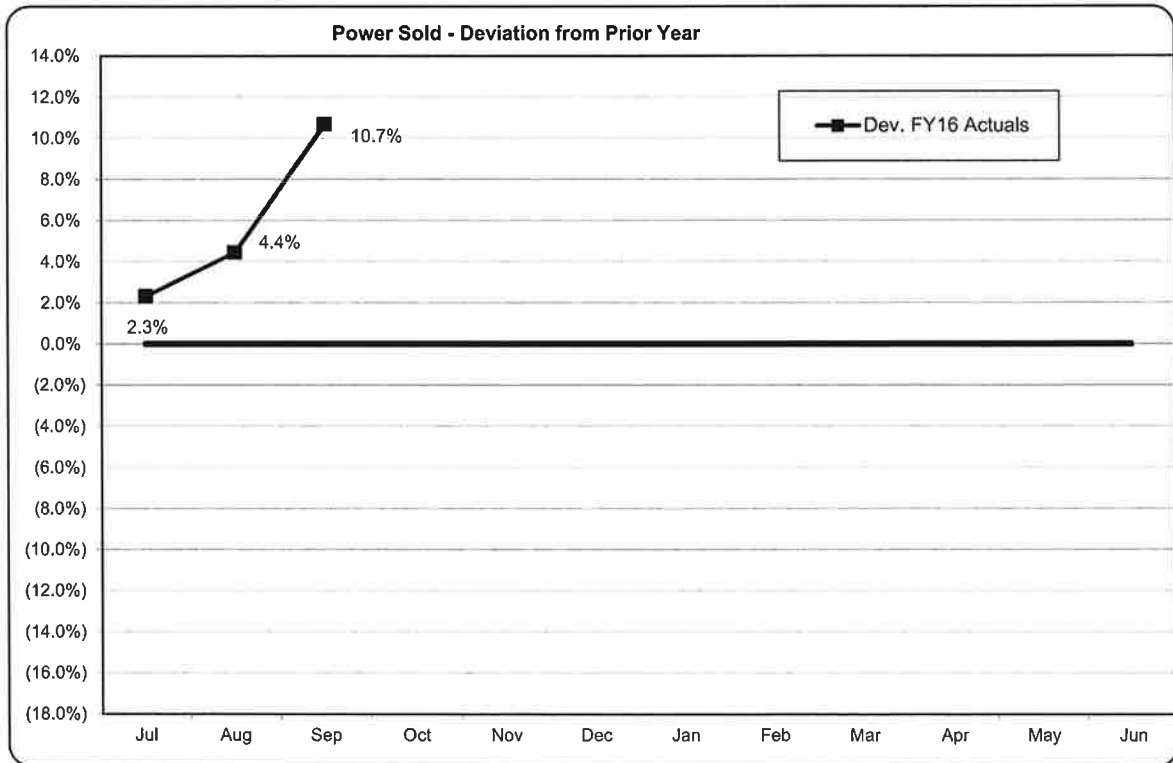
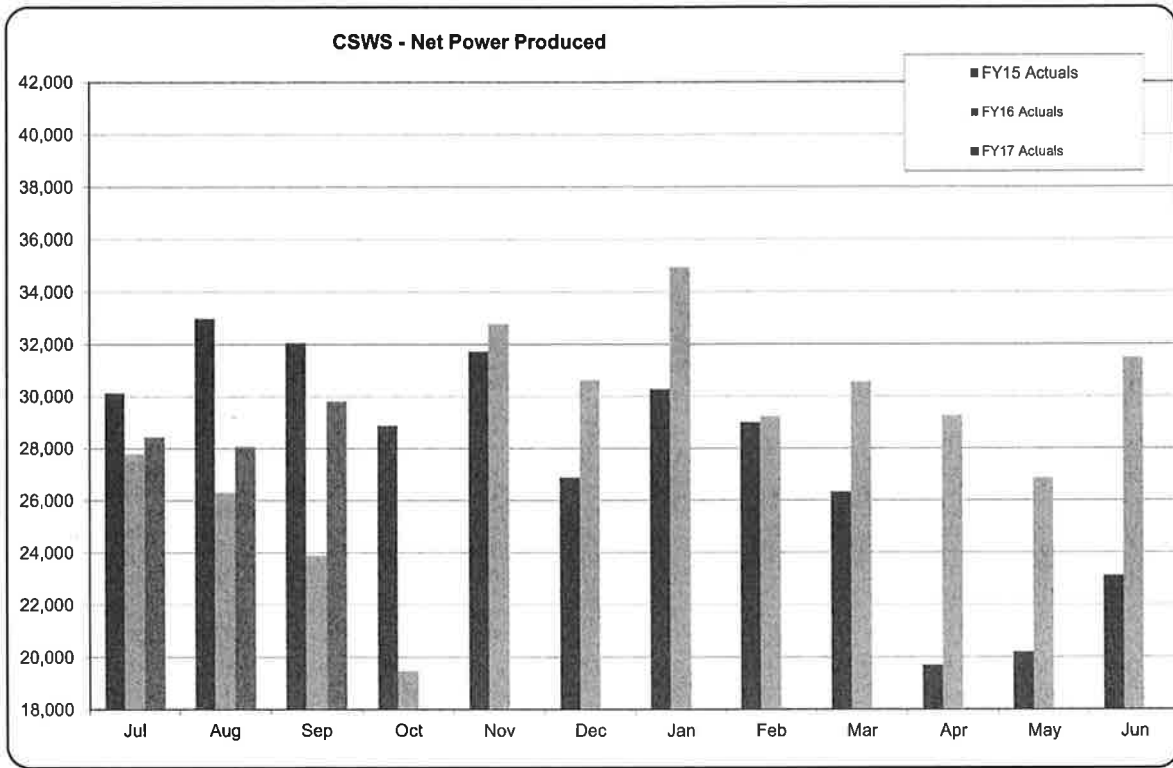
September 2016 Monthly Operational Summary

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		
	2015	2016	Change	2016	2017	Change	Sep 15	Sep 16	Change
CSWS									
Tons MSW Processed	650,642	656,915	1.0%	158,053	168,612	6.7%	48,536	54,183	11.6%
Steam (kibs)	4,125,108	4,324,840	4.8%	1,009,268	1,152,598	14.2%	312,289	395,467	26.6%
(% MCR)	68.0%	71.2%		99.5%	223.5%		62.6%	79.3%	
Power Net (MWhr)	331,356	343,284	3.6%	78,012	86,340	10.7%	23,898	29,820	24.8%

South Meadow Jets									
Net MWH	1,837	1,635	(11.0%)	874	694	(20.6%)	646	89	(86.2%)





Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Jul 16	70%	71%	79%
Aug 16	73%	74%	73%
Sep 16	73%	75%	89%

Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/01/16	07/01/16	11	11.00	Fuel Feed Problems
07/02/16	07/03/16	12	0.20	Broken Coupling
07/05/16	07/09/16	11	24.20	Unscheduled Cold Iron
07/05/16	07/09/16	12	12.80	Unscheduled Cold Iron
07/05/16	07/09/16	13	18.60	Unscheduled Cold Iron
07/16/16	07/17/16	12	8.10	Low drum level
07/16/16	07/19/16	13	73.00	Plugged baghouse compartments
07/16/16	07/17/16	12	8.10	Low drum level
07/16/16	07/19/16	13	73.00	Plugged baghouse compartments
08/02/16	08/02/16	13	3.00	Pans w/flat tires
08/09/16	08/10/16	11	25.70	Unscheduled Cold Iron
08/09/16	08/10/16	12	22.60	Unscheduled Cold Iron
08/09/16	08/11/16	13	43.10	Unscheduled Cold Iron
08/15/16	08/15/16	11	3.40	Fuel Feed Problems
08/15/16	08/19/16	12	50.10	Air Heater Tube Leak
08/22/16	08/22/16	11	15.60	Auger Drive coupling bad
08/25/16	08/25/16	12	1.40	Air Heater Tube Leak
08/27/16	08/31/16	11	83.00	Waterwall and tube leaks
08/31/16	08/31/16	12	0.10	Auger screw bearing and Air Heater Plug
08/31/16	08/31/16	13	22.90	Not listed
09/01/16	09/03/16	12	63.20	Auger screw bearing and Air Heater Plug/Sleeving, Outlet damper
09/01/16	09/01/16	13	15.00	Broken Grate, SSC derailed
09/07/16	09/08/16	12	29.70	Outlet damper
09/21/16	09/21/16	12	9.90	RDF Feed chute
09/28/16	09/30/16	11	51.90	PSH & SSH Leaks
09/29/16	09/30/16	13	27.60	Waterwall leak

Scheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Work Performed
07/12/16	07/15/16	12	75.90	Scheduled Cleaning Outage
07/25/16	07/29/16	11	112.90	Scheduled Cleaning Outage
07/12/16	07/15/16	12	75.90	Scheduled Cleaning Outage
08/15/16	08/18/16	13	89.20	Scheduled Cleaning
09/12/16	09/15/16	11	94.90	Scheduled Cleaning

SOUTH MEADOWS JETS
September 2016 Monthly Operational Summary

Date	Net Generation (MWH)	Comment
07/06/16	62.48	Summer CCA Testing
07/06/16	46.46	Summer CCA Testing
07/06/16	32.96	Dispatched by ISO-NE
07/07/16	52.38	Summer CCA Testing
07/25/16	50.48	Summer CCA Testing
08/01/16	136.20	MVAR testing
08/11/16	223.57	Dispatched by ISO-NE
09/07/16	89.31	Dispatched by ISO-NE

TAB C

MATERIALS INNOVATION AND RECYCLING AUTHORITY

Monthly Customer MSW and Recyclables Deliveries

September-16

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
CSWS MSW									
Tier 1	343,044	346,503	1%	89,418	89,228	(0%)	29,370	29,523	1%
Tier 2	25,423	13,214	(48%)	3,449	3,440	(0%)	1,144	1,115	(3%)
Tier 3	2,481	2,413	(3%)	599	633	6%	203	214	5%
Tier 4	0	9,502	-	0	3,801	-	0	1,282	-
Non-Processible MSW	700	1,299	86%	84	437	421%	25	168	572%
Hauler Contract	255,136	251,700	(1%)	54,296	68,541	26%	13,278	21,708	63%
Contract (FCR Residue)	5,531	6,258	13%	1,282	2,132	66%	433	797	84%
Ferrous Residue (excess)	3,726	3,792	2%	1,034	839	(19%)	542	253	(53%)
In-State Spot	24,533	15,104	(38%)	0	0	-	0	0	-
Out-of-State Spot	1,669	477	(71%)	37	0	(100%)	0	0	-
MSW TOTAL	662,243	650,262	(2%)	150,198	169,051	13%	44,996	55,060	22%

CSWS Recyclables									
Tier 1	43,193	44,722	4%	11,218	11,178	(0%)	3,786	3,706	(2%)
Tier 3	561	623	11%	151	161	6%	51	51	1%
Tier 4	0	2,333	-	0	852	-	0	283	-
Hauler Contract	8,326	9,711	17%	2,394	2,561	7%	858	860	0%
Contractor Sourced	12,506	14,896	19%	3,617	3,491	(3%)	1,398	1,149	(18%)
In-State Spot	0	0	-	0	0	-	0	0	-
Out-of-State Spot	0	0	-	0	0	-	0	0	-
RECYC. TOTAL	64,586	72,284	12%	17,380	18,244	5%	6,093	6,050	(1%)

CSWS MSW Diversions And Exports

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
TOTAL TONNAGE	9,758	4,947	(49%)	982	0	(100%)	0	0	-

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		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
Avon	11,120	11,268	1%	2,929	2,890	(1%)	951	1,007	6%
Beacon Falls	3,024	2,635	(13%)	585	689	18%	169	206	22%
Bethlehem	1,551	1,508	(3%)	409	390	(5%)	136	133	(2%)
Bloomfield	14,795	15,679	6%	3,922	4,192	7%	1,299	1,357	4%
Canaan	430	441	3%	122	107	(13%)	40	33	(18%)
Canton	4,481	4,680	4%	1,198	1,314	10%	410	432	5%
Clinton	4,790	4,803	0%	1,291	1,387	7%	438	404	(8%)
Colebrook	622	602	(3%)	167	189	13%	43	69	60%
Cornwall	493	505	3%	149	144	(3%)	53	43	(19%)
Deep River	3,639	3,489	(4%)	952	850	(11%)	335	276	(18%)
Durham/Middlefield	5,751	6,295	9%	1,454	2,128	46%	494	768	55%
East Granby	3,129	2,869	(8%)	735	712	(3%)	224	239	7%
East Hampton	6,122	6,146	0%	1,588	1,683	6%	517	586	13%
Ellington	5,253	5,139	(2%)	1,313	1,430	9%	437	474	9%
Essex	3,062	3,078	1%	862	865	0%	257	276	7%
Farmington	14,329	14,661	2%	3,630	3,757	4%	1,211	1,263	4%
Glastonbury	18,836	19,255	2%	4,849	4,937	2%	1,646	1,638	(0%)
Goshen	1,307	1,345	3%	398	380	(4%)	134	125	(6%)
Granby	5,413	4,791	(11%)	1,192	1,205	1%	371	374	1%
Haddam	3,193	3,372	6%	857	844	(1%)	276	290	5%
Hartford	85,433	84,428	(1%)	21,329	21,180	(1%)	7,011	7,083	1%
Harwinton	1,904	2,030	7%	520	506	(3%)	165	190	15%
Killingworth	1,912	1,919	0%	517	481	(7%)	165	162	(2%)
Litchfield*	0	4,860	-	1,272	1,275	0%	404	407	1%
Lyme	751	755	1%	206	201	(3%)	65	63	(3%)
Marlborough	2,431	2,276	(6%)	583	500	(14%)	206	143	(30%)
Middlebury	2,611	2,349	(10%)	598	599	0%	189	221	17%
Naugatuck	14,993	15,157	1%	3,588	4,017	12%	1,116	1,344	20%
Norfolk	762	728	(4%)	212	207	(2%)	66	61	(8%)
North Canaan	2,241	2,232	(0%)	650	557	(14%)	212	163	(23%)
Old Lyme	3,275	3,276	0%	1,037	1,035	(0%)	300	284	(5%)
Old Saybrook	9,744	9,852	1%	2,738	2,568	(6%)	846	840	(1%)
Oxford	7,730	6,204	(20%)	2,039	934	(54%)	685	307	(55%)
Portland	3,619	3,510	(3%)	939	947	1%	311	316	2%
Rocky Hill	11,671	11,458	(2%)	2,997	2,761	(8%)	1,044	968	(7%)
Roxbury	710	704	(1%)	187	182	(3%)	57	61	7%
RRDD#1	10,878	11,014	1%	3,024	2,963	(2%)	951	931	(2%)
Salisbury/Sharon	3,224	3,292	2%	917	903	(2%)	317	278	(12%)
Simsbury	14,348	13,698	(5%)	3,516	3,323	(5%)	1,176	1,135	(3%)
Torrington	24,005	23,792	(1%)	6,165	6,001	(3%)	2,037	1,966	(3%)
Watertown	10,816	11,204	4%	2,836	2,771	(2%)	937	886	(5%)
Wethersfield	14,025	14,634	4%	3,751	4,023	7%	1,283	1,332	4%
Woodbury	4,624	4,569	(1%)	1,194	1,202	1%	385	389	1%
TOTAL TIER 1 PARTICIPATING MUNICIPALITIES	343,044	346,503	1%	89,418	89,228	(0%)	29,370	29,523	1%

*Litchfield switched from Tier 2 to Tier 1 Municipality 7/1/2015

CSWS Tier 2 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
Litchfield*	5,201	0	(100%)	0	0	-	0	0	-
Manchester	12,955	13,214	2%	3,449	3,440	(0%)	1,144	1,115	(3%)
South Windsor**	7,267	0	(100%)	0	0		0	0	-
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	25,423	13,214	(48%)	3,449	3,440	(0%)	1,144	1,115	(3%)

*Litchfield switched from Tier 2 to Tier 1 Municipality 7/1/2015

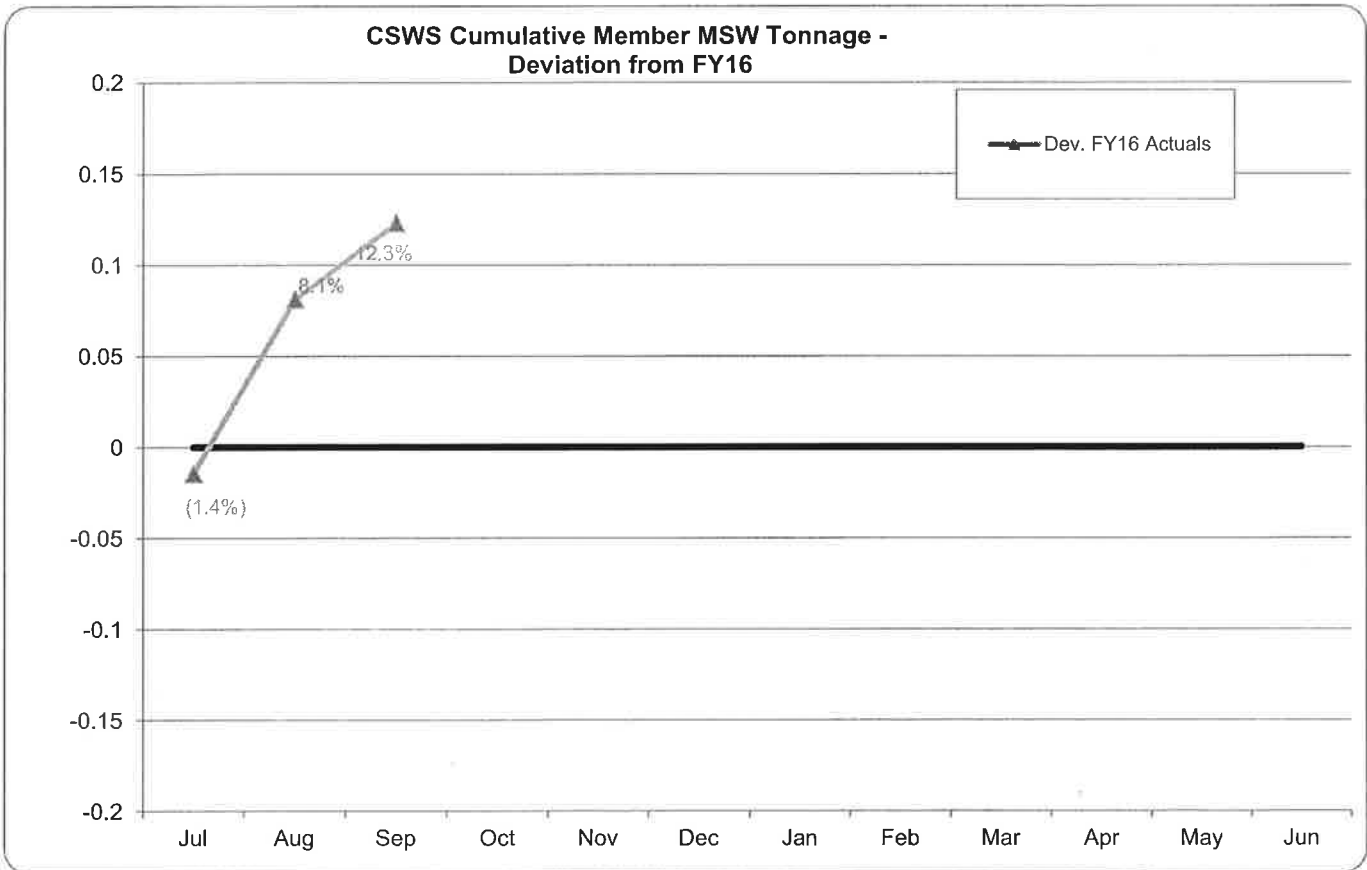
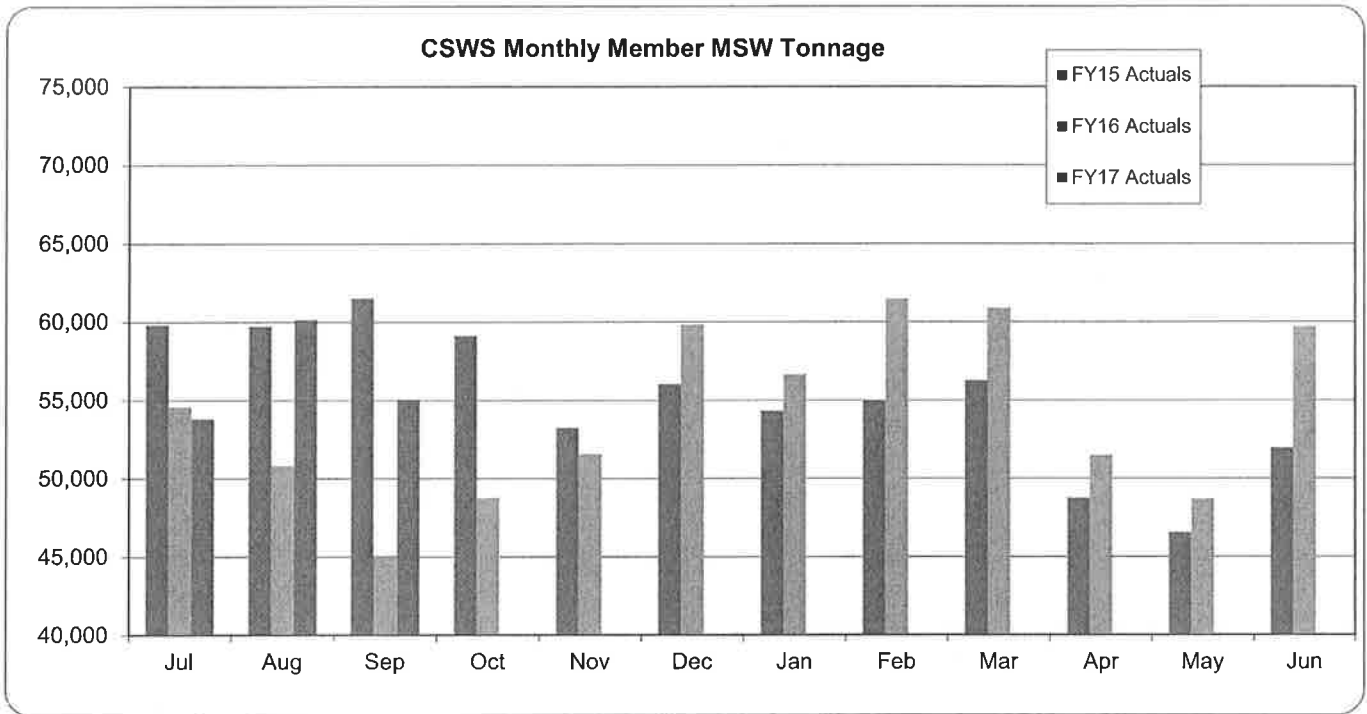
** Municipality left MIRA after FY15

CSWS Tier 3 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
Chester	19	14	(28%)	3	4	29%	1	1	27%
Thomaston	2,462	2,400	(3%)	595	629	6%	202	213	5%
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	2,481	2,413	(3%)	599	633	6%	203	214	5%

CSWS Tier 4 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
East Hartford***	0	9,502	-	0	3,801	-	0	1,282	-
TOTAL TIER 4 PARTICIPATING MUNICIPALITIES	0	9,502	-	0	3,801	-	0	1,282	-

*** Municipality signed with MIRA beginning 11/1/15

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		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
Avon	2,096	2,115	1%	543	479	(12%)	181	171	(6%)
Beacon Falls	321	373	16%	84	88	6%	21	31	50%
Bethlehem	330	346	5%	87	87	(0%)	22	25	17%
Bloomfield	1,717	1,733	1%	437	437	0%	147	150	2%
Canaan	90	90	0%	22	22	1%	8	6	(17%)
Canton	971	981	1%	242	238	(2%)	92	86	(7%)
Clinton	1,148	1,181	3%	302	297	(2%)	106	96	(9%)
Colebrook	188	179	(5%)	44	48	9%	12	17	33%
Cornwall	147	148	1%	49	48	(2%)	16	14	(12%)
Deep River	425	510	20%	124	122	(1%)	43	39	(10%)
East Granby	442	465	5%	127	167	32%	52	40	(24%)
East Hampton	948	1,012	7%	248	275	11%	93	93	(0%)
Ellington	1,415	1,426	1%	352	317	(10%)	108	105	(2%)
Essex	658	734	12%	180	176	(2%)	66	59	(11%)
Farmington	2,281	2,697	18%	620	655	6%	221	217	(2%)
Glastonbury	3,687	3,637	(1%)	890	868	(3%)	304	299	(2%)
Goshen	320	323	1%	99	94	(6%)	32	25	(20%)
Granby	1,461	1,457	(0%)	363	349	(4%)	140	124	(11%)
Haddam	645	683	6%	164	174	6%	51	62	20%
Hartford	5,373	5,600	4%	1,431	1,484	4%	478	482	1%
Harwinton	515	504	(2%)	117	132	13%	39	51	31%
Killingworth	464	472	2%	112	117	4%	36	35	(3%)
Litchfield	0	814	-	207	207	(0%)	71	64	(10%)
Marlborough	684	654	(4%)	169	142	(16%)	51	46	(9%)
Middlebury	873	840	(4%)	198	205	4%	66	68	3%
Norfolk	168	169	1%	47	46	(2%)	13	15	17%
North Canaan	231	235	2%	63	68	7%	20	22	9%
Old Lyme	8	0	(100%)	0	0	-	0	0	-
Old Saybrook	1,105	1,082	(2%)	301	310	3%	97	92	(5%)
Oxford	780	668	(14%)	171	164	(4%)	56	53	(4%)
Portland	610	573	(6%)	142	137	(4%)	43	44	1%
Rocky Hill	1,656	1,692	2%	407	401	(1%)	141	136	(4%)
Roxbury	184	182	(1%)	50	45	(11%)	16	11	(33%)
RRDD#1	1,799	1,815	1%	480	427	(11%)	151	137	(9%)
Salisbury-Sharon	1,079	1,053	(2%)	289	302	4%	93	96	4%
Torrington	3,004	2,956	(2%)	763	709	(7%)	256	235	(8%)
Watertown	1,758	1,706	(3%)	419	448	7%	148	155	5%
Wethersfield	2,710	2,775	2%	674	671	(0%)	231	232	1%
Woodbury	901	840	(7%)	200	222	11%	66	73	11%
TOTAL TIER 1 MUNICIPALITIES	43,193	44,722	4%	11,218	11,178	(0%)	3,786	3,706	(2%)

*Litchfield became a Tier 1 Municipality 7/1/2015.

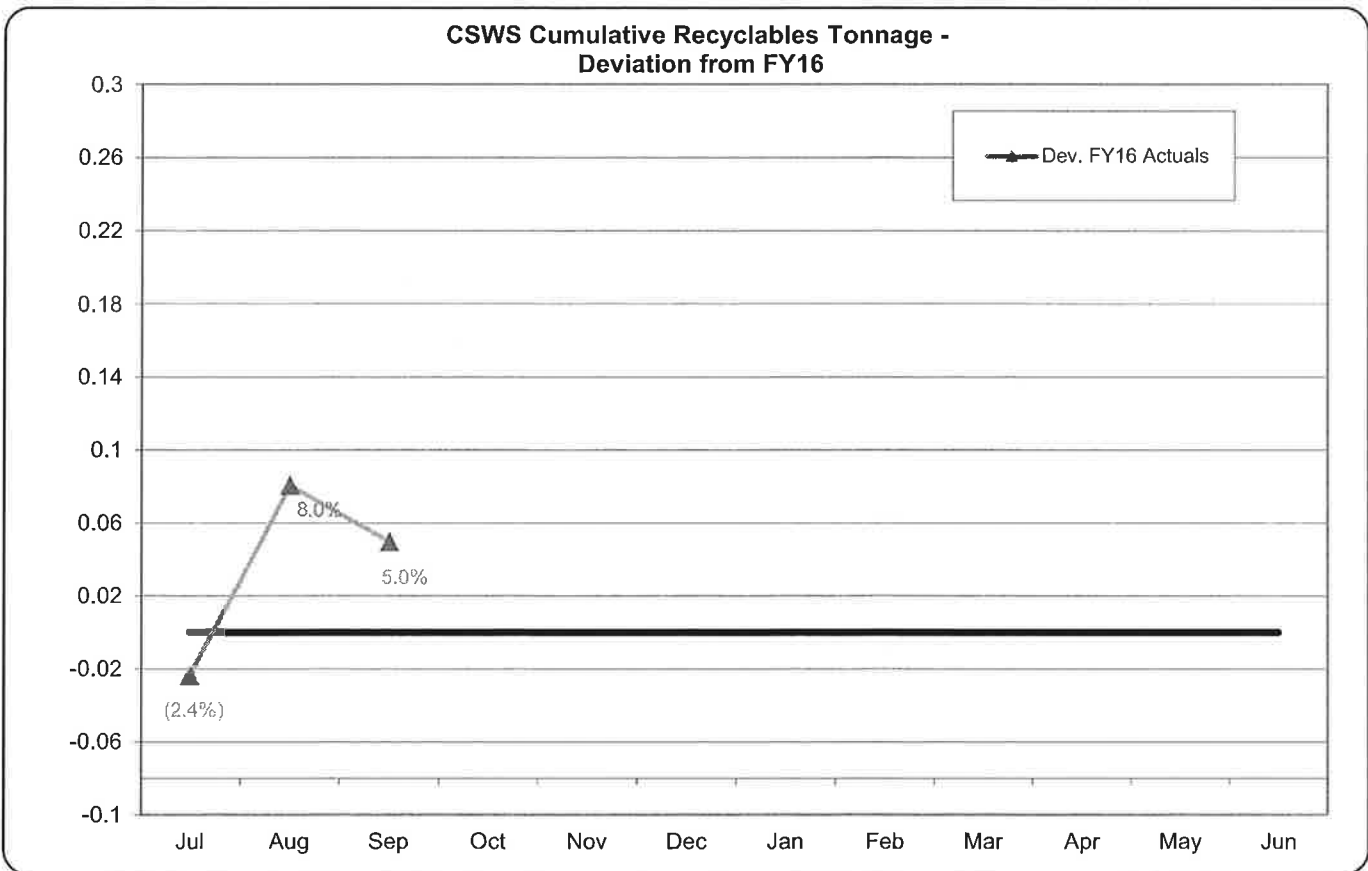
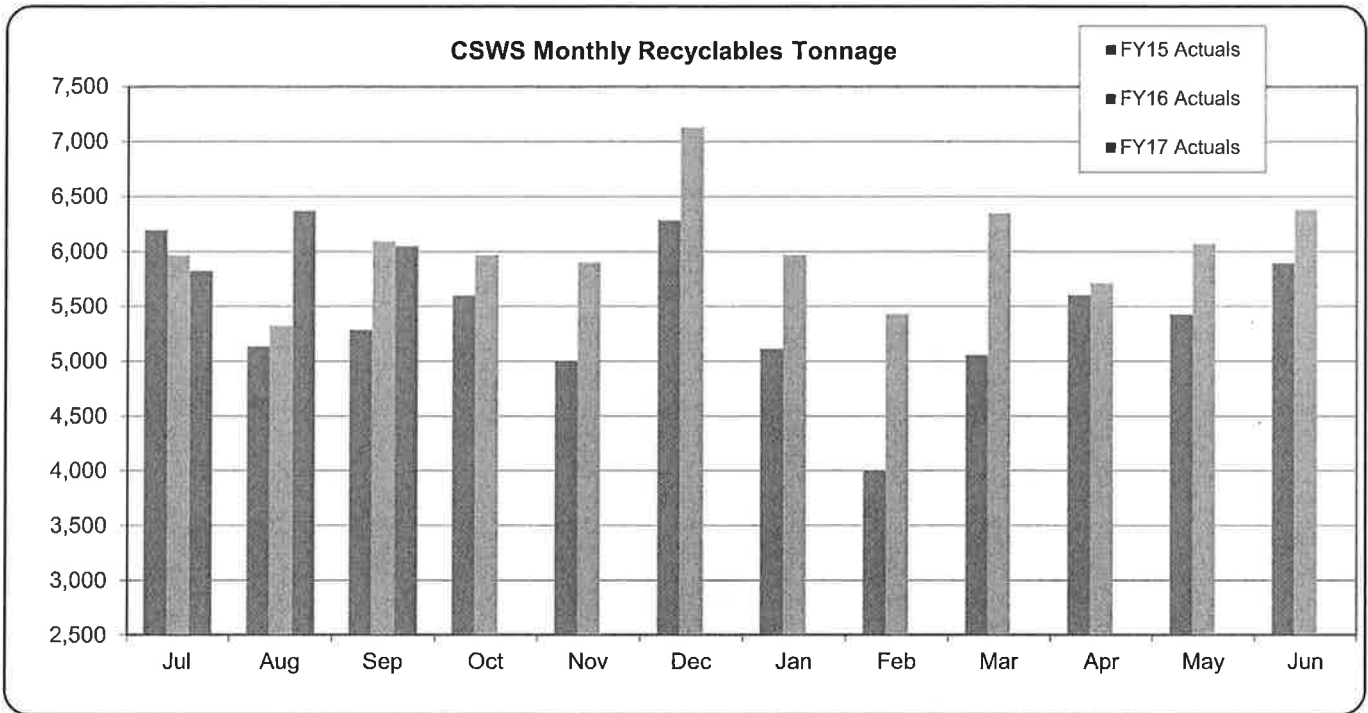
CSWS Tier 3 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
Chester	0	0	-	0	0	-	0	0	-
Thomaston	561	623	11%	151	161	6%	51	51	1%
TOTAL TIER 3 MUNICIPALITIES	561	623	11%	151	161	6%	51	51	1%

CSWS Tier 4 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Sep 15	Sep 16	Growth
East Hartford	0	2,333	-	0	852	-	0	283	-
TOTAL TIER 4 MUNICIPALITIES	0	2,333	-	0	852	-	0	283	-

CSWS Recyclables Trends



TAB D

FISCAL YEAR 2017 LEGAL REQUESTS FOR SERVICES

FIRM/BOARD APPROVAL	Matter	RFS Amount	Amount Incurred July - Aug. for FY'17 - * On a Cash Basis	Amount Incurred July - August for FY'17 - Per General Ledger	Notes for General Ledger amounts	Status O (Ongoing) C (Concluded) A (Anticipated)
Brown Rudnick	Compliance Matters	\$ -	\$ -			A
\$10,000.00		\$ -	\$ -			
Cohn Birnbaum & Shea	South Meadows Exit Strategy	\$ 30,000	\$ 2,272	\$ 15,689	11854.50 is prior year expenses not accrued for. \$2,130 is August accrued estimate.	O
\$75,000.00		\$ 30,000	\$ 2,272	\$ 15,689		
Day Pitney	NPDES Permitting Support	\$ -	\$ -			A
\$20,000.00		\$ -	\$ -			
Halloran & Sage	GC - Authority Budget	\$ 50,000	\$ 7,453	\$ 8,193	\$8000 is accrued estimate	O
\$600,000.00	Property Division	\$ 25,000	\$ -			O
	MDC Arbitration	\$ 250,000	\$ 112,207	\$ 123,207	Accrued estimate for July and August	O
	CSWS	\$ 50,000	\$ -	\$ (1,294)	Accrued estimate for 7/16 \$2000. Prior year excess estimate over actual \$3294.41 which is creating the negative balance.	O
	FOIA Complaint	\$ 25,000	\$ 1,403	\$ 1,700	Accrued estimate for July and August	O
	Landfill Division	\$ 5,000	\$ -	\$ 2,503	Prior year expenses not accrued	O
	Southeast Project	\$ 10,000	\$ 633			O
		\$ 415,000	\$ 121,694	\$ 134,307		
Kalnen, Escalera & McHale	Employment	\$ 25,000	\$ 1,776	\$ 1,776	Actual invoice	O
\$400,000.00	MDC Arbitration	\$ 250,000	\$ 133,583	\$ 122,745	\$44162.50 is accrued estimate	O
		\$ 275,000	\$ 135,359	\$ 124,521		
Pullman & Comley	Bond Counsel - General Counsel	\$ 5,000	\$ -			O
\$25,000.00	Bond Counsel - Southeast	\$ 5,000	\$ -			C
		\$ 10,000	\$ -			
TOTALS:		\$ 730,000	\$ 288,325	\$ 274,517		
\$1,130,000.00						

Status*

- O = Ongoing
- C = Concluded
- A = Anticipated