

Materials Innovation and Recycling Authority

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Materials Innovation and Recycling Authority

Regular Board of Directors

Supplemental Information

Sept. 22, 2016

I. Finance

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

CSWS Financials	MIRA Cash Flow
CSWS Electricity	CSWS Improvement Fund
CSWS Solid Waste Summary	Authority Budget
CSWS Recycling Summaries	FY 2018 Budget Development Schedule
Property Division Financials	

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending July 31, 2016 (Attachment B).
2. An update is provided on waste deliveries to all the projects for the period ending July 31, 2016 (Attachment C).
3. An update is provided on each project's monthly operations for the period ending Aug. 31, 2016 (Attachment D).
4. An update is provided on waste deliveries to all the projects for the period ending Aug. 31, 2016 (Attachment E).

III. Communications

5. Final Legal Expenditure Report FY'16 (Attachment F).

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 July was \$4.49 million (20% below budget). Nearly all categories of revenue were under budget with the key exceptions being the recycling facility and hauler contract waste which were both 19% above budget. Total operating expenses were \$4.33 million (11% under budget) in July. The primary areas of savings were in waste transportation and NAES contract operating charges. Year to date the CSWS has operating income of \$0.16 million which is \$0.55 million worse than budget. Reserve contributions were \$1.50 million (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 July. The actual average wholesale energy price received was \$0.0293 per kwh which was \$0.0138 (32%) below budget. Plant production of energy was 5.6 million kwh (16%) below budget in July. The plant operated at full capacity for 12 out of 31 days. Boilers 11 and 12 were both down for 10 days for cleaning outages conducted at different points in the month, and operation of these boilers were further impacted by three days of cold iron caused by activation of the RRF's deluge system and a head end plug. Boiler 13 was down for 9 days for the cold iron events as well as filter plug issues. Turbines 5 and 6 were down for 4 and 5 days, respectively, concurrent with the cold iron but they also experienced condenser and vacuum issues. Price and production combine to produce a \$0.63 million (43%) shortfall in electricity revenue for the month of July. In comparison to this period of fiscal year 2016, price and production are down 29% and up 2%, 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.

July deliveries totaled 52,813 tons which is 9,202 tons (14.8%) under budget. All categories of waste other than Waste Haulers were under budget. The per ton prices for Other Contract waste are \$0.91 per ton above budget year to date and up in comparison to FY 2016. There were no Spot waste deliveries in July. 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 11.2% 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 19% above budget in July. Delivery revenue was 17% above budget due to CSWS sourced single stream tonnage exceeding budget. Export revenue was 23% above budget. All categories of export tonnage exceeded budget other than FCR Commercial tonnage. The per ton prices for ONP and OCC also exceeded budget. Residential container prices were below budget. As part of the FY 2017 budget development process, ONP, OCC and container price expectations 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 July due to depressed pricing. The average per ton price for metal sales in July was \$33.11 per ton which is \$17.67 per ton (35%) 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 \$50.75 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 17% above budget in July primarily due to the jets being called to run and receipt of billboard revenue in July rather than August as budgeted. Operating expenses were 40% below budget in July reflecting savings in Jets operating charges. Total operating income for the Property Division is 83% 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 comprise the CSWS and the Authority's Property Division. 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 \$385,298 to the Tip Fee Stabilization Fund in July. Year to date distributions to this fund are \$385,298 in comparison to the maximum authorized distribution of \$3.0 million. CSWS cash receipts were sufficient to execute budgeted distributions to the CSWS Operating STIF but not the Improvement Fund causing a draw from Tip Fee Stabilization in the amount of \$817,104. After the distribution of July receipts, \$9,545,716 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.

CSWS Monthly Financial Report

Period Ending: **July 31, 2016**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<u>Member Towns</u>	\$ 2,243,556	\$ 1,988,925	\$ (254,631)	-11%	\$ 2,243,556	\$ 1,988,925	\$ (254,631)	-11%
<u>Other Contracts</u>	\$ 450,724	\$ 387,368	\$ (63,356)	-14%	\$ 450,724	\$ 387,368	\$ (63,356)	-14%
<u>Hauler Contracts</u>	\$ 795,110	\$ 947,463	\$ 152,353	19%	\$ 795,110	\$ 947,463	\$ 152,353	19%
<u>Spot Waste</u>	\$ 252,204	\$ -	\$ (252,204)	n/a	\$ 252,204	\$ -	\$ (252,204)	n/a
Other Operating Charges	\$ -	\$ 846	\$ 846	n/a	\$ -	\$ 846	\$ 846	n/a
Member Service Fee	\$ 3,550	\$ 3,433	\$ (117)	-3%	\$ 3,550	\$ 3,433	\$ (117)	-3%
<u>Metal Sales & Excess Residue</u>	\$ 100,931	\$ 67,622	\$ (33,309)	-33%	\$ 100,931	\$ 67,622	\$ (33,309)	-33%
Bulky Waste	\$ 14,485	\$ 10,988	\$ (3,497)	-24%	\$ 14,485	\$ 10,988	\$ (3,497)	-24%
<u>Recycling Facility</u>	\$ 86,050	\$ 102,271	\$ 16,222	19%	\$ 86,050	\$ 102,271	\$ 16,222	19%
<u>Electricity Sales</u>	\$ 1,468,438	\$ 834,139	\$ (634,299)	-43%	\$ 1,468,438	\$ 834,139	\$ (634,299)	-43%
Other Energy Markets	\$ 186,000	\$ 133,165	\$ (52,835)	-28%	\$ 186,000	\$ 133,165	\$ (52,835)	-28%
Misc. (Interest, Fees, Other)	\$ 1,250	\$ 11,230	\$ 9,980	798%	\$ 1,250	\$ 11,230	\$ 9,980	798%
TOTAL ACCRUED REVENUES	\$ 5,602,298	\$ 4,487,450	\$ (1,114,848)	-20%	\$ 5,602,298	\$ 4,487,450	\$ (1,114,848)	-20%
EXPENDITURES								
Administrative Expenses	\$ 351,145	\$ 290,108	\$ 61,037	17%	\$ 351,145	\$ 290,108	\$ 61,037	17%
Operational Expenses	\$ 287,457	\$ 358,298	\$ (70,841)	-25%	\$ 287,457	\$ 358,298	\$ (70,841)	-25%
PILOTS & Fees	\$ 240,000	\$ 230,384	\$ 9,616	4%	\$ 240,000	\$ 230,384	\$ 9,616	4%
Waste Transport	\$ 1,207,057	\$ 971,890	\$ 235,167	19%	\$ 1,207,057	\$ 971,890	\$ 235,167	19%
Recycling Facility	\$ 54,361	\$ 45,904	\$ 8,457	16%	\$ 54,361	\$ 45,904	\$ 8,457	16%
Murphy Road Operations	\$ 10,608	\$ 10,608	\$ (0)	0%	\$ 10,608	\$ 10,608	\$ (0)	0%
MIRA Facilities Operating Exp.	\$ 64,580	\$ 88,326	\$ (23,746)	-37%	\$ 64,580	\$ 88,326	\$ (23,746)	-37%
NAES Contract Operating Charges	\$ 2,356,062	\$ 2,014,627	\$ 341,435	14%	\$ 2,356,062	\$ 2,014,627	\$ 341,435	14%
NAES On-Site Incentive Comp.	\$ 76,086	\$ 76,086	\$ -	0%	\$ 76,086	\$ 76,086	\$ -	0%
NAES Management Fees	\$ 102,750	\$ 97,014	\$ 5,736	6%	\$ 102,750	\$ 97,014	\$ 5,736	6%
Transfer Station - Ellington	\$ 1,875	\$ 4,390	\$ (2,515)	-134%	\$ 1,875	\$ 4,390	\$ (2,515)	-134%
Transfer Station - Essex	\$ 47,542	\$ 48,113	\$ (571)	-1%	\$ 47,542	\$ 48,113	\$ (571)	-1%
Transfer Station - Torrington	\$ 45,616	\$ 46,331	\$ (715)	-2%	\$ 45,616	\$ 46,331	\$ (715)	-2%
Transfer Station - Watertown	\$ 47,208	\$ 49,010	\$ (1,802)	-4%	\$ 47,208	\$ 49,010	\$ (1,802)	-4%
TOTAL ACCRUED EXPENDITURES	\$ 4,892,347	\$ 4,331,089	\$ 561,258	11%	\$ 4,892,347	\$ 4,331,089	\$ 561,258	11%
OPERATING INCOME (Before Reserves / Transfers)	\$ 709,951	\$ 156,361	\$ (553,591)	-78%	\$ 709,951	\$ 156,361	\$ (553,591)	-78%
DISTRIBUTION OF CSWS OPERATING INCOME								
<u>Debt Service Fund</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>CSWS Improvement Fund</u>	\$ 1,500,000	\$ 1,500,000	\$ -	0%	\$ 1,500,000	\$ 1,500,000	\$ -	0%
<u>CSWS Risk Fund</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>CSWS Legal Reserve</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<u>MIRA Severance Reserve</u>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 1,500,000	\$ 1,500,000	\$ -	0%	\$ 1,500,000	\$ 1,500,000	\$ -	0%
SURPLUS / (DEFICIT)	\$ (790,049)	\$ (1,343,639)	\$ (553,591)	70%	\$ (790,049)	\$ (1,343,639)	\$ (553,591)	70%

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

[Narrative](#)

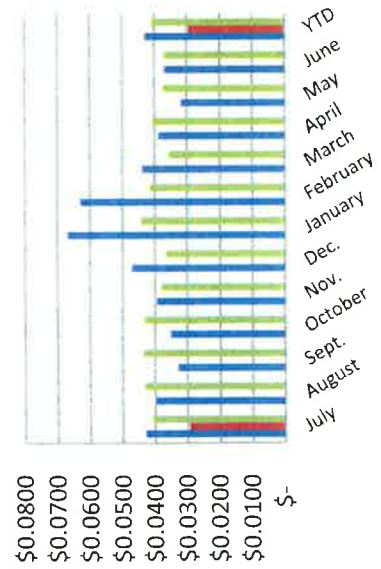
CSWS Electricity Production

Period Ending:

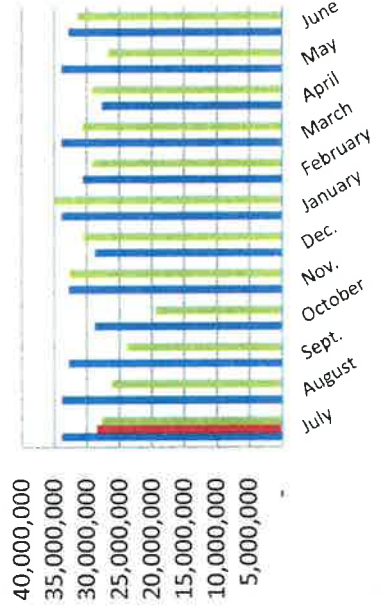
July 31, 2016

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	\$ -	n/a	34,002,849	-	n/a	\$ 1,365,047	\$ -	n/a
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	\$ 0.0432	\$ 0.0293	\$ (0.0138)	34,002,849	28,425,370	(5,577,479)	\$ 1,468,438	\$ 834,139	\$ (634,299)
YTD % Var.			-32%			-16%			-43%

Price / kWh



Production (KWh)

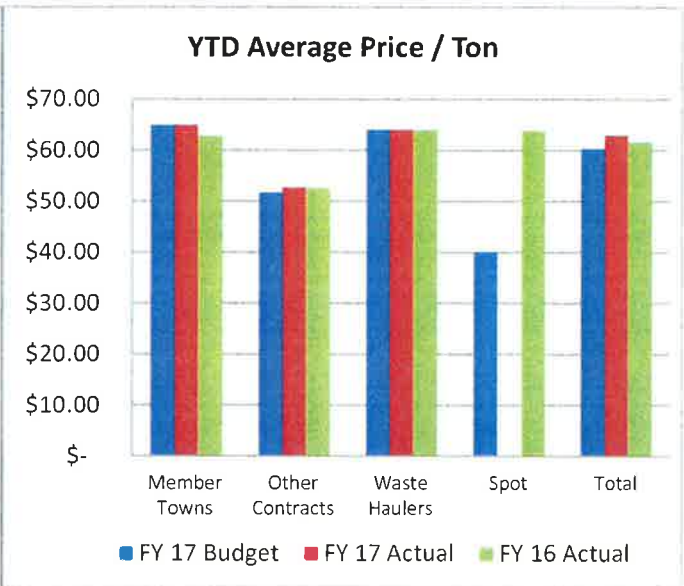
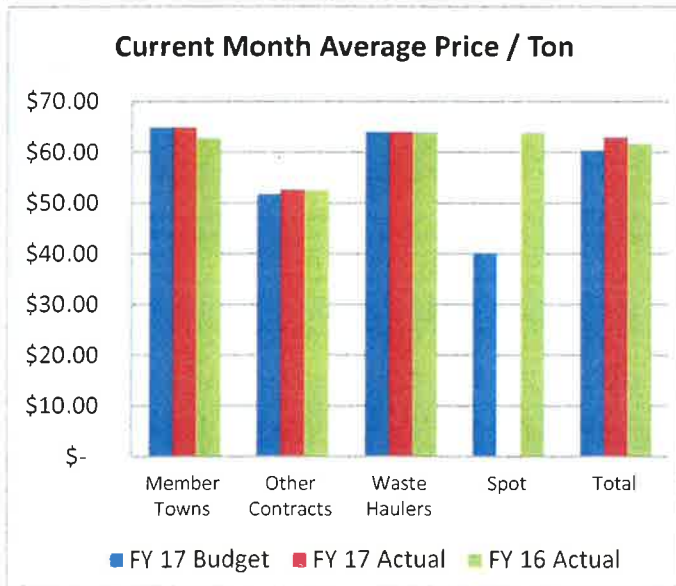


CSWS Solid Waste Summary

Period Ending:

July 31, 2016

FY 17 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	34,575	\$ 2,243,556	\$ 64.89	34,575	\$ 2,243,556	\$ 64.89
<u>Other Contracts</u>	8,712	\$ 450,724	\$ 51.74	8,712	\$ 450,724	\$ 51.74
<u>Waste Haulers</u>	12,424	\$ 795,110	\$ 64.00	12,424	\$ 795,110	\$ 64.00
<u>Spot</u>	6,305	\$ 252,204	\$ 40.00	6,305	\$ 252,204	\$ 40.00
Total	62,015	\$ 3,741,594	\$ 60.33	62,015	\$ 3,741,594	\$ 60.33
FY 17 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	30,652	\$ 1,988,925	\$ 64.89	30,652	\$ 1,988,925	\$ 64.89
Other Contracts	7,358	\$ 387,368	\$ 52.65	7,358	\$ 387,368	\$ 52.65
Waste Haulers	14,803	\$ 947,463	\$ 64.01	14,803	\$ 947,463	\$ 64.01
Spot	-	\$ -	\$ -	-	\$ -	\$ -
Total	52,813	\$ 3,323,756	\$ 62.93	52,813	\$ 3,323,756	\$ 62.93
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(3,923)	\$ (254,631)	\$ (0.00)	(3,923)	\$ (254,631)	\$ (0.00)
Other Contracts	(1,354)	\$ (63,356)	\$ 0.91	(1,354)	\$ (63,356)	\$ 0.91
Waste Haulers	2,379	\$ 152,353	\$ 0.01	2,379	\$ 152,353	\$ 0.01
Spot	(6,305)	\$ (252,204)	\$ (40.00)	(6,305)	\$ (252,204)	\$ (40.00)
Total	(9,202)	\$ (417,839)	\$ 2.60	(9,202)	\$ (417,839)	\$ 2.60
Total % Var.	-14.8%	-11.2%	4.3%	-14.8%	-11.2%	4.3%



CSWS Recycling Facility (Deliveries)

Period Ending:

July 31, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 60,790	\$ 71,084	\$ 10,294	\$ 60,790	\$ 71,084	\$ 10,294
Export Revenue	\$ 25,260	\$ 31,187	\$ 5,928	\$ 25,260	\$ 31,187	\$ 5,928
Total	\$ 86,050	\$ 102,271	\$ 16,222	\$ 86,050	\$ 102,271	\$ 16,222
Total % Var.			19%			19%

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	1,070	\$ 7.50	\$ 8,025	\$ 46,275
Commercial	7.22	\$ -	\$ -	73	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	227	\$ 64.00	\$ 14,515	\$ 14,515
Total	4,507.22	\$ 8.49	\$ 38,250	1,370	\$ 16.45	\$ 22,540	\$ 60,790
Current Month Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	5,281.84	\$ 8.50	\$ 44,896	997	\$ 7.50	\$ 7,476	\$ 52,371
Commercial	3.21	\$ -	\$ -	84	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	302	\$ 62.00	\$ 18,713	\$ 18,713
Total	5,285.05	\$ 8.49	\$ 44,896	1,382	\$ 18.94	\$ 26,189	\$ 71,084
Current Month Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	781.84	-	6,646	(73)	-	(549)	\$ 6,096
Commercial	(4.01)	-	-	11	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	75	(2)	4,198	\$ 4,198
Total	777.83	\$ 0.01	\$ 6,646	12	(2)	\$ 3,648	\$ 10,294

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	4,500.00	\$ 8.50	\$ 38,250	1,070	\$ 7.50	\$ 8,025	\$ 46,275
Commercial	7.22	\$ -	\$ -	73	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	227	\$ 64.00	\$ 14,515	\$ 14,515
Total	4,507.22	\$ 8.49	38,250.00	1,370	\$ 16.45	\$ 22,540	\$ 60,790
Year To Date Actual							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	5,281.84	\$ 8.50	\$ 44,896	997	\$ 7.50	\$ 7,476	\$ 52,371
Commercial	3.21	\$ -	\$ -	84	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	302	\$ 62.00	\$ 18,713	\$ 18,713
Total	5,285.05	\$ 8.49	44,895.64	1,382	\$ 18.94	\$ 26,189	\$ 71,084
Year To Date Variance							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	781.84	-	6,646	(73)	-	(549)	\$ 6,096
Commercial	(4.01)	-	-	11	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	75	(2)	4,198	\$ 4,198
Total	777.83	0.01	6,645.64	12	\$ 2.49	\$ 3,648	\$ 10,294

CSWS Recycling Facility (Exports)

Period Ending:

July 31, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 60,790	\$ 71,084	\$ 10,294	\$ 60,790	\$ 71,084	\$ 10,294
Export Revenue	\$ 25,260	\$ 31,187	\$ 5,928	\$ 25,260	\$ 31,187	\$ 5,928
Total	\$ 86,050	\$ 102,271	\$ 16,222	\$ 86,050	\$ 102,271	\$ 16,222
Total % Var.			19%			19%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	1,832.82	\$ -	\$ -	543	\$ -	\$ -	\$ -
Residential OCC	718.63	\$ 10.00	\$ 7,186	211	\$ 2.00	\$ 422	\$ 7,609
Residential Containers	1,053.85	\$ 15.00	\$ 15,808	299	\$ 3.00	\$ 896	\$ 16,703
Commercial	7.22	\$ 50.00	\$ 361	73	\$ 8.00	\$ 587	\$ 948
Total	3,612.52	\$ 6.47	\$ 23,355	1,126	\$ 1.69	\$ 1,904	\$ 25,260
Current Month Actual							
Residential ONP	2,395.13	\$ 4.00	\$ 9,581	452	\$ 0.80	\$ 362	\$ 9,942
Residential OCC	902.25	\$ 16.50	\$ 14,887	170	\$ 3.30	\$ 562	\$ 15,449
Residential Containers	1,265.15	\$ 3.74	\$ 4,729	239	\$ 0.75	\$ 178	\$ 4,908
Commercial	3.21	\$ 55.32	\$ 178	84	\$ 8.47	\$ 711	\$ 888
Total	4,565.74	\$ 6.43	\$ 29,374	945	\$ 1.92	\$ 1,813	\$ 31,187
Current Month Variance							
Residential ONP	562.31	\$ 4.00	9,581	(91)	\$ 0.80	362	\$ 9,942
Residential OCC	183.62	\$ 6.50	7,701	(41)	\$ 1.30	140	\$ 7,840
Residential Containers	211.30	\$ (11.26)	(11,079)	(60)	\$ (2.25)	(717)	\$ (11,796)
Commercial	(4.01)	\$ 5.32	(183)	11	\$ 0.47	124	\$ (59)
Total	953.22	\$ (0.03)	\$ 6,019	(181)	\$ 0.23	\$ (92)	\$ 5,928

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	1,832.82	\$ -	\$ -	543	\$ -	\$ -	\$ -
Residential OCC	718.63	\$ 10.00	\$ 7,186	211	\$ 2.00	\$ 422	\$ 7,609
Residential Containers	1,053.85	\$ 15.00	\$ 15,808	299	\$ 3.00	\$ 896	\$ 16,703
Commercial	7.22	\$ 50.00	\$ 361	73	\$ 8.00	\$ 587	\$ 948
Total	3,612.52	\$ 6.47	\$ 23,355	1,126	\$ 1.69	\$ 1,904	\$ 25,260
Year To Date Actual							
Residential ONP	2,395.13	\$ 4.00	\$ 9,581	452	\$ 0.80	\$ 362	\$ 9,581
Residential OCC	902.25	\$ 16.50	\$ 14,887	170	\$ 3.30	\$ 562	\$ 14,887
Residential Containers	1,265.15	\$ 3.74	\$ 4,729	239	\$ 0.75	\$ 178	\$ 4,729
Commercial	3.21	\$ 55.32	\$ 178	84	\$ 8.47	\$ 711	\$ 178
Total	4,565.74	\$ 6.43	\$ 29,374	945	\$ 1.92	\$ 1,813	\$ 31,187
Year To Date Variance							
Residential ONP	562.31	\$ 4.00	9,581	(91)	\$ 0.80	362	\$ 9,942
Residential OCC	183.62	\$ 6.50	7,701	(41)	\$ 1.30	140	\$ 7,840
Residential Containers	211.30	\$ (11.26)	(11,079)	(60)	\$ (2.25)	(717)	\$ (11,796)
Commercial	(4.01)	\$ 5.32	(183)	11	\$ 0.47	124	\$ (59)
Total	953.22	\$ (0.03)	\$ 6,019	(181)	\$ 0.23	\$ (92)	\$ 5,928

Period Ending: **July 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	-	\$ -	n/a	n/a	n/a	n/a
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	1,862.50	\$ 94,583.33	\$ 50.78	1,689.09	\$ 55,930.25	\$ 33.11	(173.41)	\$ (38,653.08)	\$ (17.67)

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			n/a			
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	158.70	6,348.00	\$ 40.00	292.30	11,692.00	\$ 40.00	133.60	5,344.00	-

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	-	-	n/a			
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	2,021.20	100,931.33	\$ 49.94	1,981.39	67,622.25	\$ 34.13	(39.81)	(33,309.08)	(15.81)

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

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **July 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	\$ 477,843	\$ (1,685)	0%	\$ 479,528	\$ 477,843	\$ (1,685)	0%
VARS Payments	\$ 4,014	\$ 4,189	\$ 175	4%	\$ 4,014	\$ 4,189	\$ 175	4%
Reserve Credits	\$ 50,000	\$ 51,490	\$ 1,490	3%	\$ 50,000	\$ 51,490	\$ 1,490	3%
Real Time Energy	\$ 19,916	\$ 83,102	\$ 63,186	317%	\$ 19,916	\$ 83,102	\$ 63,186	317%
Total Jets Electric	\$ 553,458	\$ 616,624	\$ 63,166	11%	\$ 553,458	\$ 616,624	\$ 63,166	11%
Lease Income:								
CSWS Murphy Road	\$ 10,608	\$ 10,608	\$ -	0%	\$ 10,608	\$ 10,608	\$ -	0%
Golf Center	\$ 1,513	\$ 1,513	\$ -	0%	\$ 1,513	\$ 1,513	\$ -	0%
Wheelabrator Lease	\$ 35,946	\$ 35,946	\$ -	0%	\$ 35,946	\$ 35,946	\$ -	0%
Jets Billboard	\$ -	\$ 45,350	\$ 45,350	n/a	\$ -	\$ 45,350	\$ 45,350	n/a
Total Lease Income	\$ 48,067	\$ 93,417	\$ 45,350	94%	\$ 48,067	\$ 93,417	\$ 45,350	94%
South Central Facility Capacity	\$ 5,083	\$ -	\$ (5,083)	n/a	\$ 5,083	\$ -	\$ (5,083)	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Interest Income	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL ACCRUED REVENUES	\$ 606,608	\$ 710,040	\$ 103,433	17%	\$ 606,608	\$ 710,040	\$ 103,433	17%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 19,727	\$ 35,509	\$ (15,782)	-80%	\$ 19,727	\$ 35,509	\$ (15,782)	-80%
MIRA Personnel Services	\$ 86,785	\$ 69,260	\$ 17,525	20%	\$ 86,785	\$ 69,260	\$ 17,525	20%
Railroad Maintenance	\$ 833	\$ 9,551	\$ (8,718)	-1047%	\$ 833	\$ 9,551	\$ (8,718)	-1047%
211 Murphy Road Ops. Center	\$ 16,333	\$ 7,320	\$ 9,013	55%	\$ 16,333	\$ 7,320	\$ 9,013	55%
1410 Honey Spot Road	\$ 7,250	\$ 6,291	\$ 959	13%	\$ 7,250	\$ 6,291	\$ 959	13%
171 Murphy Road	\$ 2,913	\$ 564	\$ 2,349	81%	\$ 2,913	\$ 564	\$ 2,349	81%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ 5,083	\$ -	\$ 5,083	n/a	\$ 5,083	\$ -	\$ 5,083	n/a
Jets Operating Charges	\$ 185,165	\$ 65,742	\$ 119,423	64%	\$ 185,165	\$ 65,742	\$ 119,423	64%
TOTAL ACCRUED EXPENDITURES	\$ 324,089	\$ 194,237	\$ 129,853	40%	\$ 324,089	\$ 194,237	\$ 129,853	40%
OPERATING INCOME (Before Reserves / Transfers)	\$ 282,519	\$ 515,804	\$ 233,285	83%	\$ 282,519	\$ 515,804	\$ 233,285	83%
DISTRIBUTION OF PD OPERATING INCOME								
PD Improvement Fund	\$ 79,167	\$ 79,167	\$ 0	0%	\$ 79,167	\$ 79,167	\$ 0	0%
TOTAL DISTRIBUTIONS	\$ 79,167	\$ 79,167	\$ 0	0%	\$ 79,167	\$ 79,167	\$ 0	0%
SURPLUS / (DEFICIT)	\$ 203,352	\$ 436,637	\$ 233,285	115%	\$ 203,352	\$ 436,637	\$ 233,285	115%

Property Division and CSWS Flow of Funds

Period Ending: July 31, 2016
 Transfer Date: August 5, 2016
 Funding: September 2016

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 656,203.07	\$ (138.24)	\$ 656,064.83	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund	\$1,806,015.33	\$ 897.01	\$ 216,769.49		\$191,599.99	\$ 1,781,742.84
PD General Fund	\$1,985,889.99	\$ 780.17				\$ 1,986,670.16
PD Improvement Fund	\$420,898.21				\$ 79,167.00	\$ 500,065.21
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 385,297.84	Combined Below
Total	\$ 4,212,803.53	\$ 1,677.18	\$ 216,769.49	\$ -	\$ 656,064.83	\$ 4,268,478.21
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 4,118,552.89		\$ 4,118,552.89	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF	\$12,910,326.81	\$4,803.17	\$5,660,550.07		\$4,010,656.83	\$ 11,265,236.74
Debt Service Fund	\$3,875.01					\$ 3,875.01
General Fund	\$1,035.87	\$0.36				\$ 1,036.23
CSWS Risk Fund	\$442,829.97	\$173.98				\$ 443,003.95
CSWS Legal Fund	\$602,568.40	\$236.72				\$ 602,805.12
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below				\$925,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				(\$817,103.94)	Combined Below
Total	\$ 13,960,636.06	\$ 5,214.23	\$ 5,660,550.07	\$ -	\$ 4,118,552.89	\$ 12,315,957.05
Combined						
Severance Fund	\$794,542.10	\$312.14			\$ -	\$ 794,854.24
CSWS Improvement Fund	\$1,838,026.41		\$939.02		\$ 925,000.00	\$ 2,762,087.39
CSWS Tip Fee Stabilization	\$3,324,646.14	\$1,353.29			\$ (431,806.10)	\$ 2,894,193.33
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$1,026,470.90		\$1,658,301.94	\$1,658,301.94		\$ 1,026,470.90
Landfill Operating Account	\$3,399,975.20		\$4,000.00	\$21,622.51		\$ 3,382,352.69

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 \$138.24 in bank transaction fees related to Trash Museum sales activities. 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 July 31, 2016, \$5,918,443 in prepaid tip fees have been applied to pay customer invoices and \$1,597,045 remained available on customer accounts. After the distribution of July receipts, \$9,545,716 remained due to the Tip Fee Stabilization Fund from CSWS.

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

[Narrative](#)

Period Ending:

July 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		
Power Block Facility	\$ 610,000	
Recycling		
Transfer Stations		
Rolling Stock		
True Up Amounts Returned		
Total Net YTD Purchase Orders		\$ 610,000
Equals: Unencumbered Year to Date Budget		\$ 9,710,705

Cash Reserve Analysis		
Period End Improvement Fund Cash Balance		\$ 1,837,087
+ FY Remaining Contributions	\$ 7,895,705	
- Approved Expenditures Not Paid		
- Unencumbered Budget (-)	\$ (9,710,705)	
Projected Year End Improvement Fund Balance		\$ 22,087
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		\$ 25,962

Reconciliation To Flow Of Funds Statement		
Period End Improvement Fund Cash Balance		\$ 1,837,087
Funding Due From Period End Receipts	\$ 925,000	
Flow of Funds Statement Balance		\$ 2,762,087

⁽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: July 31, 2016

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges:								
Members	\$ -	\$ 1,989	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,989
Others		1,351						1,351
Energy sales		967			617	29		1,613
Other operating revenues		180			83	-		263
Total Operating Revenues		4,487			700	29		5,216
Operating Expenses								
Solid waste operations		3,814	19		100	65	(46)	3,952
Maintenance and utilities		48			25	1		74
Closure and post-closure care of landfills		-			-	-		-
Legal services - external		3	66		-	3		72
Administrative and Operational services		456	23		70	13		1,662
Distribution to SCRBA		-			-	-		-
Total Operating Expenses		4,321	108		195	82	(46)	5,760
Operating Income (Loss) before Depreciation and Amortization		166	(108)		505	(53)	46	(544)
Depreciation and amortization		-			-	-		-
Operating Income (Loss)		166	(108)		505	(53)	46	(544)
Non-Operating Revenues (Expenses)								
Investment income								
Settlement costs								
Other income (expenses)								
Non-Operating Revenues (Expenses), net								
Income (Loss) before Transfers		166	(108)		505	(53)	46	(544)
Contribution of initial working capital								
Transfers in (out)		(11)			57		(46)	
Change in Net Position		155	(108)		562	(53)		556
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	\$ 1,831	\$ 14,982	\$ 9,700	\$ 1,085	\$ 95,515	\$ 19,503		\$ 142,616
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves								
Add: revenue: Murphy road lease					11			11
Less: expense: Murphy road lease								
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					516			672

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

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending July 31, 2016

Line	DETAILS	MONTH TO DATE				YEAR TO DATE			
		Budget	Actual	Variance		Budget	Actual	Variance	
1	EXPENDITURES								
1	Total Personnel Services	\$ 527,336	\$ 490,517	\$ 36,819	6.98%	\$ 527,336	\$ 490,517	\$ 36,819	6.98%
2	LESS: MIRA Direct Personnel	\$ 207,815	\$ 181,647	\$ 26,168	12.59%	\$ 207,815	\$ 181,647	\$ 26,168	12.59%
3	Authority Indirect Personnel	\$ 319,522	\$ 308,871	\$ 10,651	3.33%	\$ 319,522	\$ 308,871	\$ 10,651	3.33%
4	ADD: Authority Indirect Non-Personnel Services	\$ 140,333	\$ 72,634	\$ 67,699	48.24%	\$ 140,333	\$ 72,634	\$ 67,699	48.24%
5	LESS: Miscellaneous Income	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%
	SUBTOTAL AUTHORITY ALLOCATION	\$ 459,855	\$ 381,504	\$ 78,351	17.04%	\$ 459,855	\$ 381,504	\$ 78,351	17.04%
	AUTHORITY ALLOCATION								
6	Mid-Connecticut Post Project Closure	\$ 28,097	\$ 23,192	\$ 4,905	17.46%	\$ 28,097	\$ 23,192	\$ 4,905	17.46%
7	Property Division	\$ 84,808	\$ 53,824	\$ 30,984	36.53%	\$ 84,808	\$ 53,824	\$ 30,984	36.53%
8	Landfill Division	\$ 15,083	\$ 12,450	\$ 2,633	17.46%	\$ 15,083	\$ 12,450	\$ 2,633	17.46%
9	Connecticut Solid Waste System (CSWS)	\$ 539,681	\$ 290,108	\$ 249,573	46.24%	\$ 539,681	\$ 290,108	\$ 249,573	46.24%
	SUBTOTAL ALLOCATED	\$ 667,669	\$ 379,574	\$ 288,096	43.15%	\$ 667,669	\$ 379,574	\$ 288,096	43.15%
	TOTAL EXPENDITURES	\$ 667,669	\$ 563,151	\$ 104,519	15.65%	\$ 667,669	\$ 563,151	\$ 104,519	15.65%

Line YTD VARIANCE EXPLANATION

- 1 Reflects total amount for MIRA Direct and Authority Indirect Personnel; Favorable due to reduction in budgeted positions.
- 2 Favorable due to reduction in budgeted positions and benefits costs being charged 100% to the Authority budget.
- 4 Favorable due to timing of expenses.

**MATERIALS INNOVATION AND RECYCLING AUTHORITY
FISCAL YEAR 2018 OPERATING AND CAPITAL BUDGET SCHEDULE**

PROJECTS / DIVISIONS	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17
Pre-Budget Activities						
<input checked="" type="checkbox"/> Finance Committee Meeting - present key drivers for all budgets		10/20/16				
<input checked="" type="checkbox"/> HR Committee Meeting - review of personnel services budgets		10/25/16	11/15/16			
Authority Budget						
Send out budget template to all departments	09/30/16					
Budget template due to Finance		10/14/16				
<input checked="" type="checkbox"/> Finance Package (Nov 2016)			11/04/16			
FINAL Draft presented at the MIRA Finance Committee Meeting			11/10/16			
FINAL Draft presented at the MIRA Board Meeting			11/17/16			
Adopted by the MIRA Board of Directors			11/17/16			
Property Division (PD) & Landfill Division (LD)						
Send operating budget template to Operations		10/07/16				
Kick-Off Meeting with NAES		TBD by VR				
Operations to submit proposed operating & backup support to Finance		10/21/16				
Finance to forward proposed budget to Operations for review			11/11/16			
Operations to sign-off on proposed budget & forward to Finance			11/18/16			
<input checked="" type="checkbox"/> Finance Package (Dec 2016)				12/02/16		
FINAL Draft presented at the MIRA Finance Committee Meeting				12/08/16		
FINAL Draft presented at the MIRA Board Meeting				12/15/16		
Adopted by the MIRA Board of Directors				12/15/16		
Connecticut Solid Waste System (CSWS)						
Send out operating budget template to Operations		10/07/16				
Send out capital budget template to Operations		10/07/16				
Kick-Off Meeting with NAES		TBD by VR				
Operations to submit proposed operating budget & backup support		10/28/16				
Operations to submit proposed capital budget & backup support		10/28/16				
Finance to forward proposed budgets to Operations for review			11/11/16			
Operations to sign-off on proposed budgets & forward to Finance			11/18/16			
NAES Budget due to MIRA				12/01/16		
<input checked="" type="checkbox"/> Finance Package (Dec 2016)				12/02/16		
UPDATE presented at the MIRA Finance Committee Meeting				12/08/16		
UPDATE presented at the MIRA Board Meeting				12/15/16		
<input checked="" type="checkbox"/> Finance Package (Jan 2017)					01/13/17	
PROPOSED Draft presented at the MIRA Finance Committee Meeting					01/19/17	
PROPOSED Draft presented at the MIRA Board Meeting					01/26/17	
<input checked="" type="checkbox"/> Finance Package (Feb 2017)						02/10/17
FINAL Draft presented at the MIRA Finance Committee Meeting						02/16/17
FINAL Draft sent to the MIRA Board						02/17/17
FINAL Draft presented at the MIRA Board Meeting						02/23/17
Final Budget to be adopted by the MIRA Board of Directors						02/23/17
Deadline to Approve Budget and Tip Fee						02/28/17

TAB B

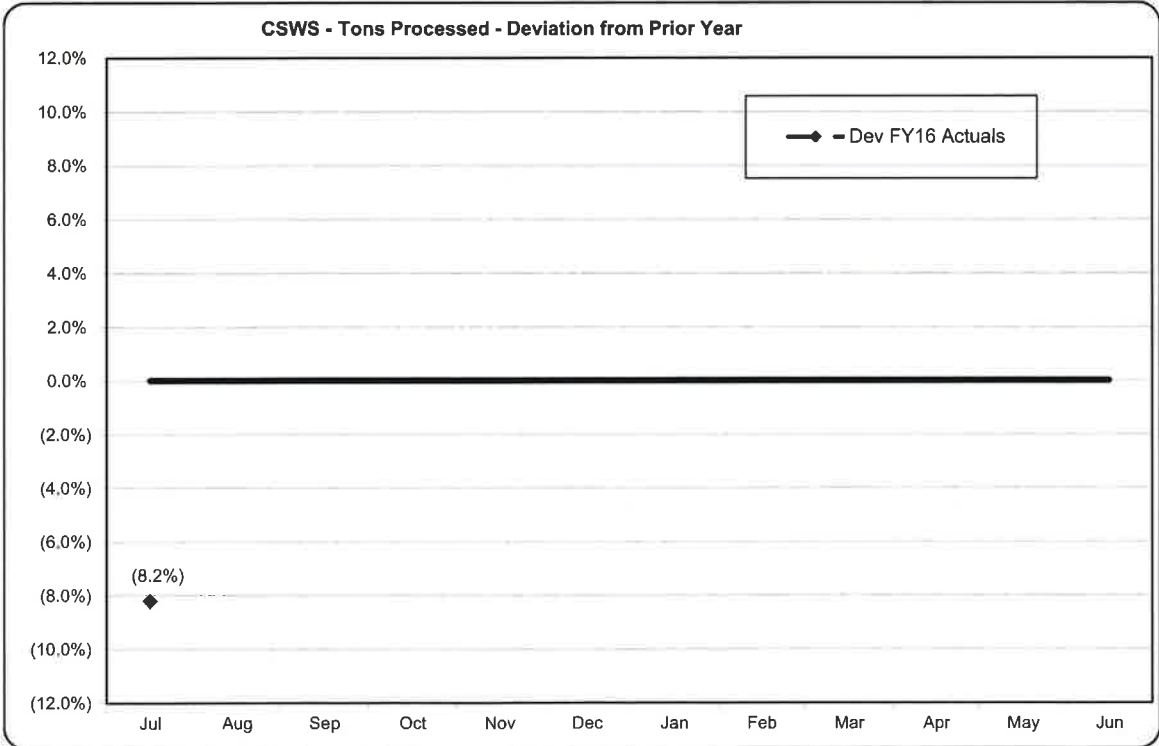
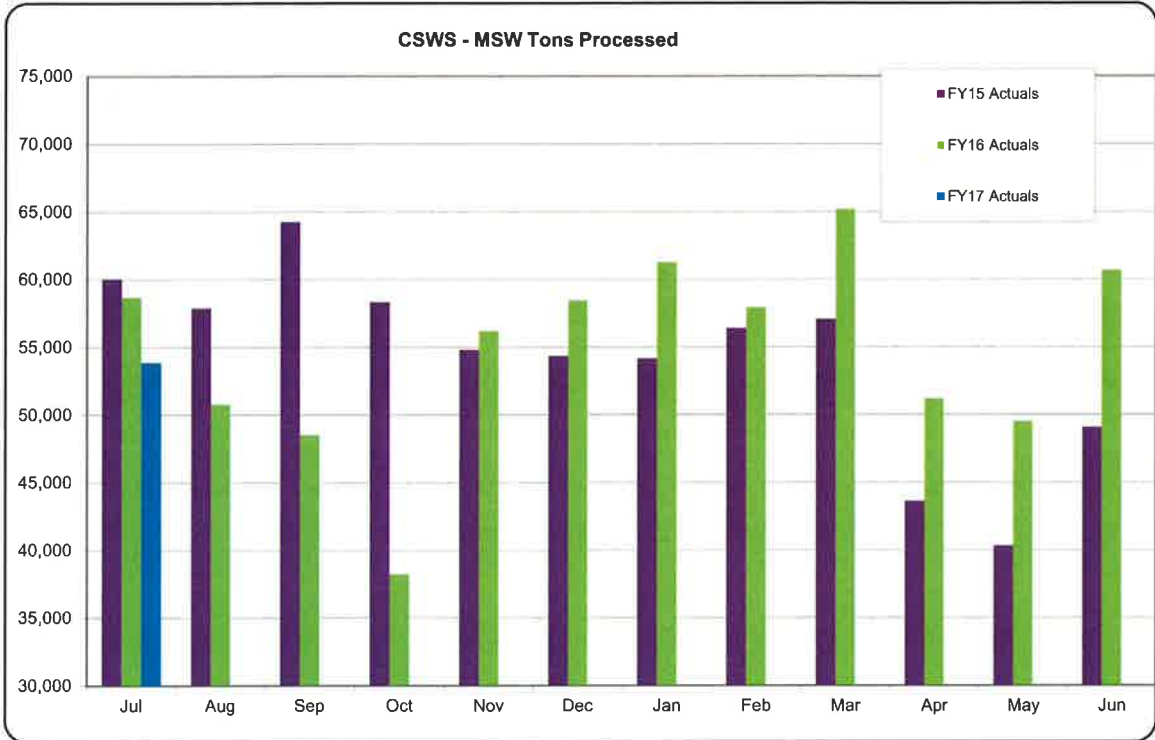
MATERIALS INNOVATION AND RECYCLING AUTHORITY

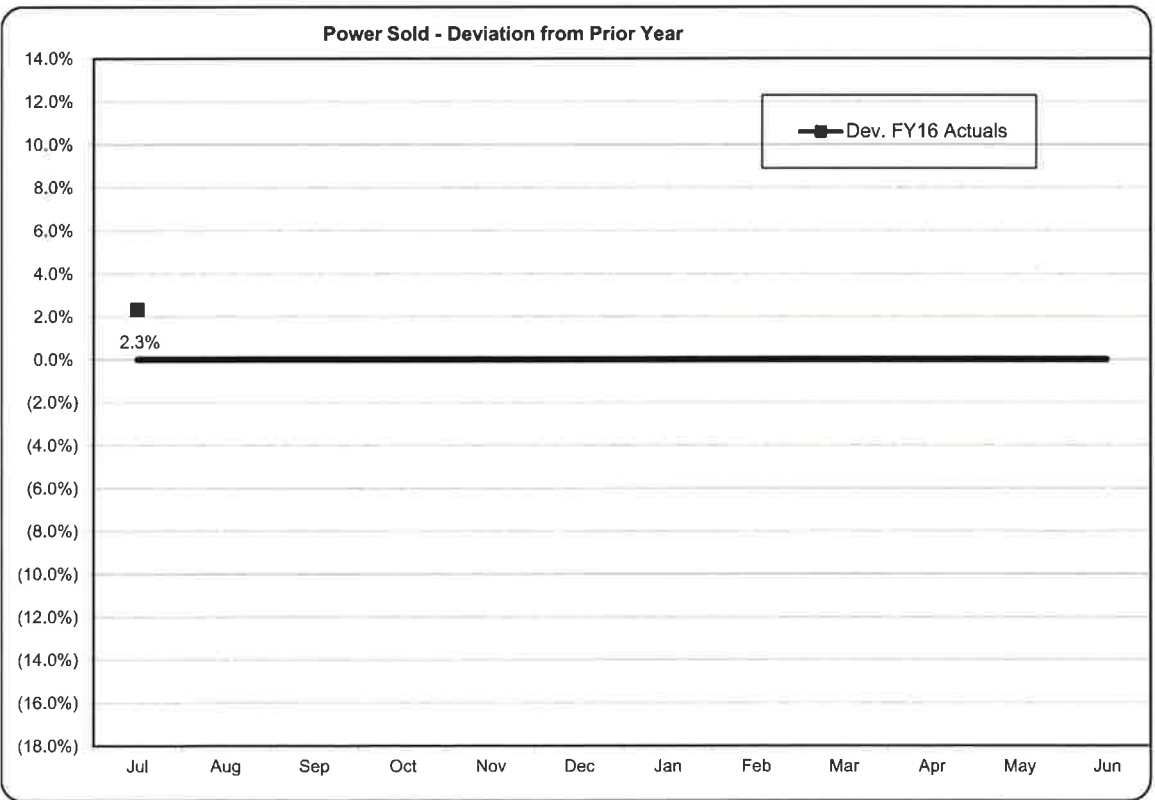
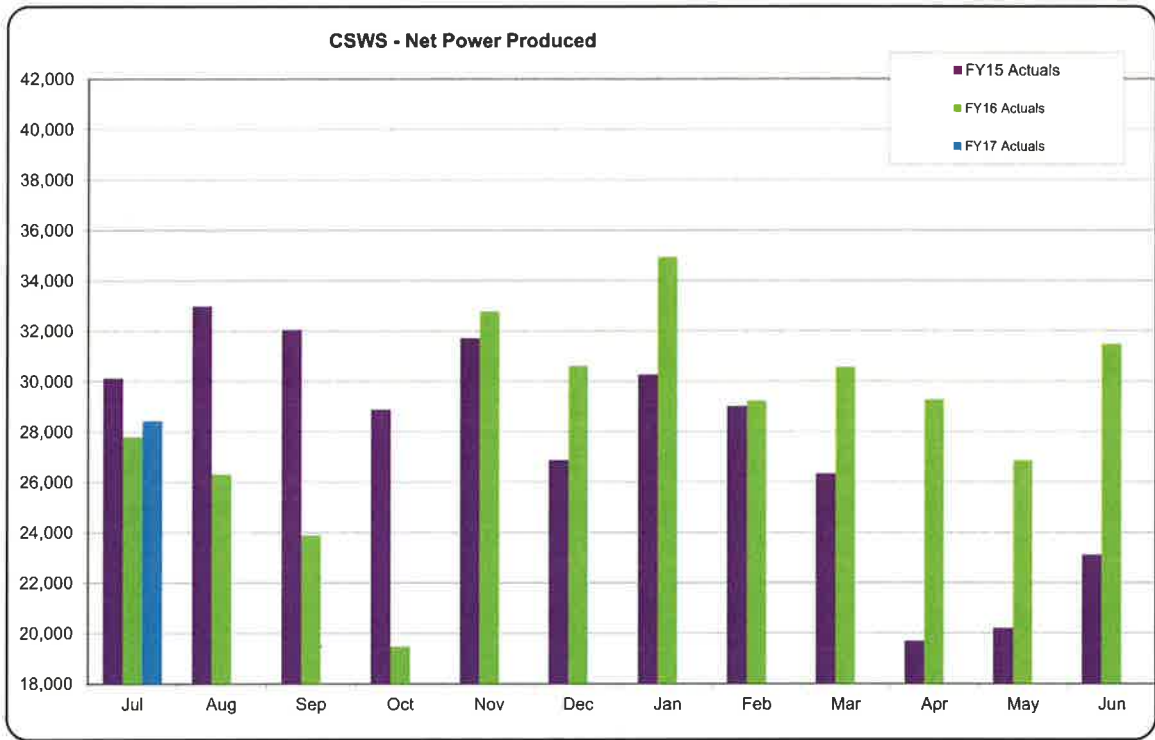
July 2016 Monthly Operational Summary

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	Jul 15	Jul 16	Change
CSWS									
Tons MSW Processed	650,642	656,915	1.0%	58,702	53,889	(8.2%)	58,702	53,889	(8.2%)
Steam (klbs)	4,125,108	4,324,840	4.8%	297,319	378,578	27.3%	297,319	378,578	27.3%
(% MCR)	68.0%	71.2%		57.7%	73.4%		57.7%	73.4%	
Power Net (MWhr)	331,356	343,284	3.6%	27,798	28,440	2.3%	27,798	28,440	2.3%

South Meadow Jets									
Net MWH	1,837	1,635	(11.0%)	0	245	-	0	245	-





Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Jul 16	70%	71%	79%

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

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

SOUTH MEADOWS JETS
July 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

TAB C

MATERIALS INNOVATION AND RECYCLING AUTHORITY
Monthly Customer MSW and Recyclables Deliveries

July-16

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Jul 15	Jul 16	Growth
CSWS MSW									
Tier 1	343,044	346,503	1%	31,358	28,138	(10%)	31,358	28,138	(10%)
Tier 2	25,423	13,214	(48%)	1,225	1,118	(9%)	1,225	1,118	(9%)
Tier 3	2,481	2,413	(3%)	206	199	(3%)	206	199	(3%)
Tier 4	0	9,502	-	0	1,197	-	0	1,197	-
Non-Processible MSW	700	1,299	86%	21	122	494%	21	122	494%
Hauler Contract	255,136	251,700	(1%)	20,888	22,160	6%	20,888	22,160	6%
Contract	5,531	6,258	13%	485	587	21%	485	587	21%
Ferrous Residue (excess)	3,726	3,792	2%	286	292	2%	286	292	2%
In-State Spot	24,533	15,104	(38%)	0	0	-	0	0	-
Out-of-State Spot	1,669	477	(71%)	37	0	(100%)	37	0	(100%)
MSW TOTAL	662,243	650,262	(2%)	54,505	53,814	(1%)	54,505	53,814	(1%)

CSWS Recyclables									
Tier 1	43,193	44,722	4%	3,915	3,585	(8%)	3,915	3,585	(8%)
Tier 3	561	623	11%	52	56	8%	52	56	8%
Tier 4	0	2,333	-	0	270	-	0	270	-
Hauler Contract	8,326	9,711	17%	774	797	3%	774	797	3%
Contractor Sourced	12,506	14,896	19%	1,225	1,115	(9%)	1,225	1,115	(9%)
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%	5,965	5,823	(2%)	5,965	5,823	(2%)

CSWS MSW Diversions And Exports

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

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	Jul 15	Jul 16	Growth
Avon	11,120	11,268	1%	1,019	896	(12%)	1,019	896	(12%)
Beacon Falls	3,024	2,635	(13%)	219	257	17%	219	257	17%
Bethlehem	1,551	1,508	(3%)	133	125	(6%)	133	125	(6%)
Bloomfield	14,795	15,679	6%	1,435	1,304	(9%)	1,435	1,304	(9%)
Canaan	430	441	3%	40	35	(13%)	40	35	(13%)
Canton	4,481	4,680	4%	422	433	3%	422	433	3%
Clinton	4,790	4,803	0%	468	428	(9%)	468	428	(9%)
Colebrook	622	602	(3%)	67	59	(12%)	67	59	(12%)
Cornwall	493	505	3%	54	43	(20%)	54	43	(20%)
Deep River	3,639	3,489	(4%)	322	287	(11%)	322	287	(11%)
Durham/Middlefield	5,751	6,295	9%	484	622	29%	484	622	29%
East Granby	3,129	2,869	(8%)	254	209	(18%)	254	209	(18%)
East Hampton	6,122	6,146	0%	552	496	(10%)	552	496	(10%)
Ellington	5,253	5,139	(2%)	452	432	(4%)	452	432	(4%)
Essex	3,062	3,078	1%	324	259	(20%)	324	259	(20%)
Farmington	14,329	14,661	2%	1,240	1,153	(7%)	1,240	1,153	(7%)
Glastonbury	18,836	19,255	2%	1,671	1,552	(7%)	1,671	1,552	(7%)
Goshen	1,307	1,345	3%	133	120	(10%)	133	120	(10%)
Granby	5,413	4,791	(11%)	426	367	(14%)	426	367	(14%)
Haddam	3,193	3,372	6%	318	279	(12%)	318	279	(12%)
Hartford	85,433	84,428	(1%)	7,425	6,658	(10%)	7,425	6,658	(10%)
Harwinton	1,904	2,030	7%	192	155	(19%)	192	155	(19%)
Killingworth	1,912	1,919	0%	195	160	(18%)	195	160	(18%)
Litchfield*	0	4,860	-	419	404	(4%)	419	404	(4%)
Lyme	751	755	1%	69	60	(13%)	69	60	(13%)
Marlborough	2,431	2,276	(6%)	190	154	(19%)	190	154	(19%)
Middlebury	2,611	2,349	(10%)	221	182	(17%)	221	182	(17%)
Naugatuck	14,993	15,157	1%	1,281	1,277	(0%)	1,281	1,277	(0%)
Norfolk	762	728	(4%)	73	70	(4%)	73	70	(4%)
North Canaan	2,241	2,232	(0%)	226	192	(15%)	226	192	(15%)
Old Lyme	3,275	3,276	0%	387	364	(6%)	387	364	(6%)
Old Saybrook	9,744	9,852	1%	999	853	(15%)	999	853	(15%)
Oxford	7,730	6,204	(20%)	725	288	(60%)	725	288	(60%)
Portland	3,619	3,510	(3%)	345	288	(17%)	345	288	(17%)
Rocky Hill	11,671	11,458	(2%)	1,010	850	(16%)	1,010	850	(16%)
Roxbury	710	704	(1%)	66	57	(13%)	66	57	(13%)
RRDD#1	10,878	11,014	1%	1,064	966	(9%)	1,064	966	(9%)
Salisbury/Sharon	3,224	3,292	2%	309	291	(6%)	309	291	(6%)
Simsbury	14,348	13,698	(5%)	1,226	1,049	(14%)	1,226	1,049	(14%)
Torrington	24,005	23,792	(1%)	2,191	1,900	(13%)	2,191	1,900	(13%)
Watertown	10,816	11,204	4%	980	880	(10%)	980	880	(10%)
Wethersfield	14,025	14,634	4%	1,327	1,315	(1%)	1,327	1,315	(1%)
Woodbury	4,624	4,569	(1%)	408	371	(9%)	408	371	(9%)
TOTAL TIER 1 PARTICIPATING MUNICIPALITIES	343,044	346,503	1%	31,358	28,138	(10%)	31,358	28,138	(10%)

*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	Jul 15	Jul 16	Growth
Litchfield*	5,201	0	(100%)	0	0	-	0	0	-
Manchester	12,955	13,214	2%	1,225	1,118	(9%)	1,225	1,118	(9%)
South Windsor**	7,267	0	(100%)	0	0	-	0	0	-
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	25,423	13,214	(48%)	1,225	1,118	(9%)	1,225	1,118	(9%)

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

** Municipality left MIRA after FY15

CSWS Tier 3 Participating Municipality MSW

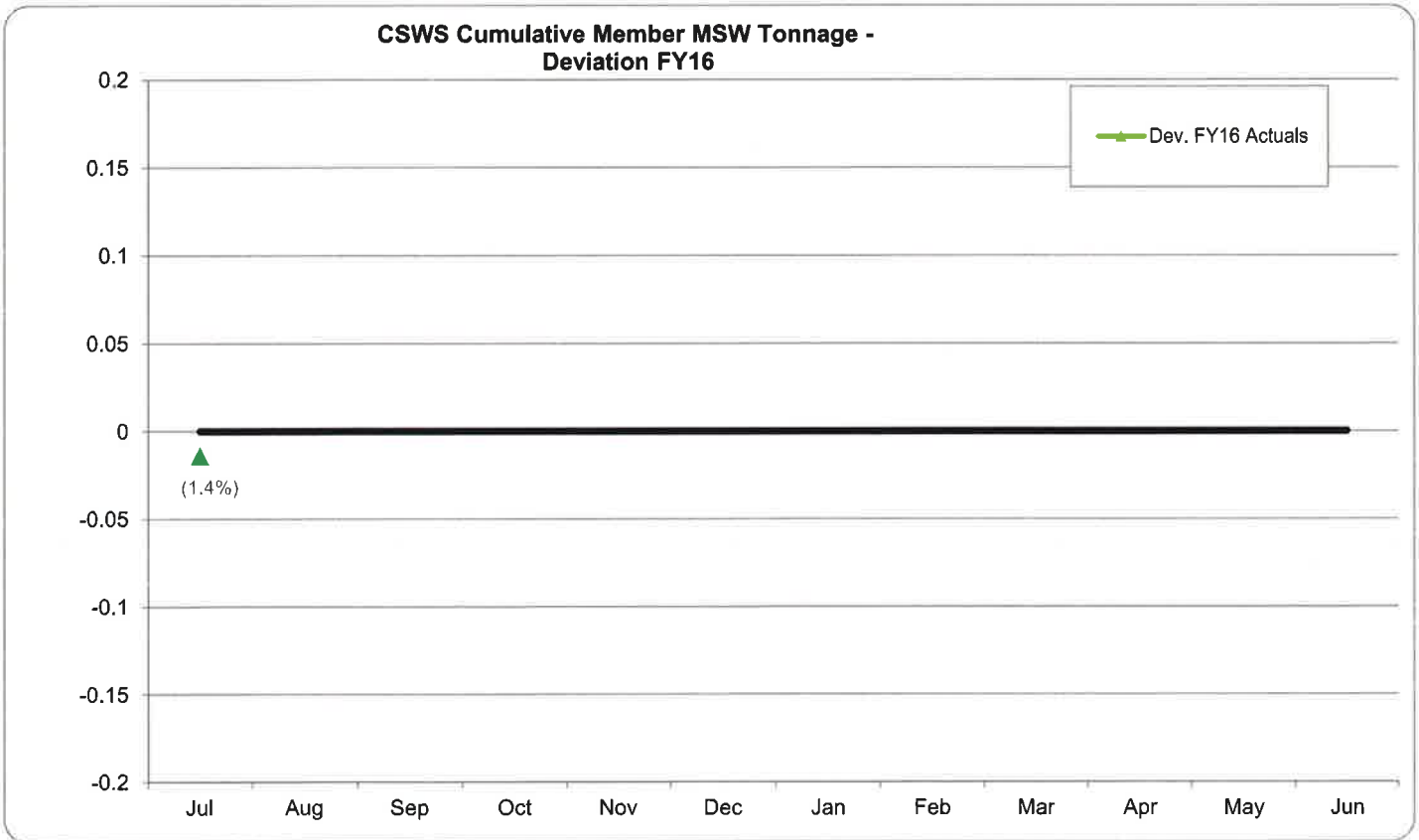
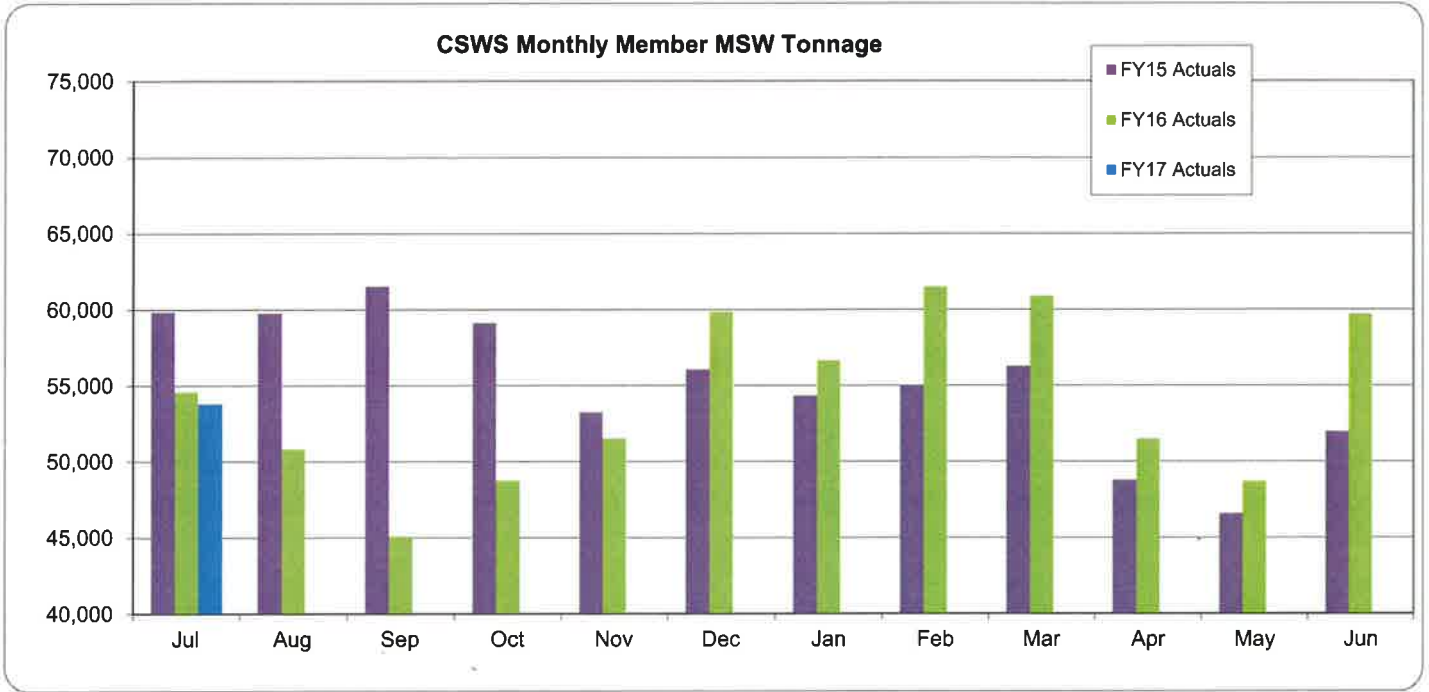
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Jul 15	Jul 16	Growth
Chester	19	14	(28%)	1	1	10%	1	1	10%
Thomaston	2,462	2,400	(3%)	205	198	(3%)	205	198	(3%)
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	2,481	2,413	(3%)	206	199	(3%)	206	199	(3%)

CSWS Tier 4 Participating Municipality MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Jul 15	Jul 16	Growth
East Hartford***	0	9,502	-	0	1,197	-	0	1,197	-
TOTAL TIER 4 PARTICIPATING MUNICIPALITIES	0	9,502	-	0	1,197	-	0	1,197	-

*** 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	Jul 15	Jul 16	Growth
Avon	2,096	2,115	1%	198	168	(15%)	198	168	(15%)
Beacon Falls	321	373	16%	36	32	(10%)	36	32	(10%)
Bethlehem	330	346	5%	34	28	(18%)	34	28	(18%)
Bloomfield	1,717	1,733	1%	155	137	(11%)	155	137	(11%)
Canaan	90	90	0%	7	6	(18%)	7	6	(18%)
Canton	971	981	1%	78	73	(7%)	78	73	(7%)
Clinton	1,148	1,181	3%	101	92	(9%)	101	92	(9%)
Colebrook	188	179	(5%)	18	18	0%	18	18	0%
Cornwall	147	148	1%	18	15	(16%)	18	15	(16%)
Deep River	425	510	20%	41	42	4%	41	42	4%
East Granby	442	465	5%	34	59	71%	34	59	71%
East Hampton	948	1,012	7%	74	81	9%	74	81	9%
Ellington	1,415	1,426	1%	138	111	(19%)	138	111	(19%)
Essex	658	734	12%	64	57	(12%)	64	57	(12%)
Farmington	2,281	2,697	18%	212	207	(3%)	212	207	(3%)
Glastonbury	3,687	3,637	(1%)	306	270	(12%)	306	270	(12%)
Goshen	320	323	1%	31	28	(11%)	31	28	(11%)
Granby	1,461	1,457	(0%)	110	93	(16%)	110	93	(16%)
Haddam	645	683	6%	58	52	(11%)	58	52	(11%)
Hartford	5,373	5,600	4%	486	475	(2%)	486	475	(2%)
Harwinton	515	504	(2%)	48	44	(9%)	48	44	(9%)
Killingworth	464	472	2%	40	42	6%	40	42	6%
Litchfield	0	814	-	69	71	3%	69	71	3%
Marlborough	684	654	(4%)	56	45	(21%)	56	45	(21%)
Middlebury	873	840	(4%)	72	69	(5%)	72	69	(5%)
Norfolk	168	169	1%	16	16	(1%)	16	16	(1%)
North Canaan	231	235	2%	22	23	4%	22	23	4%
Old Lyme	8	0	(100%)	0	0	-	0	0	-
Old Saybrook	1,105	1,082	(2%)	108	104	(4%)	108	104	(4%)
Oxford	780	668	(14%)	60	51	(15%)	60	51	(15%)
Portland	610	573	(6%)	58	50	(14%)	58	50	(14%)
Rocky Hill	1,656	1,692	2%	136	126	(8%)	136	126	(8%)
Roxbury	184	182	(1%)	18	19	3%	18	19	3%
RRDD#1	1,799	1,815	1%	180	141	(22%)	180	141	(22%)
Salisbury-Sharon	1,079	1,053	(2%)	113	98	(13%)	113	98	(13%)
Torrington	3,004	2,956	(2%)	269	231	(14%)	269	231	(14%)
Watertown	1,758	1,706	(3%)	142	129	(9%)	142	129	(9%)
Wethersfield	2,710	2,775	2%	237	210	(11%)	237	210	(11%)
Woodbury	901	840	(7%)	68	75	10%	68	75	10%
TOTAL TIER 1 MUNICIPALITIES	43,193	44,722	4%	3,915	3,585	(8%)	3,915	3,585	(8%)

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

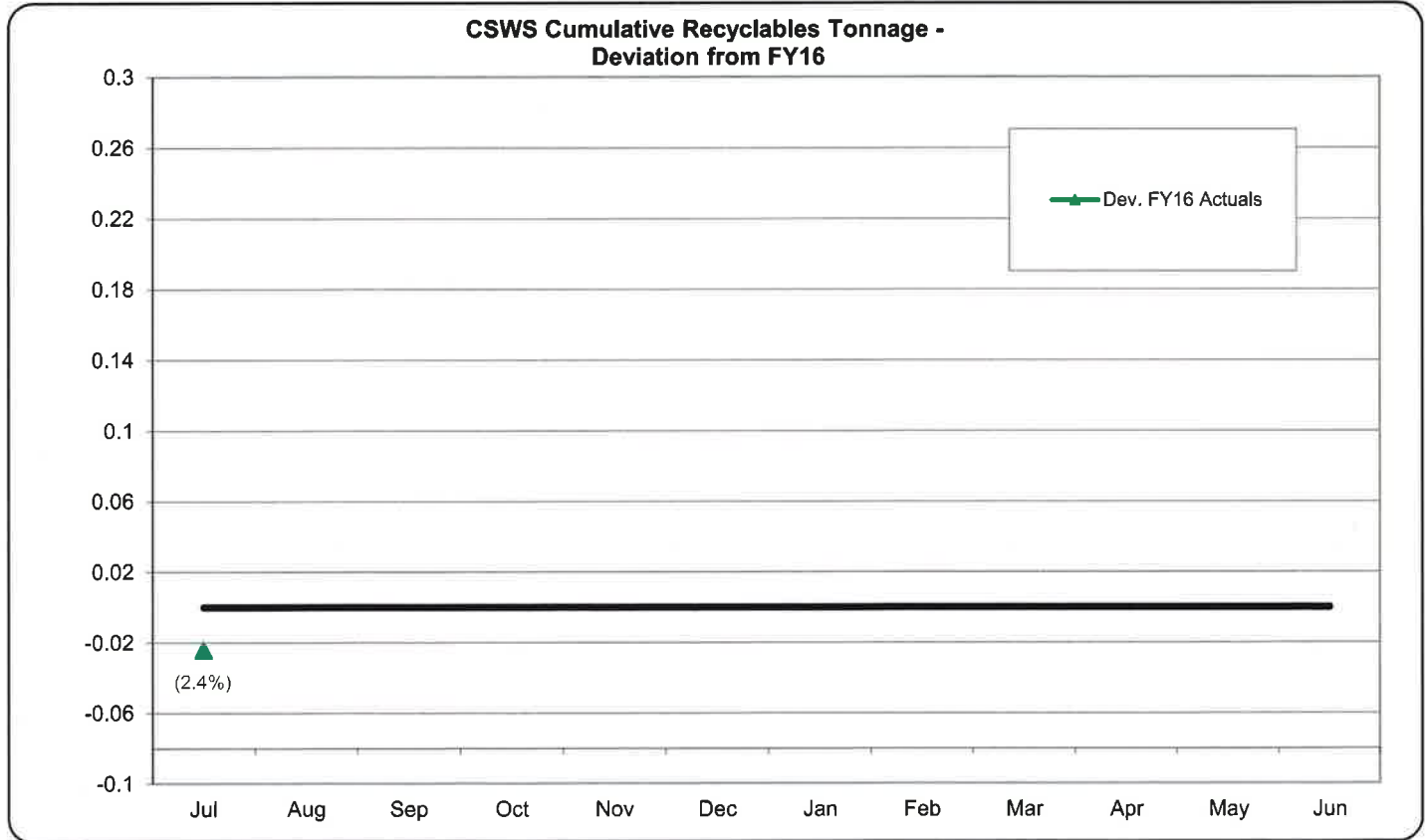
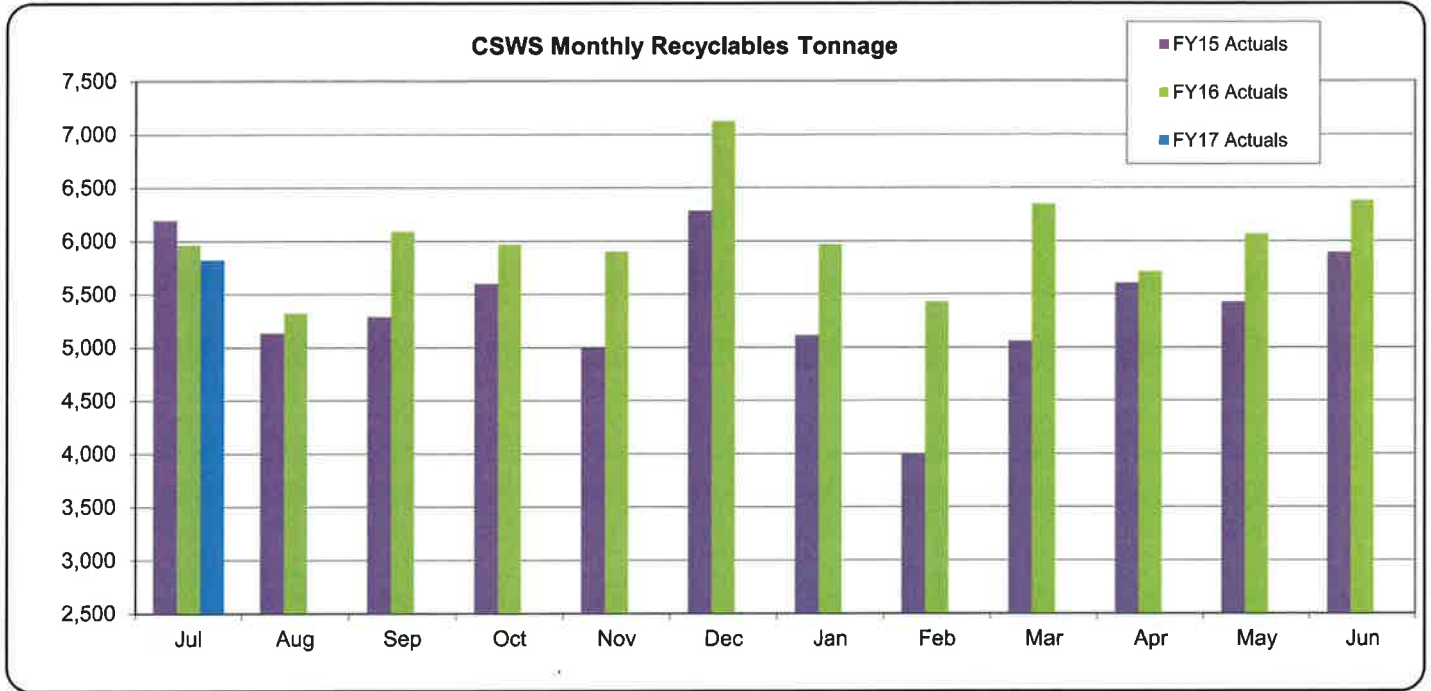
CSWS Tier 3 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Jul 15	Jul 16	Growth
Chester	0	0	-	0	0	-	0	0	-
Thomaston	561	623	11%	52	56	8%	52	56	8%
TOTAL TIER 3 MUNICIPALITIES	561	623	11%	52	56	8%	52	56	8%

CSWS Tier 4 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Jul 15	Jul 16	Growth
East Hartford	0	2,333	-	0	270	-	0	270	-
TOTAL TIER 4 MUNICIPALITIES	0	2,333	-	0	270	-	0	270	-

CSWS Recyclables Trends



TAB D

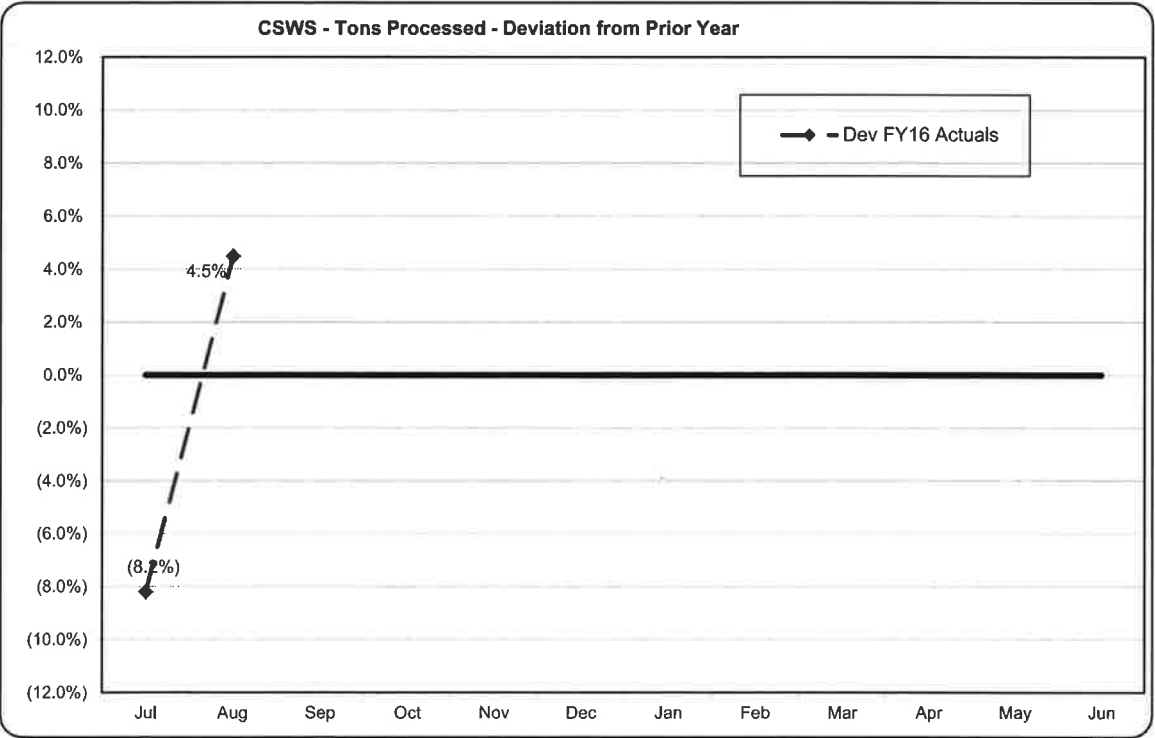
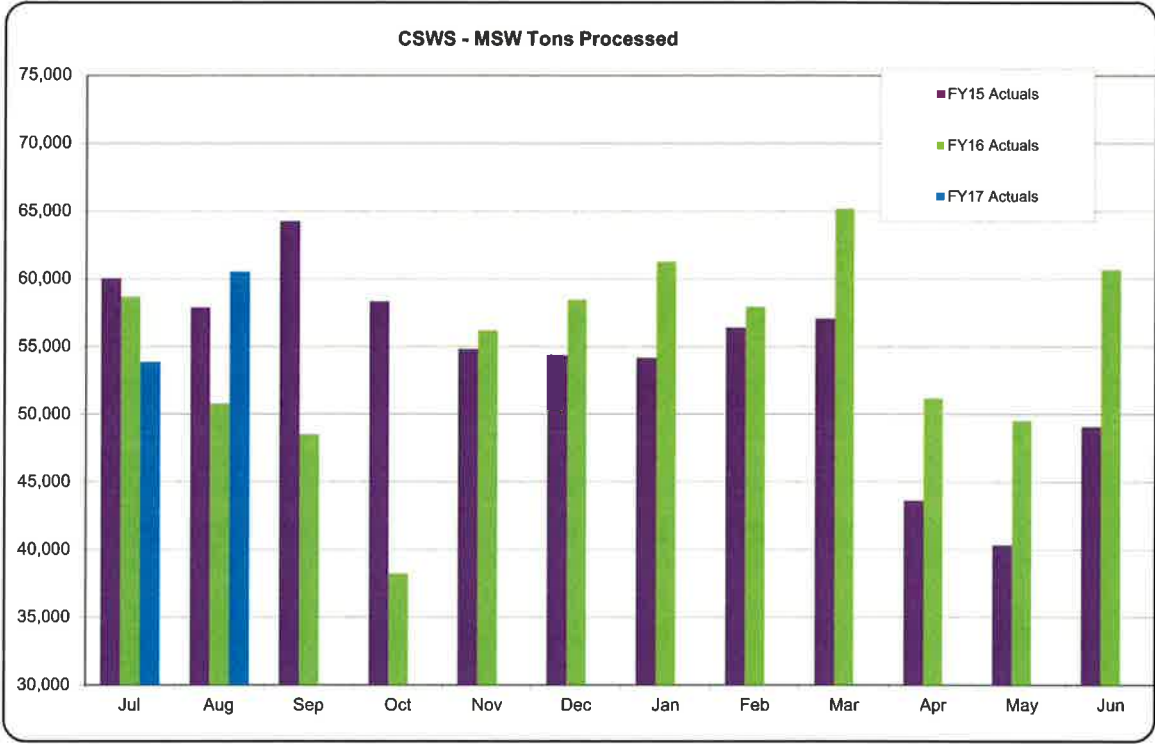
MATERIALS INNOVATION AND RECYCLING AUTHORITY

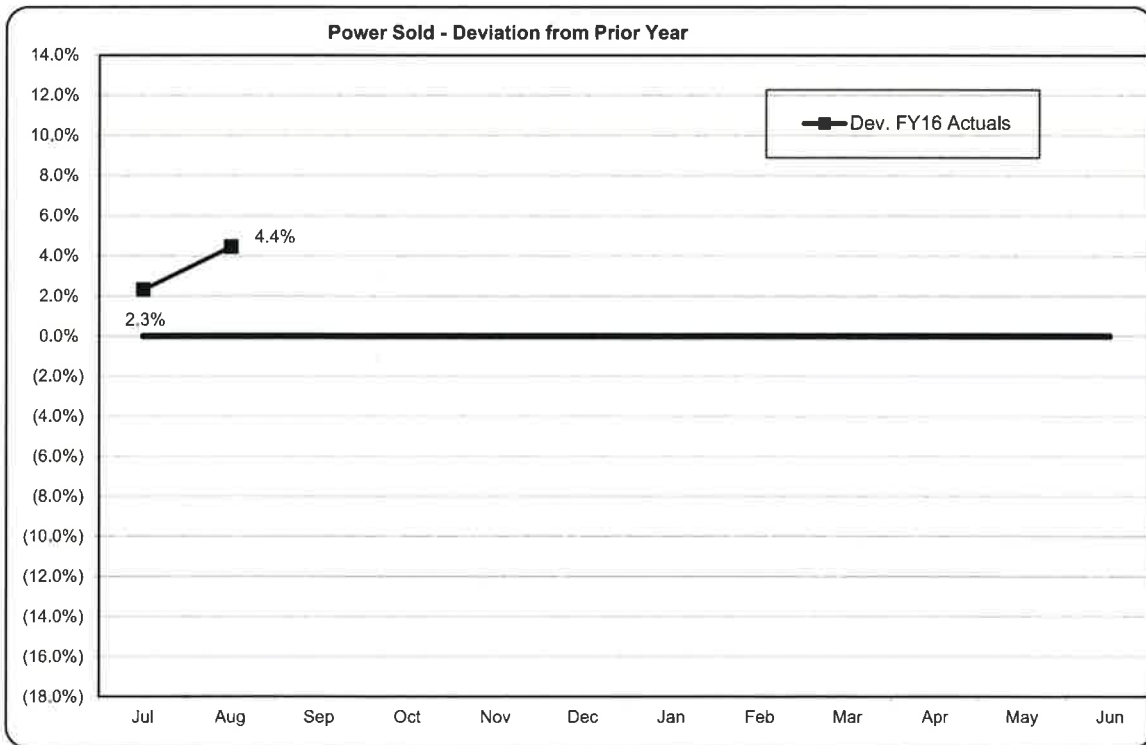
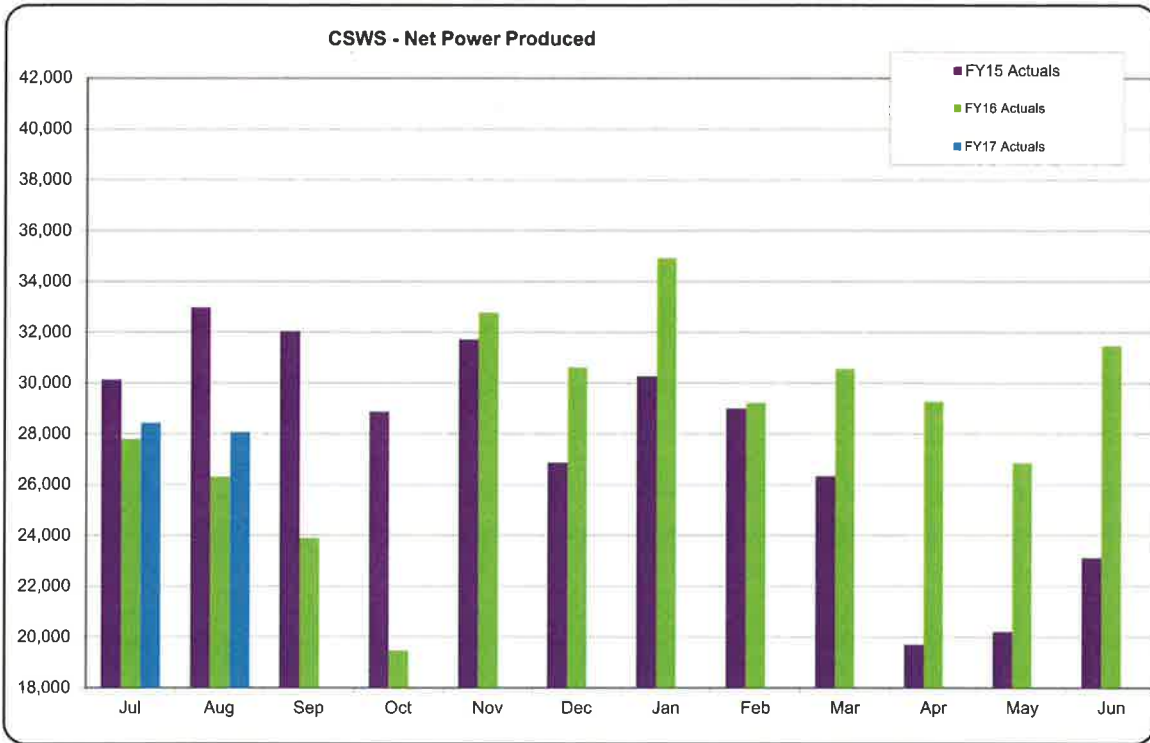
August 2016 Monthly Operational Summary

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	Aug 15	Aug 16	Change
CSWS									
Tons MSW Processed	650,642	656,915	1.0%	109,516	114,429	4.5%	50,814	60,541	19.1%
Steam (klbs)	4,125,108	4,324,840	4.8%	696,979	757,131	8.6%	342,743	378,553	10.4%
(% MCR)	68.0%	71.2%		67.6%	146.8%		66.5%	73.4%	
Power Net (MWhr)	331,356	343,284	3.6%	54,114	56,520	4.4%	26,316	28,080	6.7%

South Meadow Jets									
Net MWH	1,837	1,635	(11.0%)	228	605	165.3%	228	360	57.9%





Unit Capacity Factors

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

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

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

SOUTH MEADOWS JETS
August 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

TAB E

MATERIALS INNOVATION AND RECYCLING AUTHORITY

Monthly Customer MSW and Recyclables Deliveries

August-16

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Aug 15	Aug 16	Growth
CSWS MSW									
Tier 1	343,044	346,503	1%	60,048	59,706	(1%)	28,690	31,568	10%
Tier 2	25,423	13,214	(48%)	2,304	2,325	1%	1,079	1,207	12%
Tier 3	2,481	2,413	(3%)	395	419	6%	190	220	16%
Tier 4	0	9,502	-	0	2,518	-	0	1,322	-
Non-Processible MSW	700	1,299	86%	60	269	348%	39	148	279%
Hauler Contract	255,136	251,700	(1%)	41,017	46,832	14%	20,129	24,672	23%
Contract (FCR Residue)	5,531	6,258	13%	849	1,335	57%	365	747	105%
Ferrous Residue (excess)	3,726	3,792	2%	492	585	19%	206	293	42%
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%)	105,202	113,990	8%	50,698	60,176	19%

CSWS Recyclables									
Tier 1	43,193	44,722	4%	7,432	7,472	1%	3,517	3,887	11%
Tier 3	561	623	11%	100	109	9%	49	54	11%
Tier 4	0	2,333	-	0	569	-	0	299	-
Hauler Contract	8,326	9,711	17%	1,536	1,702	11%	762	905	19%
Contractor Sourced	12,506	14,896	19%	2,220	2,343	6%	995	1,227	23%
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%	11,288	12,196	8%	5,322	6,372	20%

CSWS MSW Diversions And Exports

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Aug 15	Aug 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	Aug 15	Aug 16	Growth
Avon	11,120	11,268	1%	1,977	1,883	(5%)	958	987	3%
Beacon Falls	3,024	2,635	(13%)	417	483	16%	197	226	15%
Bethlehem	1,551	1,508	(3%)	273	257	(6%)	140	132	(6%)
Bloomfield	14,795	15,679	6%	2,623	2,835	8%	1,188	1,531	29%
Canaan	430	441	3%	82	74	(10%)	42	39	(7%)
Canton	4,481	4,680	4%	788	882	12%	366	449	23%
Clinton	4,790	4,803	0%	853	983	15%	385	555	44%
Colebrook	622	602	(3%)	124	120	(3%)	57	61	7%
Cornwall	493	505	3%	96	101	6%	42	58	39%
Deep River	3,639	3,489	(4%)	617	574	(7%)	295	287	(3%)
Durham/Middlefield	5,751	6,295	9%	960	1,360	42%	476	738	55%
East Granby	3,129	2,869	(8%)	511	473	(8%)	257	264	3%
East Hampton	6,122	6,146	0%	1,071	1,097	2%	519	601	16%
Ellington	5,253	5,139	(2%)	876	956	9%	424	524	23%
Essex	3,062	3,078	1%	605	588	(3%)	281	329	17%
Farmington	14,329	14,661	2%	2,419	2,495	3%	1,180	1,342	14%
Glastonbury	18,836	19,255	2%	3,203	3,299	3%	1,533	1,747	14%
Goshen	1,307	1,345	3%	264	254	(4%)	131	135	3%
Granby	5,413	4,791	(11%)	821	831	1%	394	464	18%
Haddam	3,193	3,372	6%	581	554	(5%)	263	275	5%
Hartford	85,433	84,428	(1%)	14,317	14,098	(2%)	6,892	7,440	8%
Harwinton	1,904	2,030	7%	355	316	(11%)	163	161	(1%)
Killingworth	1,912	1,919	0%	352	319	(9%)	157	158	1%
Litchfield*	0	4,860	-	868	869	0%	449	465	4%
Lyme	751	755	1%	141	137	(3%)	73	78	7%
Marlborough	2,431	2,276	(6%)	377	356	(6%)	188	202	8%
Middlebury	2,611	2,349	(10%)	409	377	(8%)	188	195	4%
Naugatuck	14,993	15,157	1%	2,472	2,673	8%	1,191	1,396	17%
Norfolk	762	728	(4%)	146	146	(0%)	73	76	4%
North Canaan	2,241	2,232	(0%)	438	395	(10%)	213	203	(4%)
Old Lyme	3,275	3,276	0%	737	751	2%	350	387	11%
Old Saybrook	9,744	9,852	1%	1,892	1,728	(9%)	894	875	(2%)
Oxford	7,730	6,204	(20%)	1,354	627	(54%)	629	339	(46%)
Portland	3,619	3,510	(3%)	629	631	0%	284	344	21%
Rocky Hill	11,671	11,458	(2%)	1,953	1,794	(8%)	943	943	0%
Roxbury	710	704	(1%)	130	121	(7%)	64	63	(1%)
RRDD#1	10,878	11,014	1%	2,073	2,032	(2%)	1,009	1,066	6%
Salisbury/Sharon	3,224	3,292	2%	601	625	4%	292	334	15%
Simsbury	14,348	13,698	(5%)	2,340	2,188	(6%)	1,113	1,139	2%
Torrington	24,005	23,792	(1%)	4,128	4,036	(2%)	1,937	2,136	10%
Watertown	10,816	11,204	4%	1,900	1,885	(1%)	920	1,006	9%
Wethersfield	14,025	14,634	4%	2,468	2,691	9%	1,141	1,376	21%
Woodbury	4,624	4,569	(1%)	809	813	0%	401	442	10%
TOTAL TIER 1 PARTICIPATING MUNICIPALITIES	343,044	346,503	1%	60,048	59,706	(1%)	28,690	31,568	10%

*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	Aug 15	Aug 16	Growth
Litchfield*	5,201	0	(100%)	0	0	-	0	0	-
Manchester	12,955	13,214	2%	2,304	2,325	1%	1,079	1,207	12%
South Windsor**	7,267	0	(100%)	0	0		0	0	-
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	25,423	13,214	(48%)	2,304	2,325	1%	1,079	1,207	12%

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

** Municipality left MIRA after FY15

CSWS Tier 3 Participating Municipality MSW

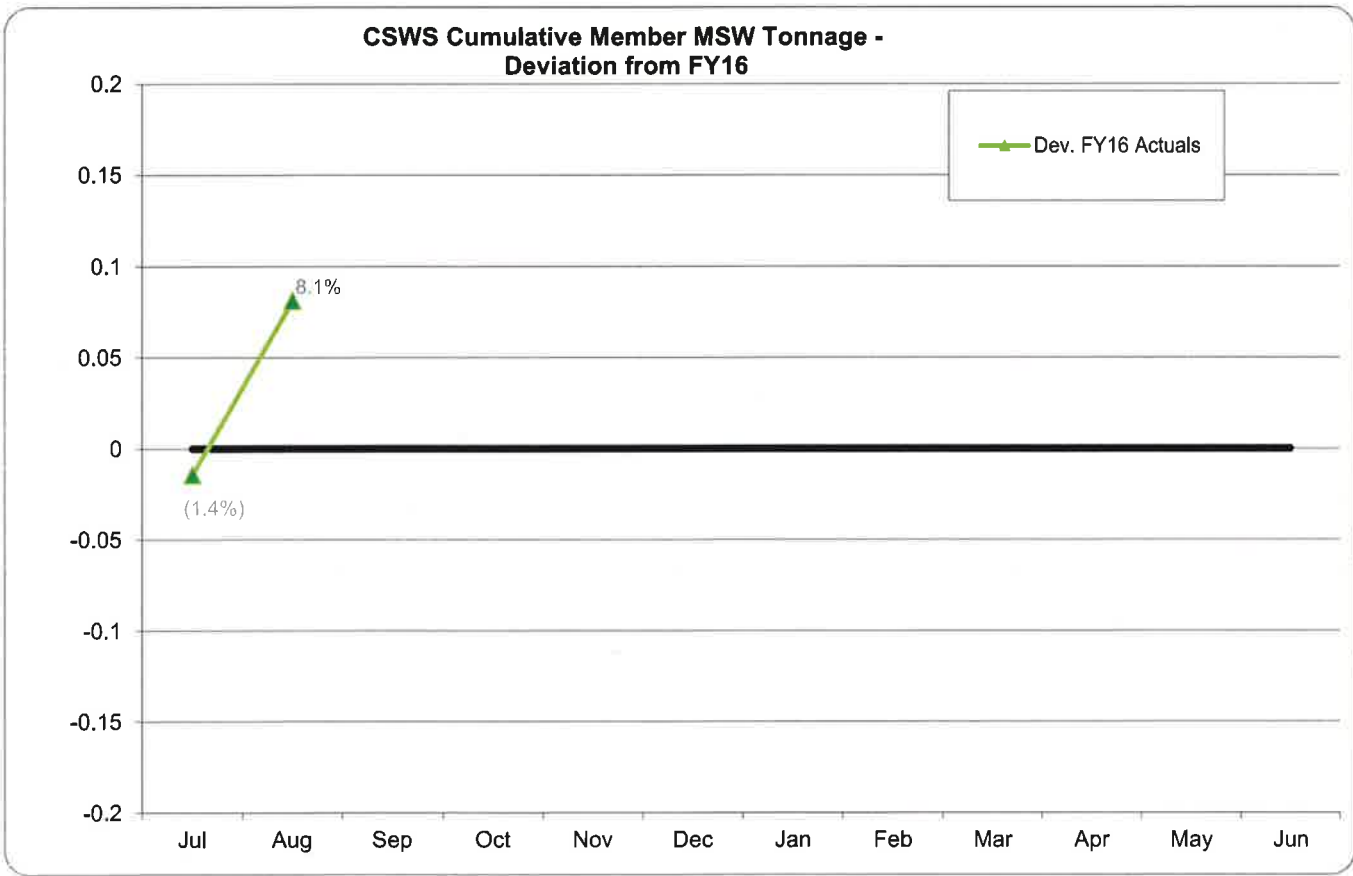
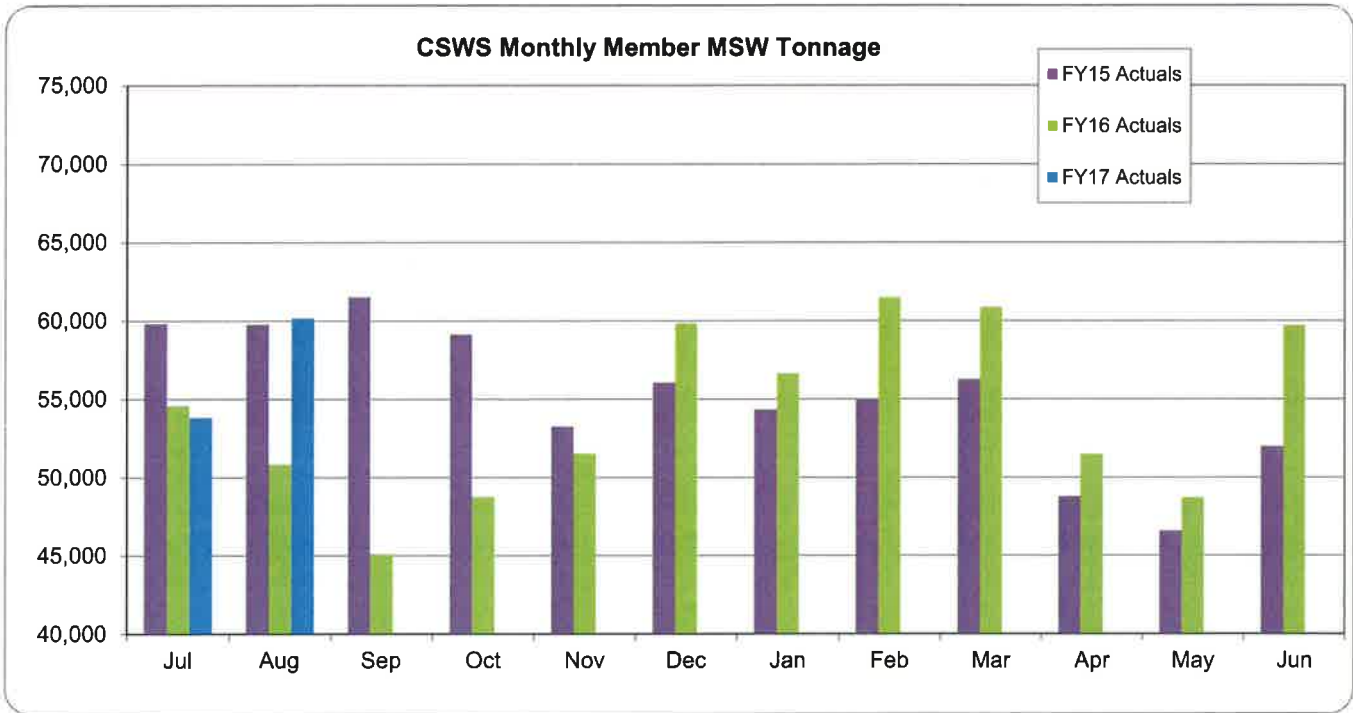
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Aug 15	Aug 16	Growth
Chester	19	14	(28%)	2	3	30%	1	2	46%
Thomaston	2,462	2,400	(3%)	393	416	6%	188	218	16%
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	2,481	2,413	(3%)	395	419	6%	190	220	16%

CSWS Tier 4 Participating Municipality MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Aug 15	Aug 16	Growth
East Hartford***	0	9,502	-	0	2,518	-	0	1,322	-
TOTAL TIER 4 PARTICIPATING MUNICIPALITIES	0	9,502	-	0	2,518	-	0	1,322	-

*** 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	Aug 15	Aug 16	Growth
Avon	2,096	2,115	1%	361	308	(15%)	164	140	(15%)
Beacon Falls	321	373	16%	63	57	(9%)	27	25	(8%)
Bethlehem	330	346	5%	65	61	(6%)	31	33	7%
Bloomfield	1,717	1,733	1%	290	288	(1%)	135	150	11%
Canaan	90	90	0%	15	16	11%	7	10	41%
Canton	971	981	1%	150	153	2%	72	80	12%
Clinton	1,148	1,181	3%	196	201	3%	95	109	15%
Colebrook	188	179	(5%)	32	31	(1%)	14	14	(2%)
Cornwall	147	148	1%	33	34	3%	16	20	24%
Deep River	425	510	20%	81	83	3%	40	41	3%
East Granby	442	465	5%	75	127	70%	41	68	68%
East Hampton	948	1,012	7%	154	182	18%	80	101	26%
Ellington	1,415	1,426	1%	244	212	(13%)	106	100	(5%)
Essex	658	734	12%	114	118	4%	49	61	24%
Farmington	2,281	2,697	18%	399	438	10%	188	231	23%
Glastonbury	3,687	3,637	(1%)	586	568	(3%)	280	298	6%
Goshen	320	323	1%	67	68	1%	36	40	12%
Granby	1,461	1,457	(0%)	223	224	1%	112	132	17%
Haddam	645	683	6%	113	113	0%	54	61	12%
Hartford	5,373	5,600	4%	953	1,002	5%	467	527	13%
Harwinton	515	504	(2%)	79	82	4%	30	38	25%
Killingworth	464	472	2%	76	82	7%	36	40	10%
Litchfield	0	814	-	137	143	5%	67	71	6%
Marlborough	684	654	(4%)	119	96	(19%)	62	52	(17%)
Middlebury	873	840	(4%)	132	137	4%	60	68	14%
Norfolk	168	169	1%	34	31	(10%)	18	15	(18%)
North Canaan	231	235	2%	43	45	6%	21	22	7%
Old Lyme	8	0	(100%)	0	0	-	0	0	-
Old Saybrook	1,105	1,082	(2%)	205	218	7%	97	114	18%
Oxford	780	668	(14%)	115	111	(3%)	55	60	10%
Portland	610	573	(6%)	99	93	(6%)	41	43	5%
Rocky Hill	1,656	1,692	2%	266	266	(0%)	130	140	8%
Roxbury	184	182	(1%)	35	34	(0%)	16	16	(4%)
RRDD#1	1,799	1,815	1%	329	291	(12%)	149	149	0%
Salisbury-Sharon	1,079	1,053	(2%)	197	206	4%	84	108	28%
Torrington	3,004	2,956	(2%)	507	474	(7%)	237	243	2%
Watertown	1,758	1,706	(3%)	271	292	8%	128	163	27%
Wethersfield	2,710	2,775	2%	443	439	(1%)	206	229	11%
Woodbury	901	840	(7%)	134	149	11%	66	74	13%
TOTAL TIER 1 MUNICIPALITIES	43,193	44,722	4%	7,432	7,472	1%	3,517	3,887	11%

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

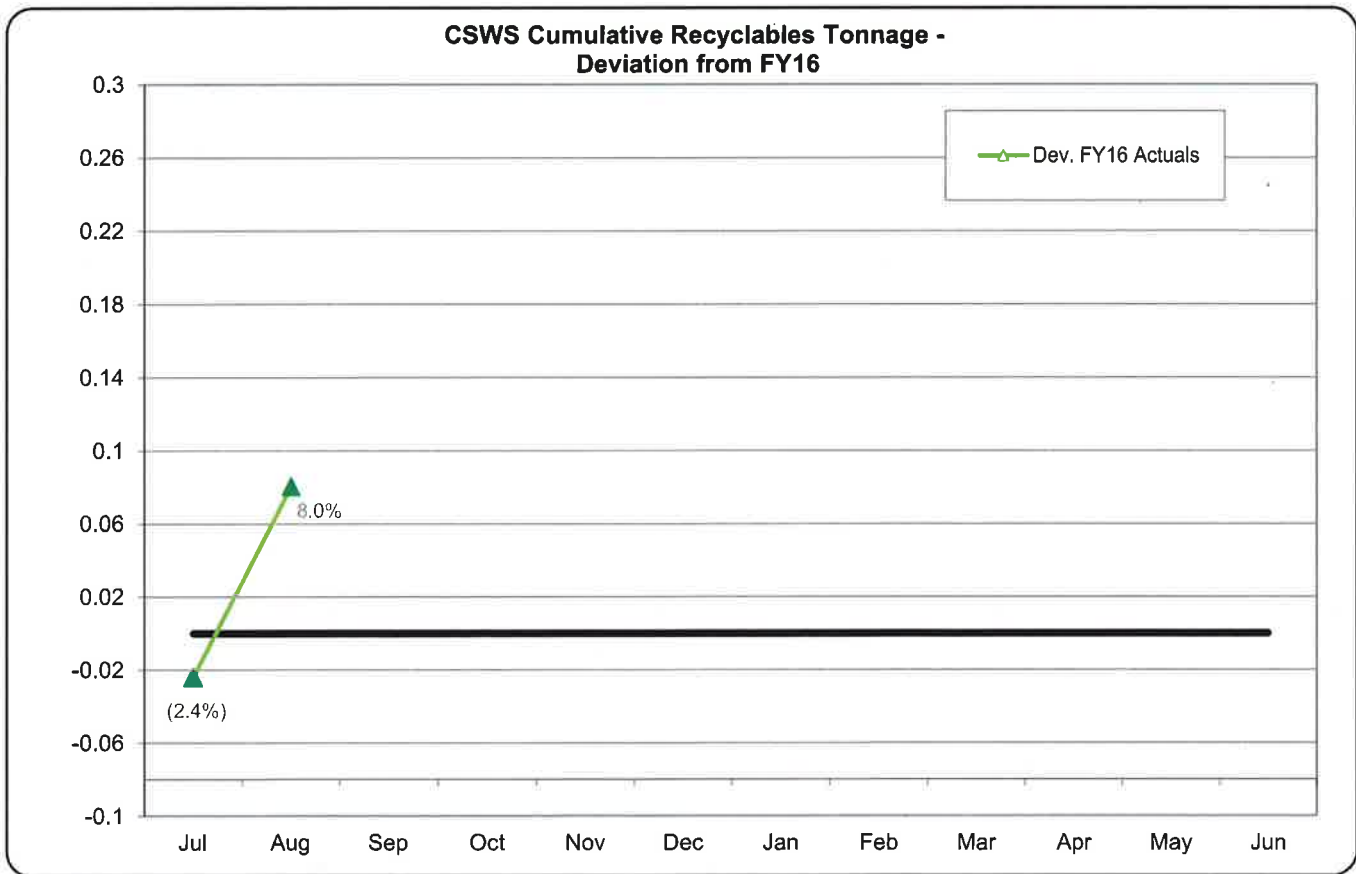
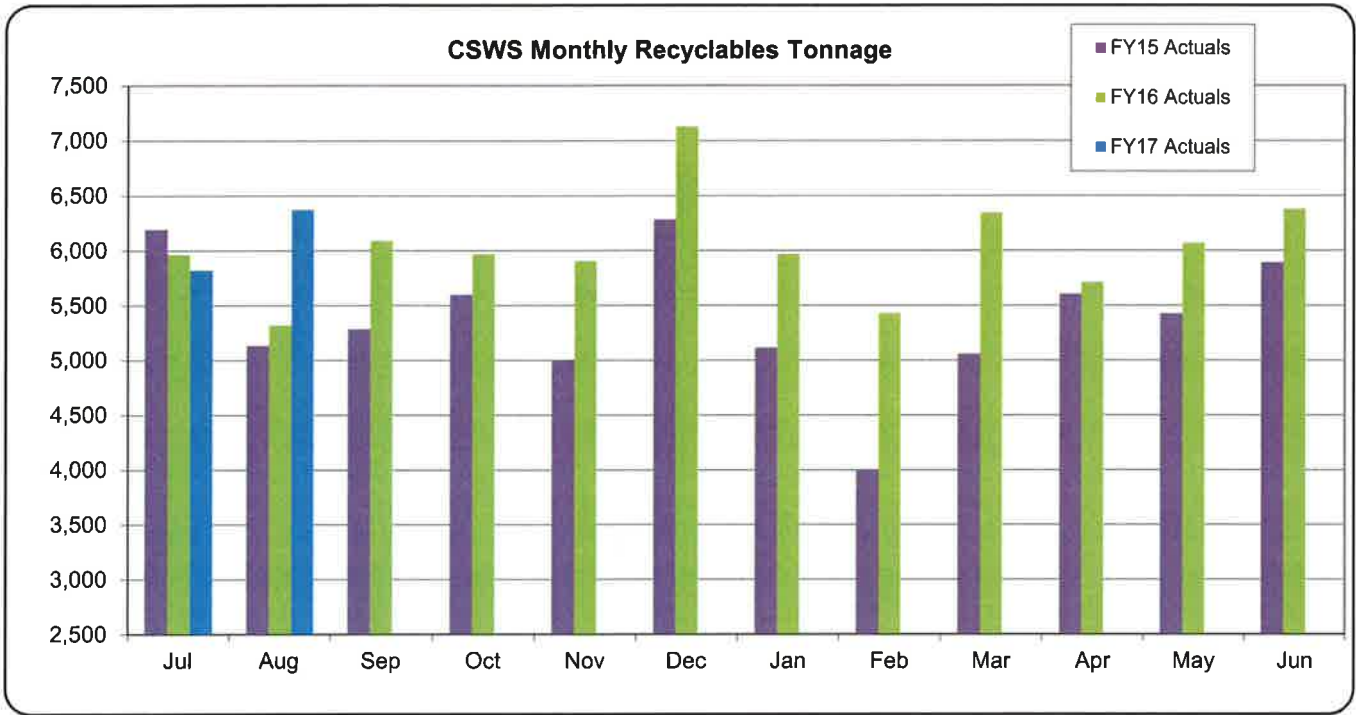
CSWS Tier 3 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Aug 15	Aug 16	Growth
Chester	0	0	-	0	0	-	0	0	-
Thomaston	561	623	11%	100	109	9%	49	54	11%
TOTAL TIER 3 MUNICIPALITIES	561	623	11%	100	109	9%	49	54	11%

CSWS Tier 4 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2015	2016	Growth	2016	2017	Growth	Aug 15	Aug 16	Growth
East Hartford	0	2,333	-	0	569	-	0	299	-
TOTAL TIER 4 MUNICIPALITIES	0	2,333	-	0	569	-	0	299	-

CSWS Recyclables Trends



TAB F

FISCAL YEAR 2016 LEGAL REQUESTS FOR SERVICES

FIRM/BOARD APPROVAL	Matter	RFS Amount	Amount Incurred July - June for FY'16	Status O (Ongoing) C (Concluded) A (Anticipated)
Brown Rudnick	Compliance Matters	\$ 10,000	\$ -	A
\$25,000.00		\$ 10,000	\$ -	
Cohn Birnbaum & Shea	South Meadows Exit Strategy	\$ 95,000	\$ 86,921	O
\$95,000.00		\$ 95,000	\$ 86,921	
Day Pitney	NPDES Permitting Support	\$ -	\$ -	A
\$20,000.00		\$ -	\$ -	
Halloran & Sage	GC - Authority Budget	\$ 200,000	\$ 22,093	O
\$1,025,000.00	Property Division	\$ 10,000	\$ 3,685	O
	MDC Arbitration	\$ 360,000	\$ 345,943	O
	CSWS	\$ 50,000	\$ 31,280	O
	Hartford Landfill Solar Array	\$ 75,000	\$ 51,528	C
	FOIA Complaint	\$ 30,000	\$ 25,207	O
	Mid-CT Ongoing	\$ 1,750	\$ 1,733	C
	Southeast Project	\$ 55,000	\$ 37,465	O
		\$ 781,750	\$ 518,932	
Kainer, Escalera & McHale	Employment	\$ 25,000	\$ 5,815	O
\$475,000.00	MDC Arbitration	\$ 200,000	\$ 119,909	O
		\$ 225,000	\$ 125,724	
Pullman & Comley	Bond Counsel - General Counsel	\$ 10,000	\$ -	O
\$85,000.00	Bond Counsel - Southeast	\$ 55,000	\$ 51,595	C
		\$ 65,000	\$ 51,595	
TOTALS:		\$ 1,176,750	\$ 783,171	
\$1,725,000.00				

Status*

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