

Materials Innovation and Recycling Authority

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Materials Innovation and Recycling Authority

Regular Board of Directors

Supplemental Information

July 28, 2016

I. Finance

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

CSWS Financials	MIRA Cash Flow
CSWS Electricity	CSWS Improvement Fund
CSWS Solid Waste Summary	Southeast Project
CSWS Recycling Summaries	Authority Budget
Property Division Financials	Certificate of Achievement for Excellence in Financial Reporting (FY15)

II. Summary of Project Activities

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

III. Communications

1. Legal Expenditure Report FY'16 (Attachment D).
2. Final Education Center Report May/June 2016 (Attachment E).

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 May was \$4.40 million (20% below budget). May revenue deficits were concentrated in Member Town Waste, Other Contract Waste, Spot Waste and Electricity Sales. Total operating expenses were \$4.38 million (on budget) in May. Note that the major outage for Unit 11 planned and budgeted for April occurred partially in May causing a temporary surplus in NAES Contract Charges for April which has now been substantially offset by the deficit shown in May NAES Contract Charges. The significant savings in year to date NAES contract operating charges is due to reduced labor and O&M expense influenced by plant downtime. Year to date the CSWS has operating income of \$3.67 million which is \$5.77 million worse than budget. Reserve contributions are \$9.05 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, 2015 and ending June 30, 2016, the first 20 MW of production is sold under fixed contract at the rate of approximately \$0.0541 per kwh and remaining generation is sold in the wholesale energy market.

As indicated in this report, wholesale energy prices were below budget in May bringing the total price for all CSWS energy down to \$0.0378 / Kwh which is approximately 92% of the level budgeted. Year to date price is now 27% below budget. Plant production of energy was 19% below budget in May bringing year to date production to 9% under budget. The plant operated at full capacity (all boilers and turbines running uninterrupted) for 9 out of 31 days. Boiler 11 was down for 21 days primarily for its major outage. Boiler 12 was down for 5 days for tube leaks. Boiler 13 was down 4 days for derail and RDF plug issues. Turbine 5 was down for 9 days for condenser and discharge valve issues. Turbine 6 was down for 7 days for outage work and boiler unavailability. Price and production combine to produce a \$6.49 million (34%) shortfall in electricity revenue year to date. In comparison to this period of fiscal year 2015, year to date plant production of electricity is up by 1%, year to date price is down 18% and year to date electricity sales revenue is down 17%.

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.

May deliveries totaled 47,912 tons which is 13,251 tons (21.7%) below budget. Year to date deliveries are now 55,257 tons (8.7%) under budget. All categories of waste other than Waste Haulers are under budget. The per ton prices for Other Contract waste are \$0.43 per ton above budget year to date and even with FY 2015. Prices for Spot waste are \$6.17 per ton below budget and down in comparison to FY 2015 with low deliveries. 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 \$2.63 million (6.9%) below budget on a year to date basis.



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING May 31, 2016

CSWS Recycling Summary - This report reflects current month and year to date recyclable tons delivered to the CSWS recycling center including the rate per ton and corresponding revenue reconciled to CSWS financials. The report also reflects current month and year to date tons of product 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 11% below budget in May. Delivery revenue was actually 11% above budget due to both CSWS and FCR sourced residential tonnage exceeding budget. **Total CSWS deliveries were 6% above budget and total FCR deliveries were 33% above budget in May.** However, export revenue was 39% below budget. Depressed prices for residential containers is the main cause of this shortfall. ONP and OCC prices are down as well. MIRA was actually paid \$0 for ONP exports in May. Year to date CSWS - sourced recyclable tonnage is 22% above budget while FCR - sourced tonnage is 41% above budget. Year to date total recycling revenue is 14% below budget. As indicated separately on the Metal Sales report, metal sales revenue was also well below budget in May due to severely depressed pricing. The average per ton price for metals is 62% below budget year to date. Year to date revenue from metal sales and excess residue is 58% below budget.

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

As indicated in this report, revenue to the Property Division was 4% above budget in May with no activity in terms of real time energy or reserve credits. Operating expenses were 13% below budget in May. On a year to date basis, operating revenues and expenses are 23% and 25% better than budget, respectively. Total operating income for the Property Division is 70% 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 \$283,253 to the Tip Fee Stabilization Fund. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF and Improvement Fund resulting in a draw from the Tip Fee Stabilization Fund of \$2,163,876. After the distribution of May receipts, \$7,417,121 remained due to the Tip Fee Stabilization Fund from CSWS. Note that May receipts were used to fund July 2016 budgets (1st month of FY 2017) including \$1.5 million initial distribution to the CSWS Improvement Fund.

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 2016 Board of Directors Financial Report

[Narrative](#)

CSWS Monthly Financial Report

Period Ending: **May 31, 2016**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Member Towns	\$ 2,255,572	\$ 1,973,804	\$ (281,768)	-12%	\$ 21,722,756	\$ 21,207,295	\$ (515,461)	-2%
Other Contracts	\$ 367,542	\$ 105,660	\$ (261,882)	-71%	\$ 4,612,293	\$ 3,912,559	\$ (699,734)	-15%
Hauler Contracts	\$ 906,176	\$ 932,740	\$ 26,564	3%	\$ 9,101,760	\$ 9,615,034	\$ 513,274	6%
Spot Waste	\$ 188,595	\$ -	\$ (188,595)	n/a	\$ 2,529,675	\$ 604,973	\$ (1,924,702)	-76%
Other Operating Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ (4,850)	\$ (4,850)	n/a
Member Service Fee	\$ 4,918	\$ 3,529	\$ (1,389)	-28%	\$ 47,024	\$ 32,043	\$ (14,981)	-32%
Metal Sales & Excess Residue	\$ 155,102	\$ 111,143	\$ (43,959)	-28%	\$ 1,706,123	\$ 722,967	\$ (983,156)	-58%
Bulky Waste	\$ 6,083	\$ 14,217	\$ 8,134	134%	\$ 66,913	\$ 111,780	\$ 44,867	67%
Recycling Facility	\$ 104,565	\$ 93,312	\$ (11,253)	-11%	\$ 1,129,771	\$ 971,551	\$ (158,221)	-14%
Electricity Sales	\$ 1,364,117	\$ 1,014,212	\$ (349,905)	-26%	\$ 19,142,485	\$ 12,649,630	\$ (6,492,855)	-34%
Other Energy Markets	\$ 158,583	\$ 150,656	\$ (7,927)	-5%	\$ 1,744,413	\$ 1,897,948	\$ 153,535	9%
Misc. (Interest, Fees, Other)	\$ 861	\$ 1,878	\$ 1,017	118%	\$ 27,634	\$ 53,728	\$ 26,094	94%
TOTAL ACCRUED REVENUES	\$ 5,512,114	\$ 4,401,150	\$ (1,110,964)	-20%	\$ 61,830,847	\$ 51,774,657	\$ (10,056,190)	-16%
EXPENDITURES								
Administrative Expenses	\$ 207,271	\$ 227,018	\$ (19,747)	-10%	\$ 2,798,447	\$ 2,499,249	\$ 299,198	11%
Operational Expenses	\$ 260,683	\$ 177,234	\$ 83,449	32%	\$ 3,099,515	\$ 1,843,480	\$ 1,256,035	41%
PILOTs & Fees	\$ 222,666	\$ 207,426	\$ 15,240	7%	\$ 2,464,326	\$ 2,371,788	\$ 92,538	4%
Waste Transport	\$ 1,136,179	\$ 845,148	\$ 291,031	26%	\$ 12,258,994	\$ 11,576,912	\$ 682,082	6%
Recycling Facility	\$ 44,182	\$ (159,175)	\$ 203,357	460%	\$ 684,002	\$ 451,698	\$ 232,304	34%
Murphy Road Operations	\$ 10,608	\$ 10,608	\$ (0)	0%	\$ 116,688	\$ 116,691	\$ (3)	0%
MIRA Facilities Operating Exp.	\$ 66,840	\$ 50,316	\$ 16,524	25%	\$ 767,450	\$ 820,748	\$ (53,298)	-7%
NAES Contract Operating Charges	\$ 2,123,301	\$ 2,700,319	\$ (577,018)	-27%	\$ 26,708,349	\$ 24,968,177	\$ 1,740,172	7%
NAES On-Site Incentive Comp.	\$ 77,536	\$ 76,583	\$ 953	1%	\$ 841,334	\$ 842,416	\$ (1,082)	0%
NAES Management Fees	\$ 99,584	\$ 111,296	\$ (11,712)	-12%	\$ 1,095,424	\$ 1,122,721	\$ (27,297)	-2%
Transfer Station - Ellington	\$ 1,332	\$ 299	\$ 1,033	78%	\$ 14,652	\$ 10,419	\$ 4,233	29%
Transfer Station - Essex	\$ 47,575	\$ 44,006	\$ 3,569	8%	\$ 523,325	\$ 500,142	\$ 23,183	4%
Transfer Station - Torrington	\$ 45,508	\$ 43,639	\$ 1,869	4%	\$ 500,588	\$ 479,698	\$ 20,890	4%
Transfer Station - Watertown	\$ 47,250	\$ 44,572	\$ 2,678	6%	\$ 519,750	\$ 497,555	\$ 22,195	4%
TOTAL ACCRUED EXPENDITURES	\$ 4,390,515	\$ 4,379,289	\$ 11,226	0%	\$ 52,392,844	\$ 48,101,693	\$ 4,291,151	8%
OPERATING INCOME (Before Reserves / Transfers)	\$ 1,121,599	\$ 21,860	\$ (1,099,739)	-98%	\$ 9,438,003	\$ 3,672,963	\$ (5,765,040)	-61%
DISTRIBUTION OF CSWS OPERATING INCOME								
Debt Service Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Improvement Fund	\$ 261,448	\$ 261,448	\$ -	0%	\$ 9,053,440	\$ 9,053,440	\$ -	0%
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 261,448	\$ 261,448	\$ -	0%	\$ 9,053,440	\$ 9,053,440	\$ -	0%
SURPLUS / (DEFICIT)	\$ 860,151	\$ (239,588)	\$ (1,099,739)	-128%	\$ 384,563	\$ (5,380,477)	\$ (5,765,040)	-1499%

Materials Innovation and Recycling Authority
 FY 2016 Board of Directors Financial Report

[Narrative](#)

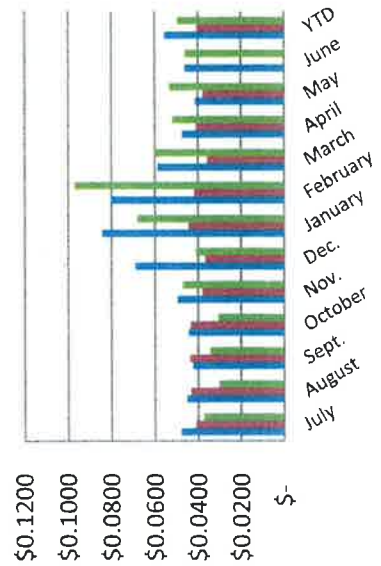
CSWS Electricity Production

Period Ending:

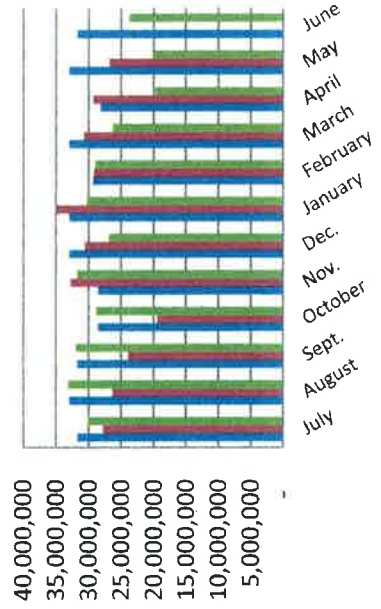
May 31, 2016

FY 2016	Price			Production			Generation Revenue		
	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0481	\$ 0.0411	\$ (0.0070)	31,786,564	27,787,330	(3,999,234)	\$ 1,528,737	\$ 1,142,449	\$ (386,288)
August	\$ 0.0454	\$ 0.0435	\$ (0.0019)	32,993,831	26,331,090	(6,662,741)	\$ 1,497,073	\$ 1,144,713	\$ (352,360)
Sept.	\$ 0.0425	\$ 0.0439	\$ 0.0013	31,786,564	23,903,530	(7,883,034)	\$ 1,352,041	\$ 1,048,605	\$ (303,436)
October	\$ 0.0445	\$ 0.0436	\$ (0.0009)	28,567,184	19,470,280	(9,096,904)	\$ 1,270,670	\$ 849,152	\$ (421,519)
Nov.	\$ 0.0497	\$ 0.0381	\$ (0.0116)	28,567,184	32,794,810	4,227,626	\$ 1,419,118	\$ 1,249,835	\$ (169,283)
Dec.	\$ 0.0691	\$ 0.0368	\$ (0.0323)	32,993,831	30,613,990	(2,379,841)	\$ 2,280,858	\$ 1,126,707	\$ (1,154,151)
January	\$ 0.0844	\$ 0.0444	\$ (0.0400)	32,993,831	34,953,280	1,959,449	\$ 2,784,785	\$ 1,552,619	\$ (1,232,166)
February	\$ 0.0804	\$ 0.0418	\$ (0.0386)	29,372,029	29,206,460	(165,569)	\$ 2,361,610	\$ 1,221,897	\$ (1,139,713)
March	\$ 0.0591	\$ 0.0359	\$ (0.0232)	32,993,831	30,725,500	(2,268,331)	\$ 1,949,013	\$ 1,102,583	\$ (846,430)
April	\$ 0.0474	\$ 0.0409	\$ (0.0065)	28,164,761	29,287,050	1,122,289	\$ 1,334,463	\$ 1,196,859	\$ (137,604)
May	\$ 0.0413	\$ 0.0378	\$ (0.0036)	32,993,831	26,851,290	(6,142,541)	\$ 1,364,117	\$ 1,014,212	\$ (349,905)
June	\$ 0.0462	\$ -	n/a	31,786,559	n/a	n/a	\$ 1,469,574	n/a	n/a
YTD	\$ 0.0558	\$ 0.0406	\$ (0.0152)	343,213,441	311,924,610	(31,288,831)	19,142,485	12,649,630	\$ (6,492,855)
YTD % Var.			-27%			-9%			-34%

Price / KWh



Production (KWh)



Materials Innovation and Recycling Authority
 FY 2016 Board of Directors Financial Report

Narrative

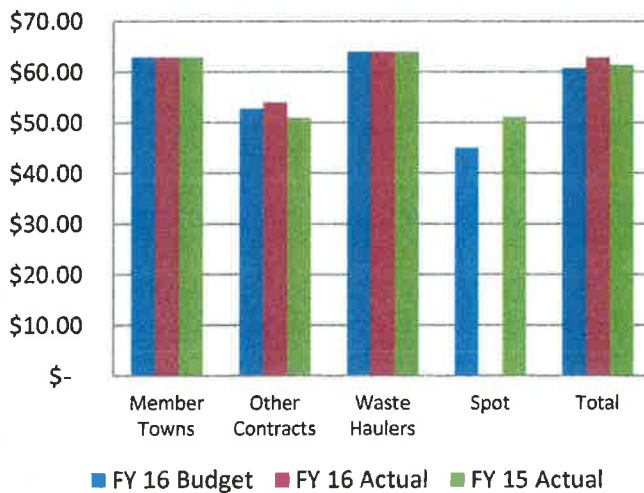
CSWS Solid Waste Summary

Period Ending:

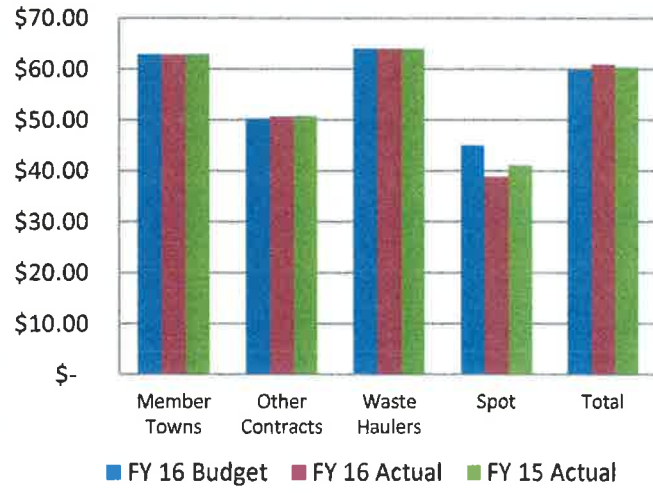
May 31, 2016

FY 16 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	35,846	\$ 2,255,572	\$ 62.92	345,311	\$ 21,722,756	\$ 62.91
<u>Other Contracts</u>	6,967	\$ 367,542	\$ 52.75	91,697	\$ 4,612,293	\$ 50.30
<u>Waste Haulers</u>	14,159	\$ 906,176	\$ 64.00	142,215	\$ 9,101,760	\$ 64.00
<u>Spot</u>	4,191	\$ 188,595	\$ 45.00	56,215	\$ 2,529,675	\$ 45.00
Total	61,163	\$ 3,717,885	\$ 60.79	635,438	\$ 37,966,484	\$ 59.75
FY 16 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	31,381	\$ 1,973,804	\$ 62.90	337,239	\$ 21,207,295	\$ 62.89
Other Contracts	1,957	\$ 105,660	\$ 54.00	77,127	\$ 3,912,559	\$ 50.73
Waste Haulers	14,574	\$ 932,740	\$ 64.00	150,235	\$ 9,615,034	\$ 64.00
Spot	-	\$ -	\$ -	15,581	\$ 604,973	\$ 38.83
Total	47,912	\$ 3,012,204	\$ 62.87	580,181	\$ 35,339,861	\$ 60.91
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(4,465)	\$ (281,768)	\$ (0.03)	(8,072)	\$ (515,461)	\$ (0.02)
Other Contracts	(5,010)	\$ (261,882)	\$ 1.25	(14,570)	\$ (699,734)	\$ 0.43
Waste Haulers	415	\$ 26,564	\$ -	8,020	\$ 513,274	\$ -
Spot	(4,191)	\$ (188,595)	\$ (45.00)	(40,634)	\$ (1,924,702)	\$ (6.17)
Total	(13,251)	\$ (705,681)	\$ 2.08	(55,257)	\$ (2,626,623)	\$ 1.16
Total % Var.	-21.7%	-19.0%	3.4%	-8.7%	-6.9%	1.9%

Current Month Average Price / Ton



YTD Average Price / Ton



CSWS Recycling Facility (Deliveries)

Period Ending:

May 31, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 59,377	\$ 65,968	\$ 6,591	\$ 600,244	\$ 725,217	\$ 124,973
Export Revenue	\$ 45,188	\$ 27,343	\$ (17,844)	\$ 529,527	\$ 246,333	\$ (283,194)
Total	\$ 104,565	\$ 93,312	\$ (11,253)	\$ 1,129,771	\$ 971,551	\$ (158,221)
Total % Var.			-11%			-14%

Current Month Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Delivery Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	57.95	\$ 8.50	\$ 493	-	\$ 7.50	\$ -	\$ 493
Residential Single	4,171.53	\$ 8.50	\$ 35,458	820	\$ 7.50	\$ 6,147	\$ 41,605
Commercial	6.77	\$ -	\$ -	80	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	276	\$ 62.58	\$ 17,280	\$ 17,280
Total	4,236.25	\$ 8.49	\$ 35,951	1,176	\$ 19.92	\$ 23,427	\$ 59,377
Current Month Actual							
Residential Dual	106.79	\$ 8.50	\$ 908	-	#DIV/0!	\$ -	\$ 908
Residential Single	4,373.41	\$ 8.50	\$ 37,174	1,160	\$ 7.50	\$ 8,699	\$ 45,873
Commercial	5.33	\$ -	\$ -	95	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	309	\$ 62.00	\$ 19,188	\$ 19,188
Total	4,485.53	\$ 8.49	\$ 38,082	1,564	\$ 17.83	\$ 27,887	\$ 65,968
Current Month Variance							
Residential Dual	48.84	-	415	-	#DIV/0!	-	\$ 415
Residential Single	201.88	-	1,716	340	-	2,552	\$ 4,268
Commercial	(1.44)	-	-	14	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	33	(1)	1,907	\$ 1,907
Total	249.28	\$ 0.00	\$ 2,131	388	#DIV/0!	\$ 4,460	\$ 6,591

Year To Date Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	585.93	\$ 8.50	\$ 4,980	-	\$ 7.50	\$ -	\$ 4,980
Residential Single	42,184.10	\$ 8.50	\$ 358,565	8,286	\$ 7.50	\$ 62,148	\$ 420,713
Commercial	68.46	\$ -	\$ -	814	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	2,789	\$ 62.58	\$ 174,550	\$ 174,550
Total	42,838.49	\$ 8.49	363,545.26	11,889	\$ 19.91	\$ 236,699	\$ 600,244
Year To Date Actual							
Residential Dual	1,281.87	\$ 8.50	\$ 10,896	-	#DIV/0!	\$ -	\$ 10,896
Residential Single	50,672.28	\$ 8.50	\$ 430,714	12,327	\$ 7.50	\$ 92,455	\$ 523,170
Commercial	125.85	\$ -	\$ -	1,302	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	3,083	\$ 62.00	\$ 191,152	\$ 191,152
Total	52,080.00	\$ 8.48	441,610.28	16,712	\$ 16.97	\$ 283,607	\$ 725,217
Year To Date Variance							
Residential Dual	695.94	-	5,915	-	#DIV/0!	-	\$ 5,915
Residential Single	8,488.18	-	72,150	4,041	-	30,307	\$ 102,456
Commercial	57.39	-	-	488	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	294	(1)	16,601	\$ 16,601
Total	9,241.51	(0.01)	78,065.02	4,823	\$ (2.94)	\$ 46,908	\$ 124,973

[CSWS Recycling Facility \(Exports\)](#)

Period Ending:

May 31, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 59,377	\$ 65,968	\$ 6,591	\$ 600,244	\$ 725,217	\$ 124,973
Export Revenue	\$ 45,188	\$ 27,343	\$ (17,844)	\$ 529,527	\$ 246,333	\$ (283,194)
Total	\$ 104,565	\$ 93,312	\$ (11,253)	\$ 1,129,771	\$ 971,551	\$ (158,221)
Total % Var.			-11%			-14%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	1,582.01	\$ 1.50	\$ 2,373	337	\$ 0.30	\$ 101	\$ 2,474
Residential OCC	623.35	\$ 17.48	\$ 10,893	133	\$ 3.00	\$ 398	\$ 11,291
Residential Containers	1,190.98	\$ 24.24	\$ 28,868	253	\$ 5.90	\$ 1,495	\$ 30,363
Commercial	6.77	\$ 47.36	\$ 321	80	\$ 9.19	\$ 739	\$ 1,060
Total	3,403.11	\$ 12.48	\$ 42,454	803	\$ 3.40	\$ 2,733	\$ 45,188
Current Month Actual							
Residential ONP	1,990.00	\$ -	\$ -	515	\$ -	\$ -	\$ -
Residential OCC	734.08	\$ 11.50	\$ 8,442	190	\$ 2.30	\$ 437	\$ 8,879
Residential Containers	1,251.13	\$ 13.19	\$ 16,497	324	\$ 2.64	\$ 854	\$ 17,352
Commercial	5.33	\$ 69.11	\$ 368	95	\$ 7.86	\$ 744	\$ 1,113
Total	3,980.54	\$ 6.36	\$ 25,308	1,124	\$ 1.81	\$ 2,036	\$ 27,343
Current Month Variance							
Residential ONP	407.99	\$ (1.50)	(2,373)	179	\$ (0.30)	(101)	\$ (2,474)
Residential OCC	110.73	\$ (5.98)	(2,451)	57	\$ (0.70)	39	\$ (2,412)
Residential Containers	60.15	\$ (11.05)	(12,370)	70	\$ (3.26)	(641)	\$ (13,011)
Commercial	(1.44)	\$ 21.76	48	14	\$ (1.33)	5	\$ 53
Total	577.43	\$ (6.12)	\$ (17,147)	321	\$ (1.59)	\$ (698)	\$ (17,844)

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	16,611.10	\$ 1.64	\$ 27,290	3,871	\$ 0.30	\$ 1,161	\$ 28,451
Residential OCC	7,168.48	\$ 17.48	\$ 125,272	1,525	\$ 3.00	\$ 4,575	\$ 129,848
Residential Containers	13,696.27	\$ 25.07	\$ 343,315	2,914	\$ 5.90	\$ 17,196	\$ 360,510
Commercial	68.46	\$ 47.36	\$ 3,242	814	\$ 9.19	\$ 7,476	\$ 10,719
Total	37,544.31	\$ 13.29	\$ 499,119	9,124	\$ 3.33	\$ 30,409	\$ 529,527
Year To Date Actual							
Residential ONP	23,499.73	\$ -	\$ -	5,595	\$ -	\$ -	\$ -
Residential OCC	9,593.04	\$ 12.41	\$ 119,031	2,285	\$ 2.48	\$ 5,678	\$ 119,031
Residential Containers	15,083.38	\$ 6.55	\$ 98,754	3,592	\$ 1.30	\$ 4,681	\$ 98,754
Commercial	125.85	\$ 57.81	\$ 7,276	1,302	\$ 8.39	\$ 10,914	\$ 7,276
Total	48,302.00	\$ 4.66	\$ 225,061	12,773	\$ 1.67	\$ 21,272	\$ 246,333
Year To Date Variance							
Residential ONP	6,888.63	\$ (1.64)	(27,290)	1,724	\$ (0.30)	(1,161)	\$ (28,451)
Residential OCC	2,424.56	\$ (5.07)	(6,241)	760	\$ (0.52)	1,102	\$ (5,139)
Residential Containers	1,387.11	\$ (18.52)	(244,560)	677	\$ (4.60)	(12,515)	\$ (257,075)
Commercial	57.39	\$ 10.45	4,033	488	\$ (0.80)	3,437	\$ 7,471
Total	10,757.69	\$ (8.63)	\$ (274,057)	3,649	\$ (1.67)	\$ (9,137)	\$ (283,194)

Period Ending: **May 31, 2016**

Metal Sales

FY 2016	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,806.25	\$ 146,269	\$ 80.98	1,678.63	\$ 74,590	\$ 44.44	(127.62)	\$ (71,679)	\$ (36.54)
August	1,806.25	\$ 146,269	\$ 80.98	1,621.63	\$ 60,413	\$ 37.25	(184.62)	\$ (85,856)	\$ (43.72)
September	1,806.25	\$ 146,269	\$ 80.98	1,655.76	\$ 55,890	\$ 33.75	(150.49)	\$ (90,379)	\$ (47.22)
October	1,806.25	\$ 146,269	\$ 80.98	1,427.94	\$ 36,863	\$ 25.82	(378.31)	\$ (109,406)	\$ (55.16)
November	1,806.25	\$ 146,269	\$ 80.98	1,690.93	\$ 32,152	\$ 19.01	(115.32)	\$ (114,117)	\$ (61.97)
December	1,806.25	\$ 146,269	\$ 80.98	1,929.69	\$ 40,569	\$ 21.02	123.44	\$ (105,699)	\$ (59.96)
January	1,806.25	\$ 146,269	\$ 80.98	1,673.56	\$ 33,053	\$ 19.75	(132.69)	\$ (113,216)	\$ (61.23)
February	1,806.25	\$ 146,269	\$ 80.98	1,598.91	\$ 28,884	\$ 18.06	(207.34)	\$ (117,385)	\$ (62.91)
March	1,806.25	\$ 146,269	\$ 80.98	2,115.68	\$ 46,403	\$ 21.93	309.43	\$ (99,866)	\$ (59.05)
April	1,806.25	\$ 146,269	\$ 80.98	1,673.47	\$ 71,807	\$ 42.91	(132.78)	\$ (74,462)	\$ (38.07)
May	1,806.25	\$ 146,269	\$ 80.98	1,599.56	\$ 99,699	\$ 62.33	(206.69)	\$ (46,570)	\$ (18.65)
June	1,806.25	\$ 146,269	\$ 80.98	-	\$ -	n/a	n/a	n/a	n/a
YTD	19,868.75	\$ 1,608,956	\$ 80.98	18,665.75	\$ 580,322	\$ 31.09	(1,203.00)	\$ (1,028,634)	\$ (49.89)

Excess Ferrous Residue

FY 2016	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	220.83	\$ 8,833	\$ 40.00	285.81	\$ 11,432	\$ 40.00	64.98	2,599.07	\$ -
August	220.83	\$ 8,833	\$ 40.00	206.09	\$ 8,244	\$ 40.00	(14.74)	(589.73)	\$ -
September	220.83	\$ 8,833	\$ 40.00	541.76	\$ 21,670	\$ 40.00	320.93	12,837.07	\$ -
October	220.83	\$ 8,833	\$ 40.00	404.52	\$ 16,181	\$ 40.00	183.69	7,347.47	\$ -
November	220.83	\$ 8,833	\$ 40.00	302.43	\$ 12,097	\$ 40.00	81.60	3,263.87	\$ -
December	220.83	\$ 8,833	\$ 40.00	286.56	\$ 11,462	\$ 40.00	65.73	2,629.07	\$ -
January	220.83	\$ 8,833	\$ 40.00	267.47	\$ 10,699	\$ 40.00	46.64	1,865.47	\$ -
February	220.83	\$ 8,833	\$ 40.00	265.53	\$ 10,621	\$ 40.00	44.70	1,787.96	\$ -
March	220.83	\$ 8,833	\$ 40.00	438.20	\$ 17,528	\$ 40.00	217.37	8,694.67	\$ -
April	220.83	\$ 8,833	\$ 40.00	281.64	\$ 11,266	\$ 40.00	60.81	2,432.27	\$ -
May	220.83	\$ 8,833	\$ 40.00	286.10	\$ 11,444	\$ 40.00	65.27	2,610.67	\$ -
June	220.83	\$ 8,833	\$ 40.00			n/a			
YTD	2,429.17	97,167	\$ 40.00	3,566.11	142,644	\$ 40.00	1,136.95	45,478	-

Total Metal Sales and Excess Residue

FY 2016	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	2,027.08	155,102	\$ 76.51	1,964.44	86,022.30	\$ 43.79	(62.65)	(69,079.78)	(32.73)
August	2,027.08	155,102	\$ 76.51	1,827.72	68,656.74	\$ 37.56	(199.36)	(86,445.34)	(38.95)
September	2,027.08	155,102	\$ 76.51	2,197.52	77,560.03	\$ 35.29	170.43	(77,542.05)	(41.22)
October	2,027.08	155,102	\$ 76.51	1,832.46	53,043.59	\$ 28.95	(194.63)	(102,058.49)	(47.57)
November	2,027.08	155,102	\$ 76.51	1,993.36	44,248.85	\$ 22.20	(33.72)	(110,853.23)	(54.32)
December	2,027.08	155,102	\$ 76.51	2,216.25	52,031.77	\$ 23.48	189.17	(103,070.31)	(53.04)
January	2,027.08	155,102	\$ 76.51	1,941.03	43,751.75	\$ 22.54	(86.05)	(111,350.33)	(53.97)
February	2,027.08	155,102	\$ 76.51	1,864.44	39,505.45	\$ 21.19	(162.65)	(115,596.63)	(55.33)
March	2,027.08	155,102	\$ 76.51	2,553.88	63,930.70	\$ 25.03	526.79	(91,171.38)	(51.48)
April	2,027.08	155,102	\$ 76.51	1,955.11	83,072.72	\$ 42.49	(71.97)	(72,029.36)	(34.02)
May	2,027.08	155,102	\$ 76.51	1,885.66	111,142.90	\$ 58.94	(141.42)	(43,959.18)	(17.57)
June	2,027.08	155,102	\$ 76.51	-	-	n/a			
YTD	22,297.92	1,706,123	\$ 76.51	22,231.86	722,967	\$ 32.52	(66.06)	(983,156)	(44.00)

Materials Innovation and Recycling Authority
 FY 2016 Board of Directors Financial Report

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **May 31, 2016**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Jets Electric:								
Capacity Payments	\$ 461,752	\$ 549,265	\$ 87,513	19%	\$ 5,079,272	\$ 5,739,704	\$ 660,432	13%
VARs Payments	\$ 3,533	\$ 4,565	\$ 1,032	29%	\$ 38,863	\$ 54,933	\$ 16,070	41%
Reserve Credits	\$ 50,000	\$ -	\$ (50,000)	n/a	\$ 550,000	\$ 869,421	\$ 319,421	58%
Real Time Energy	\$ 12,500	\$ -	\$ (12,500)	n/a	\$ 137,500	\$ 662,393	\$ 524,893	382%
Total Jets Electric	\$ 527,785	\$ 553,830	\$ 26,045	5%	\$ 5,805,635	\$ 7,326,451	\$ 1,520,816	26%
Lease Income:								
CSWS Murphy Road	\$ 10,608	\$ 10,608	\$ 0	0%	\$ 116,688	\$ 116,692	\$ 4	0%
Golf Center	\$ 1,513	\$ 1,513	\$ -	0%	\$ 16,638	\$ 15,125	\$ (1,513)	-9%
Wheelabrator Lease	\$ 35,958	\$ 35,946	\$ (12)	0%	\$ 395,538	\$ 360,969	\$ (34,569)	-9%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 42,350	\$ 42,350	\$ -	0%
Total Lease Income	\$ 48,079	\$ 48,067	\$ (12)	0%	\$ 571,214	\$ 535,136	\$ (36,078)	-6%
South Central Facility Capacity	\$ 5,417	\$ -	\$ (5,417)	n/a	\$ 59,587	\$ -	\$ (59,587)	n/a
Education & Trash Museum	\$ -	\$ 4,385	\$ 4,385	n/a	\$ -	\$ 36,335	\$ 36,335	n/a
Interest Income	\$ -	\$ -	\$ -	n/a	\$ 7,500	\$ 16,895	\$ 9,395	125%
TOTAL ACCRUED REVENUES	\$ 581,281	\$ 606,281	\$ 25,001	4%	\$ 6,443,936	\$ 7,914,817	\$ 1,470,881	23%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 22,167	\$ 10,597	\$ 11,570	52%	\$ 243,837	\$ 138,659	\$ 105,178	43%
MIRA Personnel Services	\$ 64,138	\$ 58,301	\$ 5,837	9%	\$ 750,056	\$ 639,339	\$ 110,717	15%
Railroad Maintenance	\$ 875	\$ -	\$ 875	n/a	\$ 9,625	\$ 9,450	\$ 175	2%
211 Murphy Road Ops. Center	\$ 16,333	\$ 9,368	\$ 6,965	43%	\$ 179,663	\$ 124,779	\$ 54,884	31%
1410 Honey Spot Road	\$ 7,500	\$ 3,133	\$ 4,367	58%	\$ 82,500	\$ 50,875	\$ 31,625	38%
171 Murphy Road	\$ 3,417	\$ 1,407	\$ 2,010	59%	\$ 37,587	\$ 15,531	\$ 22,056	59%
Education & Trash Museum	\$ 417	\$ -	\$ 417	n/a	\$ 4,587	\$ 811	\$ 3,776	82%
South Central Facility Operating C	\$ 5,417	\$ -	\$ 5,417	n/a	\$ 59,587	\$ -	\$ 59,587	n/a
Jets Operating Charges	\$ 164,830	\$ 165,736	\$ (906)	-1%	\$ 1,825,700	\$ 1,405,547	\$ 420,153	23%
TOTAL ACCRUED EXPENDITURES	\$ 285,094	\$ 248,542	\$ 36,552	13%	\$ 3,193,142	\$ 2,384,992	\$ 808,150	25%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 296,187	\$ 357,739	\$ 61,553	21%	\$ 3,250,794	\$ 5,529,825	\$ 2,279,031	70%
DISTRIBUTION OF PD OPERATING INCOME								
PD Improvement Fund	\$ -	\$ -	\$ -	n/a	\$ 787,000	\$ 787,000	\$ -	0%
TOTAL DISTRIBUTIONS	\$ -	\$ -	\$ -	n/a	\$ 787,000	\$ 787,000	\$ -	0%
SURPLUS / (DEFICIT)	\$ 296,187	\$ 357,739	\$ 61,553	21%	\$ 2,463,794	\$ 4,742,825	\$ 2,279,031	93%

Materials Innovation and Recycling Authority
 FY 2016 Board of Directors Financial Report

[Narrative](#)

Property Division and CSWS Flow of Funds

Period Ending: **May 31, 2016**
 Transfer Date: **June 7, 2016**
 Funding: **July 2016**

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 585,868.11	\$ (101.48)	\$ 585,766.63	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund*	\$ 2,412,727.17	\$ 742.49	\$ 168,277.99		\$ 223,346.51	\$ 2,468,538.18
PD General Fund	\$ 1,984,614.11	\$ 566.60				\$ 1,985,180.71
PD Improvement Fund	\$ 262,564.21				\$ 79,167.00	\$ 341,731.21
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 283,253.12	Combined Below
Total	\$ 4,659,905.49	\$ 1,309.09	\$ 168,277.99	\$ -	\$ 585,766.63	\$ 4,795,450.10
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 3,725,312.43		\$ 3,725,312.43	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF*	\$ 13,041,778.70	\$ 3,158.21	\$ 4,679,468.29		\$ 4,389,188.79	\$ 12,754,657.41
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
General Fund	\$ 1,035.21	\$ 0.32				\$ 1,035.53
CSWS Risk Fund	\$ 442,545.49	\$ 126.32				\$ 442,671.81
CSWS Legal Fund	\$ 602,181.28	\$ 171.92				\$ 602,353.20
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below				\$ 1,500,000.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (2,163,876.36)	Combined Below
Total	\$ 14,091,415.69	\$ 3,456.77	\$ 4,679,468.29	\$ -	\$ 3,725,312.43	\$ 13,804,592.96
Combined						
Severance Fund	\$ 794,031.64	\$ 226.70			\$ -	\$ 794,258.34
CSWS Improvement Fund	\$ 312,620.39		\$ 11,521.62		\$ 1,500,000.00	\$ 1,801,098.77
CSWS Tip Fee Stabilization	\$ 5,581,914.80	\$ 1,593.91			\$ (1,880,623.24)	\$ 3,702,885.47

* Interest earnings on these accounts remain in the account and are not distributed

Mark T. Daley, Chief Financial Officer

Excludes receipt of customer security deposits / guarantees of payment not subject to disbursement or funding in accordance with adopted flow of funds. The Property Division Clearing Account had \$101.48 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 May 31, 2016, \$4,400,182 in prepaid tip fees have been applied to pay customer invoices and \$3,115,306 remained available on customer accounts. After the distribution of May receipts, \$7,417,121 remained due to the Tip Fee Stabilization Fund from CSWS.**

**Materials Innovation and Recycling Authority
 FY 2016 Board of Directors Financial Report
 CSWS Improvement Fund Status**

[Narrative](#)

Period Ending:

May 31, 2016

Budget Analysis		
Adopted Annual CSWS Contribution ⁽¹⁾		\$ 9,053,440
Adopted PD General Fund Transfer ⁽²⁾		\$ 398,564
Adopted PD General / Mid Ct. Fund Transfers ⁽³⁾		\$ 1,730,000
Total Contributions		\$ 11,182,004
Less: Year to Date Purchase Orders:		
Waste Processing Facility	\$ 815,222	
Power Block Facility	\$ 10,113,576	
Recycling	\$ -	
Transfer Stations	\$ 237,807	
Rolling Stock	\$ -	
True Up Amounts Returned	\$ -	
Total Net YTD Purchase Orders		\$ 11,166,605
Equals: Unencumbered Year to Date Budget		\$ 15,399

Cash Reserve Analysis		
Period End Improvement Fund Cash Balance		\$ 301,099
+ FY Remaining Contributions	\$ -	
- Approved Expenditures Not Paid	\$ (286,072)	
- Unencumbered Budget (-)	\$ (15,399)	
Projected Year End Improvement Fund Balance		\$ (372)
Period End Debt Service Fund Cash Balance ⁽⁴⁾		\$ 3,875
+ FY Remaining Contributions	\$ -	
Projected Year End Debt Service Fund Balance		\$ 3,875
Projected Year End Carry Forward		\$ 3,503

Reconciliation To Flow Of Funds Statement		
Period End Improvement Fund Cash Balance		\$ 301,099
Funding Due From Period End Receipts	\$ 1,500,000	
Flow of Funds Statement Balance		\$ 1,801,099

⁽¹⁾ Represents the initial annual adopted budget for CSWS contributions to the CSWS Improvement Fund of \$9,452,004 less the supplemental transfer of \$398,564 from the Property Division General Fund approved at the September 17, 2015 Board meeting.

⁽²⁾ The Board approved a transfer of \$398,564 effective September 17, 2015 intended to reduce the initially adopted budget contributions to the CSWS Improvement Fund to partially mitigate revenue shortfalls resulting from lower than budget energy prices and production.

⁽³⁾ In January the Board approved increased funding of \$1,730,000 for the CSWS capital budget which was comprised of \$82,605.47 from the PD General Fund and \$1,647,394.53 from the Mid-Connecticut operating account.

⁽⁴⁾ Required for payment of final FY 2015 turbine outage expense.

**Materials Innovation and Recycling Authority
FY 2016 Board of Directors Financial Report**

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Segmented Income Statement

Period Ending: May 31, 2016

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
Operating Revenues								
Service charges:								
Members	\$	21,207	\$	2,732	\$			\$ 23,939
Others		14,302		5,723				20,025
Energy rates		14,548		9,343	7,326	102		31,319
Other operating revenues		1,689			455	21		2,165
Total Operating Revenues		51,746		17,798	7,781	123		77,448
Operating Expenses								
Solid waste operations		43,347	(6)	17,551	1,709	297	(2061)	60,837
Maintenance and utilities		597			421	1		1,019
Closure and post-closure care of landfills								
Legal services - external		(31)	434	76		36		515
Administrative and Operational services		3,607	319	397	639	26		6,088
Distribution to SCREEA				5,875				5,875
Total Operating Expenses		47,520	747	23,899	2,769	360	(2,061)	74,334
Operating Income (Loss) before Depreciation and Amortization		4,226	(747)	(6,101)	5,012	(237)	2,061	3,114
Depreciation and amortization	16		103	392	13,786			14,297
Operating Income (Loss)	(16)	4,226	(850)	(6,493)	(8,774)	(237)	2,061	(11,183)
Non-Operating Revenues (Expenses)								
Investment income		27	16	11	17			71
Settlement gains			(693)					(693)
Settlement income					638			638
Other income (expenses)	101	1			(1,660)			(1,558)
Non-Operating Revenues (Expenses), net	101	28	(677)	11	(1,005)			(1,542)
Income (Loss) before Transfers	85	4,254	(1,527)	(6,482)	(9,779)	(237)	2,061	(12,725)
Contribution of initial working capital								
Transfers in (out)		(4,654)	(1,368)		8,362	(279)	(2061)	
Change in Net Position	85	(400)	(2,895)	(6,482)	(1,417)	(516)		(11,625)
Total Net Position, beginning of period	1,753	15,223	13,493	7,569	101,348	19,968		159,354
Total Net Position, end of period	1,838	14,823	10,598	1,087	99,931	19,452		147,729
RECONCILIATION TO VARIANCE REPORT:								
Add: Expenses paid from reserves					354			354
Add: revenue: Murphy road lease					117			117
Less: expense: Murphy road lease		117						117
Add: Amortization	16			392	13,786			14,194
Less: GAAP Exp (Deferred for Budget)				(3,145)				(3,145)
add: Spare parts and fuel inventory adjustment		464			254			718
add: Capitalized expenses not of asset disposals	(101)				1,436			1,335
Less: Settlement income					638			638
Add: rounding								
Operating Income (Loss) per Variance report		3,673		(2,945)	5,530			6,258

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

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending May 31, 2016

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
Line EXPENDITURES								
1 Total Personnel Services	\$ 367,332	\$ 353,915	\$ 13,417	3.65%	\$ 4,642,970	\$ 4,295,283	\$ 347,687	7.49%
2 LESS: MIRA Direct Personnel	\$ 155,228	\$ 97,389	\$ 57,839	37.26%	\$ 1,863,344	\$ 1,178,736	\$ 684,608	36.74%
3 Authority Indirect Personnel	\$ 212,104	\$ 256,526	\$ (44,422)	-20.94%	\$ 2,779,626	\$ 3,116,547	\$ (336,921)	-12.12%
4 ADD: Authority Indirect Non-Personnel Services	\$ 103,769	\$ 55,074	\$ 48,694	46.93%	\$ 1,373,131	\$ 721,271	\$ 651,860	47.47%
5 LESS: Miscellaneous Income	\$ -	\$ 3,988	\$ (3,988)	0.00%	\$ -	\$ 23,133	\$ 23,133	0.00%
SUBTOTAL AUTHORITY ALLOCATION	\$ 315,873	\$ 307,612	\$ 8,260	2.62%	\$ 4,152,757	\$ 3,814,686	\$ 338,072	8.14%
AUTHORITY ALLOCATION								
6 Mid-Connecticut Post Project Closure	\$ 25,691	\$ 28,208	\$ (2,517)	-9.80%	\$ 347,853	\$ 310,563	\$ 37,290	10.72%
7 Southeast Project	\$ 35,769	\$ -	\$ 35,769	100.00%	\$ 360,265	\$ 396,036	\$ (35,772)	-9.93%
8 Property Division	\$ 45,128	\$ 49,525	\$ (4,397)	-9.74%	\$ 611,013	\$ 545,228	\$ 65,785	10.77%
9 Landfill Division	\$ 2,594	\$ 2,861	\$ (267)	-10.30%	\$ 35,117	\$ 31,458	\$ 3,659	10.42%
10 Connecticut Solid Waste System (CSWS)	\$ 206,692	\$ 227,018	\$ (20,326)	-9.83%	\$ 2,798,510	\$ 2,531,401	\$ 267,109	9.54%
SUBTOTAL ALLOCATED	\$ 315,874	\$ 307,611	\$ 8,263	2.62%	\$ 4,152,758	\$ 3,814,686	\$ 338,072	8.14%
TOTAL EXPENDITURES	\$ 471,101	\$ 405,001	\$ 66,100	14.03%	\$ 6,016,101	\$ 4,993,422	\$ 1,022,680	17.00%

Line YTD VARIANCE EXPLANATION

- 1 Reflects total amount for MIRA Direct and Authority Indirect Personnel; Favorable due to timing of yearend accruals and reduction in budgeted positions.
- 2 Favorable due to timing of employee benefits costs, which are being charged 100% to the Authority budget, and reduction in budgeted positions.
- 3 Unfavorable due to timing of payroll and the Health Spending Account, offset by reduction in budgeted positions and benefit costs being charged 100% to the Authority budget. Authority Indirect Personnel is expected to be favorable at fiscal year end.
- 4 Favorable due to lower than budgeted legal fees and other consulting costs and timing of auditor fees, offset by higher than budgeted building operating costs related to the office move of approximately \$132,000.00. Non-Personnel Services are expected to remain favorable at fiscal year end.

SOUTHEAST PROJECT – VARIANCE ANALYSIS

May 2016

REVENUES:

- Service Charges Solid Waste – Members/Contracts (thru Oct 2015): unfavorable due to lower than budgeted tonnage deliveries, partially offset by minimum commitment payments.
- Service Charges Solid Waste –Spot (thru Oct 2015): favorable due to diversions from the MIRA-CSWS Division.
- Electricity: reflects true-up amount based on the interim reconciliation thru Nov 2015.

EXPENDITURES:

- MIRA Administrative Expenses: reflects labor and overhead allocation for 12 months.
- Resource Recovery Facility (RRF): reflects true-up amount based on the interim reconciliation thru Nov 2015.
- Ash Disposal to Putnam (thru Oct 2015): favorable due to lower than budgeted ash tons delivered to Putnam. A total of 8k tons of ash were delivered to Covanta site.

SOUTHEAST PROJECT - FINANCIAL RESULTS

For the Period Ending May 31, 2016

	YTD Budget	YTD Actual	Favorable (Unfavorable) YTD Variance	FY16 Budget
REVENUES				
Service Charges Solid Waste - Members (a)	\$ 2,738,000	\$ 2,731,894	\$ (6,106)	\$ 7,580,600
Service Charges Solid Waste - Contracts (a)	\$ 41,000	\$ 36,879	\$ (4,121)	\$ 110,181
Service Charges Solid Waste - Spot (a)	\$ -	\$ 160,953	\$ 160,953	\$ -
Electricity - Project Share (b)	\$ 9,608,800	\$ 9,342,851	\$ (265,949)	\$ 23,061,000
Interest Income	\$ 2,300	\$ 10,461	\$ 8,161	\$ 3,000
Use of Debt Service Reserve Fund (DSRF) (c)	\$ -	\$ -	\$ -	\$ 2,284,000
TOTAL REVENUES	\$ 12,390,100	\$ 12,283,037	\$ (107,063)	\$ 33,038,781
EXPENDITURES				
MIRA Administrative Expenses (d)	\$ 372,000	\$ 456,909	\$ (84,909)	\$ 405,800
SCRRA Administrative Expenses (e)	\$ 407,500	\$ 407,500	\$ -	\$ 978,000
Resources Recovery Facility (RRF) (b)	\$ 6,701,000	\$ 7,525,236	\$ (824,236)	\$ 15,825,000
Ash Disposal to Putnam (e)	\$ 970,417	\$ 900,013	\$ 70,404	\$ 2,329,000
Recycling (e)	\$ 138,333	\$ 138,333	\$ -	\$ 332,000
Contribution to Future Needs Reserve (e)	\$ 5,451,318	\$ 5,451,318	\$ -	\$ 13,083,164
Previous Fiscal Year Deficit	\$ 79,000	\$ 79,000	\$ -	\$ 85,817
* TOTAL EXPENDITURES	\$ 14,119,568	\$ 14,958,310	\$ (838,741)	\$ 33,038,781
SURPLUS/(DEFICIT)	\$ (1,729,468)	\$ (2,675,273)	\$ (945,804)	\$ -
OPERATING STATISTICS (f)				
Project Member Tons	47,200	46,985	(215)	130,700
Project Contract Tons	700	636	(64)	1,900
Project Spot Tons	0	2,775	2,775	0
Total Project Tons	47,900	50,396	2,496	132,600
Project Operator Tons	43,300	43,832	532	130,400
Total Tons Delivered (including metals)	91,200	94,227	3,027	263,000
Total Tons Processed (excluding metals)	89,000	91,747	2,747	263,000
Ash Tons	24,420	25,037	617	73,260
Ash Percent	27.44%	27.29%	-0.15%	27.86%
Kwh Sold - Project Share (b)	37,073,089	36,046,993	(1,026,096)	88,974,950
Kwh Blended Rate	\$ 0.2592	\$ 0.2592	\$ -	\$ 0.2592

(a) Due to transfer of flow of funds responsibilities to SCRRA, MIRA's YTD budget and actual service charges/tip fees reflect revenues thru Oct 2015 only.

(b) Reflects true-up amounts based on the interim reconciliation thru Nov 2015 for the electricity revenue and the operator service fee.

(c) The amount is from the Balance Sheet; Not a Profit & Loss (P&L) item

(d) YTD actual expenditures include labor & overhead allocation for 12 months.

(e) Reflect YTD budget and actual expenditures thru Nov 2015.

(f) Reflect YTD budget and actual tons thru Oct 2015.

* Does not include deferred GAAP-related expenses.



Government Finance Officers Association

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Authority, Connecticut**

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2015

Executive Director/CEO



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AWARD OF FINANCIAL REPORTING ACHIEVEMENT

to

Accounting and Finance Department
Materials Innovation & Recycling Authority, Connecticut



The award of Financial Reporting Achievement is presented by the Government Finance Officers Association to the individual(s) designated as instrumental in their government unit achieving a Certificate of Achievement for Excellence in Financial Reporting. A Certificate of Achievement is presented to those government units whose annual financial reports are judged to adhere to program standards and represents the highest award in government financial reporting.

Executive Director

Date June 8, 2016

TAB B

MATERIALS INNOVATION AND RECYCLING AUTHORITY

June 2016 Monthly Operational Summary

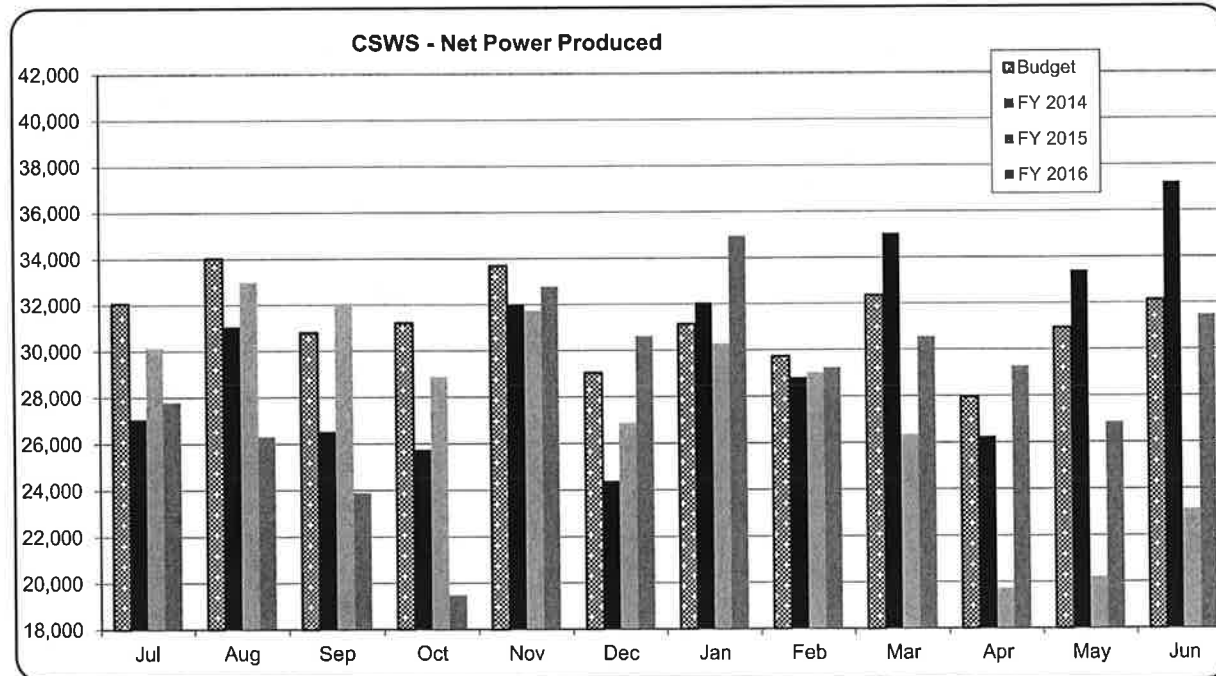
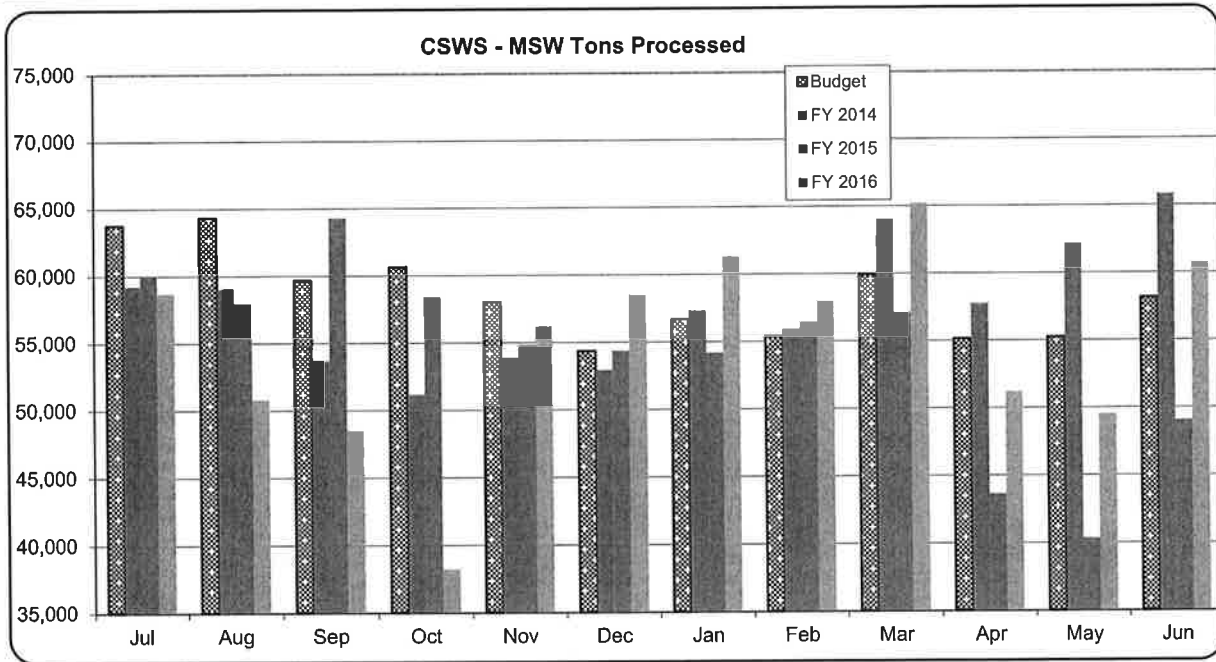
This report provides information on the operations of the two waste-to energy projects for the period ending June 30, 2016. Attached are individual, detailed reports on each of the two projects. The following table provides a summary of key operating parameters for each of the projects and the South Meadow Station's jet turbines.

Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Change	2015	2016	Change	Jun 15	Jun 16	Change
CSWS									
Tons MSW Processed	692,809	650,642	(6.1%)	650,642	656,915	1.0%	49,096	60,691	23.6%
Steam (klbs)	4,357,895	4,125,108	(5.3%)	4,125,108	4,324,840	4.8%	297,319	403,609	35.7%
(% MCR)	71.8%	68.0%		68.0%	71.0%		59.6%	80.9%	
Power Net MWhr)	359,579	331,356	(7.8%)	331,356	343,284	3.6%	23,121	31,488	36.2%
Southeast									
Tons MSW Processed	262,761	261,748	(0.4%)	261,748	276,668	5.7%	22,567	23,871	5.8%
Steam (klbs)	1,546,830	1,605,649	3.8%	1,476,353	1,544,597	4.6%	130,036	133,922	3.0%
(% MCR)	96.3%	99.9%		91.9%	96.1%		98.5%	101.4%	
Power Net MWhr)	132,757	124,778	(6.0%)	124,778	135,394	8.5%	11,453	11,669	1.9%
South Meadow Jets									
Net MWH	3,706	1,837	(50.4%)	1,837	1,635	(11.0%)	0	22	-

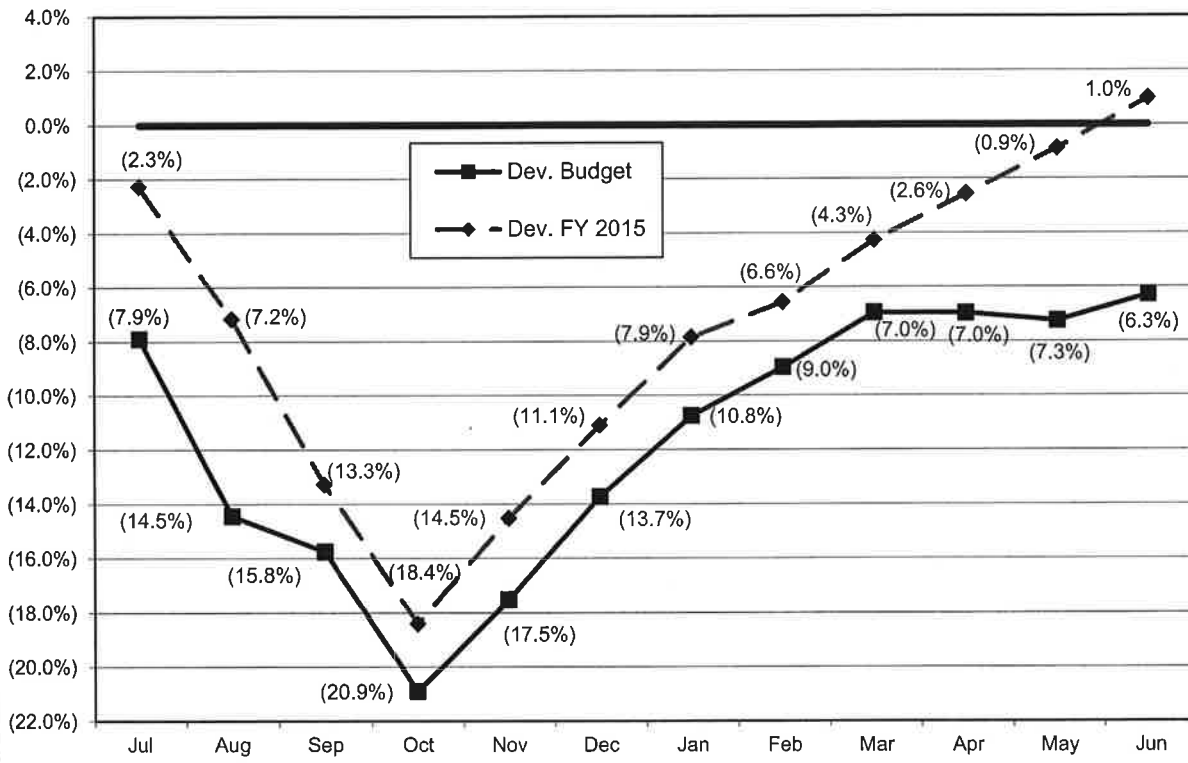
CSWS

June 2016 Monthly Operational Summary

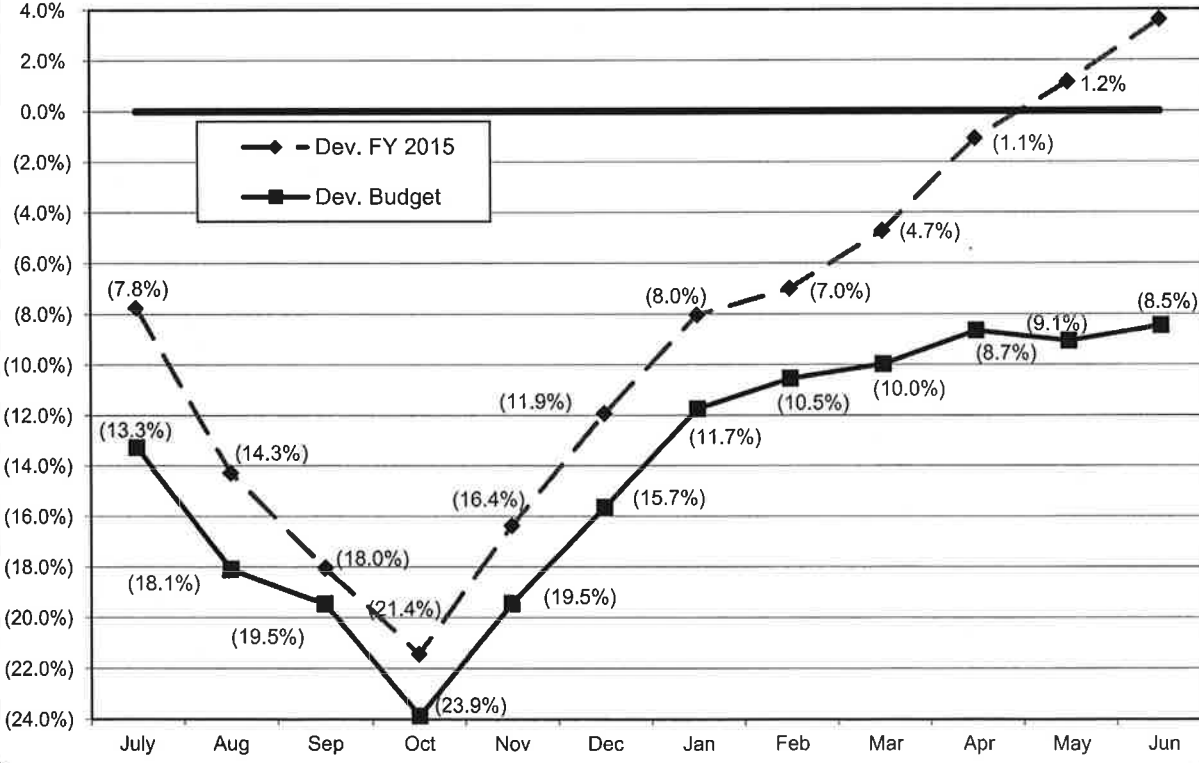
Item	Fiscal Year-To-Date			Monthly		
	2015	2016	Change	Jun 15	Jun 16	Change
Tons MSW Processed	650,642	656,915	1.0%	49,096	60,691	23.6%
Steam (klbs)	4,125,108	4,324,840	4.8%	297,319	403,609	35.7%
(% MCR)	68.0%	71.0%		59.6%	80.9%	
Power Net MWhr)	331,356	343,284	3.6%	23,121	31,488	36.2%



CSWS - Tons Processed - Deviation from Budget and Prior Year



Power Sold - Deviation from Budget and Prior Year



Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Jul 15	70%	74%	62%
Aug 15	71%	71%	57%
Sep 15	66%	68%	54%
Oct 15	83%	51%	15%
Nov 15	73%	73%	92%
Dec 15	75%	59%	83%
Jan 16	77%	84%	89%
Feb 16	72%	76%	80%
Mar 16	74%	83%	67%
Apr 16	58%	78%	85%
May 16	35%	81%	82%
Jun 16	92%	79%	72%

Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/02/15	07/05/15	13	79.27	Grate chain repair, Superheater leak
07/10/15	07/11/15	12	26.97	Air heater fouled
07/17/15	07/19/15	13	40.06	Clinker jam on grate
07/19/15	07/22/15	13	75.31	Superheater and Waterwall leak
07/22/15	07/23/15	13	15.64	Failed gasket on blow down tank
07/24/15	07/24/15	13	7.38	Only one turbine on-line
07/24/15	07/24/15	12	9.65	Only one turbine on-line
07/29/15	07/31/15	12	38.95	Clinker jam on grate
07/30/15	07/30/15	13	7.80	Fuel cut out relay failed
08/07/15	08/09/15	13	58.55	Plugged distribution spout, tube leak
08/11/15	08/14/15	12	72.04	Broken grate chain
08/15/15	08/17/15	13	70.83	Tube leak
08/21/15	08/25/15	13	84.15	Tube leak
08/31/15	08/31/15	11	24.00	Screw repair and tube leak
09/01/15	09/03/15	11	50.83	Screw repair and tube leak
09/02/15	09/05/15	13	68.05	Tube leak
09/13/15	09/16/15	13	71.18	Tube leak
09/20/15	09/23/15	13	79.06	Tube leak
09/21/15	09/22/15	11	29.07	Tube leak
09/21/15	09/22/15	12	44.73	Tube leak
10/04/15	10/08/15	13	96.36	Tube leak
10/05/15	10/06/15	12	33.97	Tube leak
10/11/15	10/12/15	13	46.94	Tube leak
10/13/15	10/14/15	11	26.43	Tube leak
10/19/15	10/30/15	12	264.60	ID Fan failure
10/28/15	10/31/15	13	96.00	Scheduled outage, air heater overall not complete
11/01/15	11/03/15	13	48.21	Scheduled outage, air heater overall not complete
11/02/15	11/03/15	11	43.95	SSC derail
11/13/15	11/14/15	11	23.58	Airheater plug clean
12/03/15	12/03/15	11	3.48	WPF lost control power to RDF feed
12/03/15	12/03/15	13	8.93	WPF lost control power to RDF feed, ID fan would not restart
12/09/15	12/09/15	11	16.05	Bottom ash failure/PLC hung up overloading SSC
01/13/16	01/14/16	13	30.05	Pollution control system atomizer OOC
01/17/16	01/18/16	12	17.00	Large clinker
01/18/16	01/19/16	13	24.04	Instrument air system fault

Unscheduled Downtime Continued

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
02/05/16	02/09/16	13	83.34	Scrubber pluggage
02/07/16	02/07/16	12	0.39	FD Fan trip
02/15/16	02/16/16	13	7.83	Low Drum Relay
02/18/16	02/20/16	11	62.17	Waterwall leak
02/26/16	02/28/16	11	35.97	Superheater and Waterwall leak
03/09/16	03/09/16	12	4.32	Furnace Draft Interlock
03/11/16	03/11/16	12	1.83	PLC Comm Error
03/15/16	03/15/16	12	1.65	Pan Air Lines
03/23/16	03/24/16	11	36.00	Change out FW valve #11 Boiler
03/23/16	03/24/16	12	22.68	Change out FW valve #11 Boiler
04/01/16	04/03/16	11	53.70	Feedwater control valve gasket failure.
04/14/16	04/15/16	11	23.15	Waterwall leak
04/19/16	04/20/16	13	36.76	Waterwall leak
04/24/16	04/24/16	13	0.33	Spout plug
04/28/16	04/30/16	13	41.68	ID fan isolation damper repair
05/05/16	05/07/16	12	45.18	Waterwall leak
05/16/16	05/17/16	13	37.87	SCC derail
05/23/16	05/23/16	11	1.28	RDF plug
05/23/16	05/23/16	12	0.16	RDF plug
05/23/16	05/24/16	13	17.41	RDF plug
05/30/16	05/30/16	12	3.24	WPF loss of power, no fuel
05/30/16	05/31/16	11	36.85	WPF loss of power, no fuel
06/01/16	06/01/16	11	5.87	WPF loss of power, no fuel
06/11/16	06/13/16	13	35.00	SCC issues
06/13/16	06/15/16	13	25.96	High vibration on ID fan
06/16/16	06/18/16	12	43.75	Chute plug/Tube leaks
06/18/16	06/19/16	13	7.74	Loss of power to pan motors

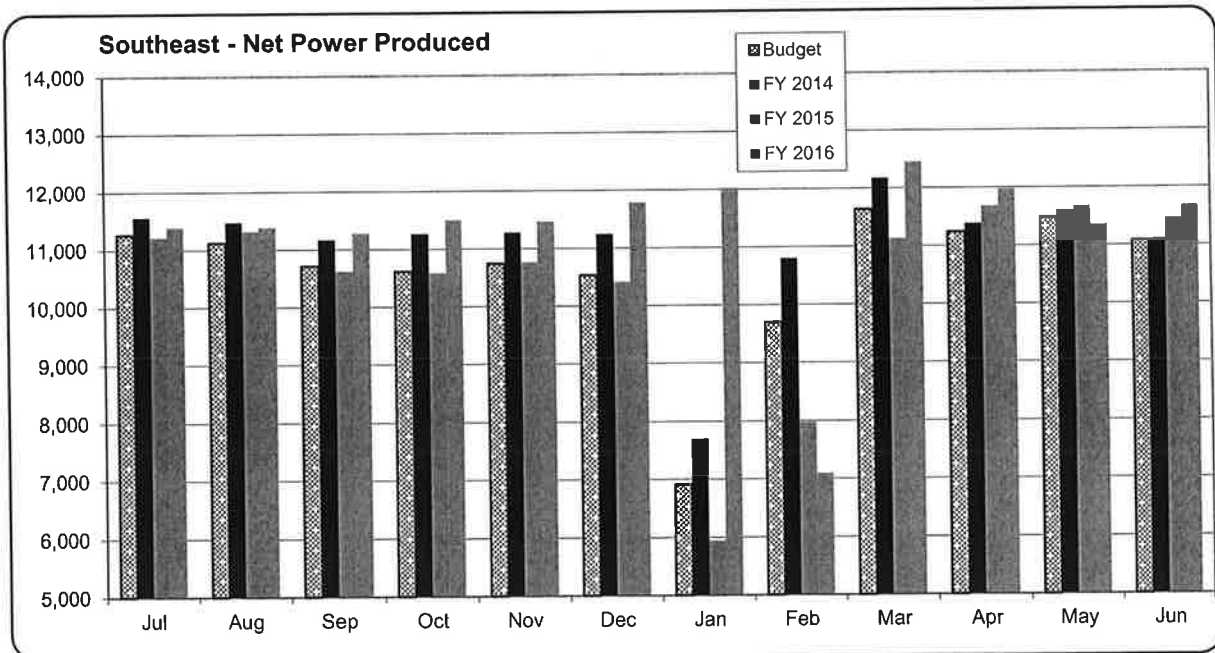
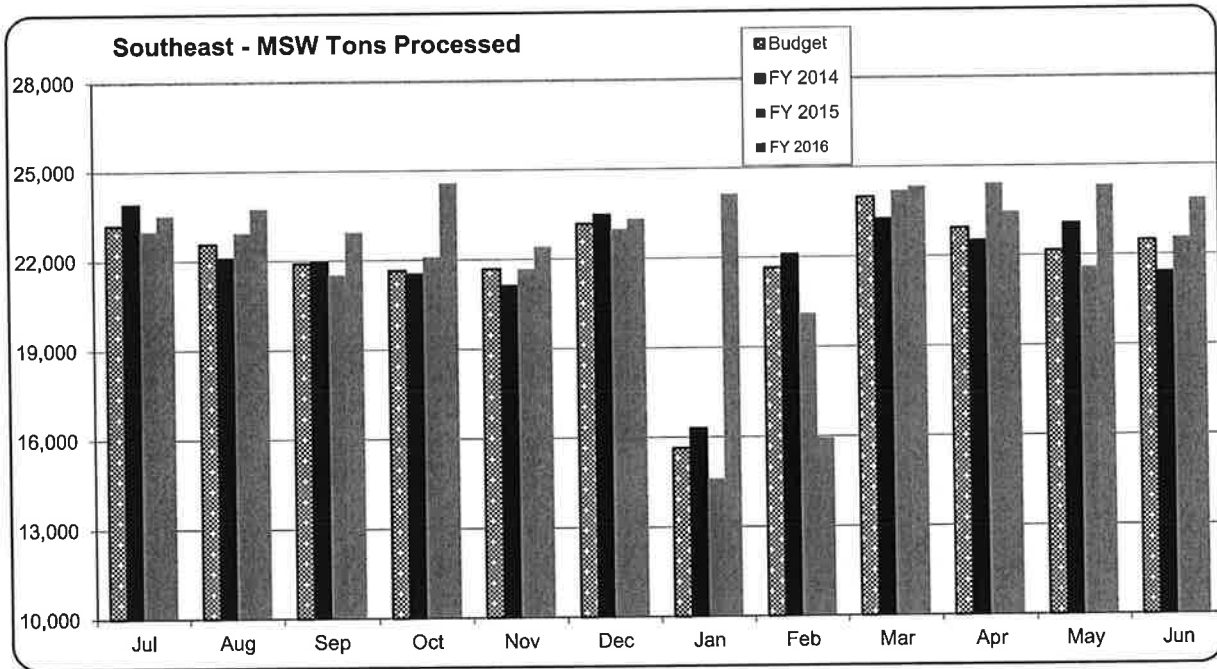
Scheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Work Performed
07/13/15	07/16/15	11	71.67	Cleaning outage
08/10/15	08/13/15	13	78.38	Cleaning outage
09/13/15	09/17/15	12	62.17	Cleaning outage
09/28/15	09/30/15	11	68.96	Cleaning outage
10/01/15	10/01/15	11	2.75	Cleaning outage
10/13/15	10/27/15	13	360.00	Cleaning outage
12/01/15	12/12/15	12	264.15	Cleaning outage
01/07/16	01/10/16	11	95.80	Cleaning outage
03/16/16	03/18/16	11	62.30	Cleaning outage
03/22/16	03/27/16	13	121.32	Cleaning outage
04/11/16	04/12/16	12	47.16	Cleaning outage
04/25/16	04/30/16	11	143.92	Cleaning outage
05/01/16	05/18/16	11	420.94	Cleaning outage
06/06/16	06/10/16	13	100.88	Cleaning outage

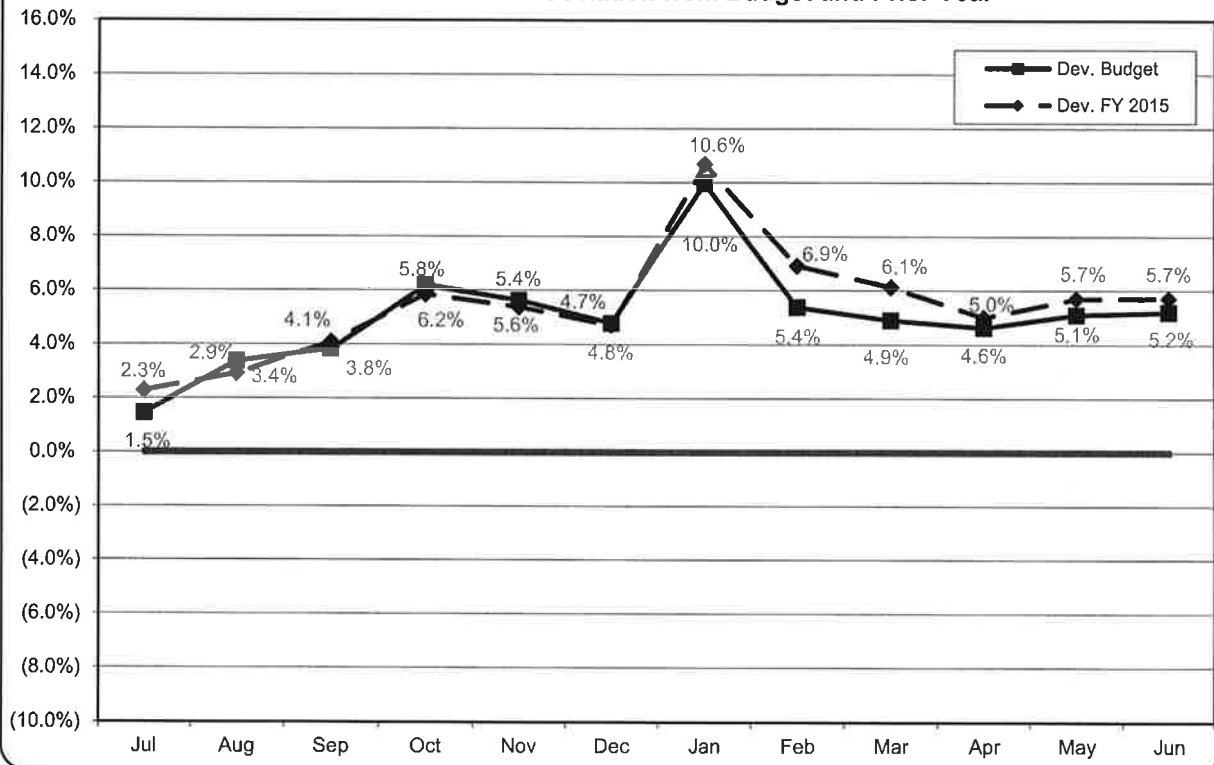
SOUTHEAST (PRESTON) PROJECT

June 2016 Monthly Operational Summary

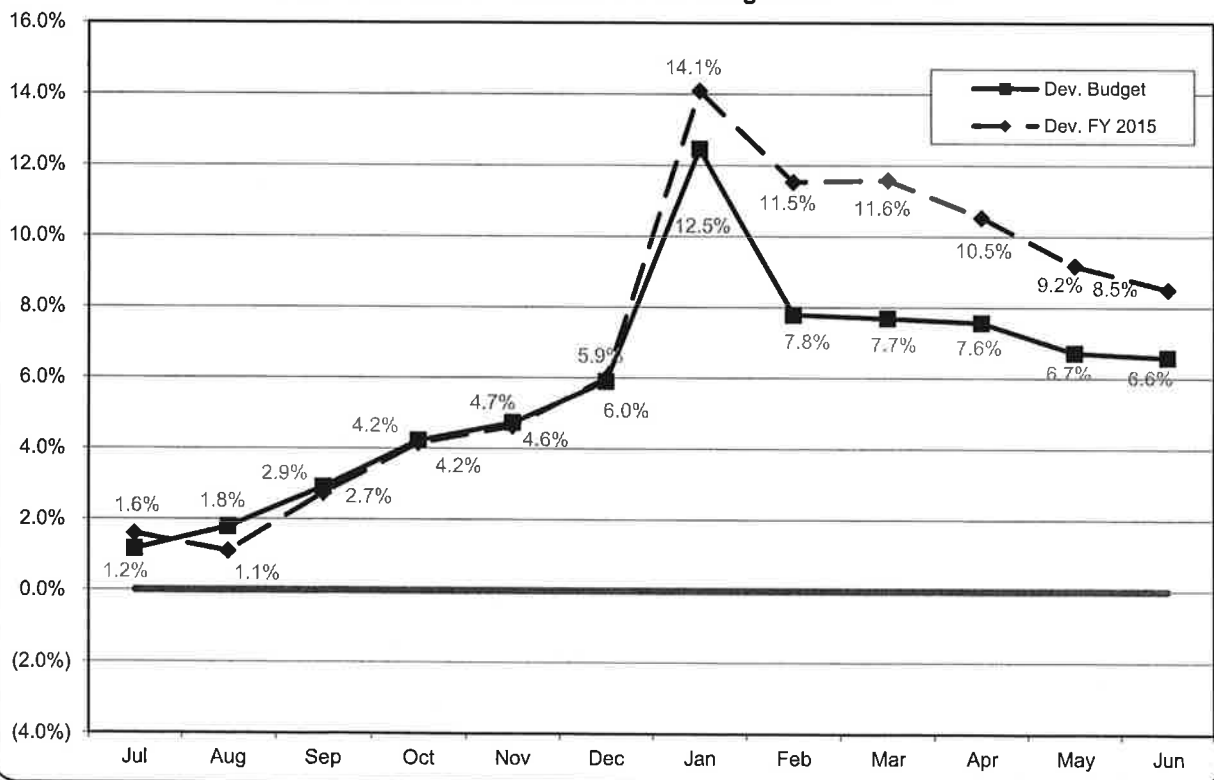
Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Change	2015	2016	Change	Jun 15	Jun 16	Change
Tons MSW Processed	262,761	261,748	(0.4%)	261,748	276,668	5.7%	22,567	23,871	5.8%
Steam (klbs)	1,546,830	1,605,649	3.8%	1,476,353	1,544,597	4.6%	130,036	133,922	3.0%
(% MCR)	96.3%	99.9%		91.9%	96.1%		98.5%	101.4%	
Power Net MWhr)	132,757	124,778	(6.0%)	124,778	135,394	8.5%	11,453	11,669	1.9%



Southeast - Tons Processed - Deviation from Budget and Prior Year



Southeast - Power Sold - Deviation from Budget and Prior Year



Unit Capacity Factors

Month	Boiler 1	Boiler 2
Jul 15	98%	100%
Aug 15	103%	96%
Sep 15	101%	101%
Oct 15	100%	98%
Nov 15	95%	103%
Dec 15	96%	101%
Jan 16	56%	101%
Feb 16	65%	68%
Mar 16	104%	101%
Apr 16	103%	101%
May 16	102%	103%
Jun 16	102%	101%

Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/22/15	07/22/15	2	1.23	Deslag
07/28/15	07/29/15	1	32.73	Superheater failure
07/31/15	07/31/15	2	7.23	Feed chute repair
08/10/15	08/11/15	2	41.35	Tube Leak
09/04/15	09/04/15	1	6.20	Ash extractor jam
09/21/15	09/21/15	1	2.77	Deslag
09/25/15	09/25/15	2	3.50	Deslag
09/29/15	09/29/15	2	0.67	Deslag
10/11/15	10/11/15	1	1.25	Deslag
10/17/15	10/17/15	2	1.10	Deslag
10/19/15	10/21/15	2	32.60	ID Fan bearing failure and tube leak
10/24/15	10/24/15	1	15.27	ID Fan bearing failure
11/03/15	11/03/15	1	1.45	Deslag
11/04/15	11/06/15	1	52.08	Tube Leak
11/09/15	11/09/15	2	1.13	Deslag
11/19/15	11/19/15	2	1.20	Deslag
12/05/15	12/05/15	1	1.37	Deslag
12/09/15	12/09/15	2	3.28	Deslag
12/21/15	12/22/15	1	43.28	Tube Leak
01/08/16	01/09/16	2	3.37	Deslag
02/03/16	02/03/16	2	1.50	Deslag
02/16/16	02/16/16	1	1.98	ID Fan Trip
03/13/16	03/14/16	2	7.65	Failed Primary Air Fan bearing
04/23/16	04/23/16	2	3.12	Deslag
05/02/16	05/02/16	2	1.27	Deslag
05/19/16	05/19/16	1	1.30	Deslag
05/20/16	05/20/16	2	0.90	Deslag
05/21/16	05/21/16	1	2.00	Deslag
05/31/16	05/31/16	1	0.72	Deslag
06/01/16	06/01/16	1	13.62	Replace ID fan bearings
06/02/16	06/02/16	2	3.17	Deslag
06/04/16	06/04/16	2	5.30	CEM failure
06/05/16	06/06/16	2	12.23	Roller grate repair

Scheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Work Performed
02/03/16	02/13/16	1	245.04	Cleaning outage
02/09/16	02/17/16	2	201.60	Cleaning outage

SOUTH MEADOWS JETS
June 2016 Monthly Operational Summary

Date	Net Generation (MWH)	Comment
07/20/15	6.16	Summer CCA testing
07/28/15	106.25	Summer CCA testing
07/29/15	50.33	Summer CCA testing
08/06/15	150.23	Dispatched by ISO-NE
08/15/15	45.78	Dispatched by ISO-NE
08/24/15	31.82	Dispatched by ISO-NE
09/04/15	127.33	Dispatched by ISO-NE
09/07/15	121.01	Dispatched by ISO-NE
09/08/15	97.03	Dispatched by ISO-NE
09/09/15	257.99	Dispatched by ISO-NE
09/17/15	42.75	Dispatched by ISO-NE
10/08/15	47.79	Dispatched by ISO-NE
11/10/15	45.97	Dispatched by ISO-NE
11/11/15	121.22	Dispatched by ISO-NE
12/29/15	56.34	Dispatched by ISO-NE
04/12/16	98.59	VARs testing
06/17/16	22.01	Dispatched by ISO-NE

TAB C

MATERIALS INNOVATION AND RECYCLING AUTHORITY
June 2016 Monthly Customer MSW and Recyclables Deliveries

This report provides information on deliveries of materials for the three MIRA projects/divisions for the period ending June 30, 2016. Attached are individual, detailed reports on each of the projects/divisions. The following table provides a summary of materials deliveries to each project/division.

Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
CSWS MSW									
Tier 1	349,915	337,844	(3%)	348,245	346,503	(1%)	32,056	31,521	(2%)
Tier 2, 3 & 4	28,259	40,371	43%	15,436	15,627	1%	1,397	2,879	106%
Hauler Contract	256,371	255,136	(0%)	255,136	251,487	(1%)	16,853	24,275	44%
Contract	4,367	5,531	27%	5,531	6,258	13%	534	566	6%
In-State Spot	47,794	24,533	(49%)	24,533	15,104	(38%)	0	0	-
Out-of-State Spot	1,506	1,669	11%	1,669	477	(71%)	0	0	-
MSW TOTAL	688,212	665,084	(3%)	650,551	635,456	(2%)	50,840	59,241	17%
CSWS Recyclables									
Tier 1	41,805	43,193	3%	43,193	44,722	4%	3,832	4,026	5%
Tier 3 & 4	442	561	27%	561	623	11%	52	377	629%
Hauler Contract	11,881	8,033	(32%)	8,033	9,711	21%	816	897	10%
Contractor Sourced	8,441	12,506	48%	12,506	14,896	19%	1,169	1,081	(8%)
In-State Spot	823	0	(100%)	0	0	-	0	0	-
Out-of-State Spot	822	0	(100%)	0	0	-	0	0	-
RECYC. TOTAL	64,213	64,293	0%	64,293	69,951	9%	5,869	6,380	9%
Southeast MSW									
Member Towns	135,911	129,442	(5%)	129,442	134,446	4%	11,995	12,519	4%
In-State Spot	1,929	9,266	380%	9,266	5,685	(39%)	2,921	188	(94%)
Company Spot	158,214	122,971	(22%)	122,971	137,787	12%	8,322	12,882	55%
MSW TOTAL	296,054	261,678	(12%)	261,678	277,918	6%	23,238	25,589	10%

Connecticut Solid Waste System
June 2016 Monthly Customer MSW Deliveries
CSWS Tier 1 Participating Municipality MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Avon	11,038	11,120	1%	11,120	11,268	1%	1,061	1,089	3%
Beacon Falls	3,233	3,024	(6%)	3,024	2,635	(13%)	211	238	13%
Bethlehem	1,519	1,551	2%	1,551	1,508	(3%)	146	123	(16%)
Bloomfield	16,497	14,795	(10%)	14,795	15,679	6%	1,603	1,460	(9%)
Canaan	468	430	(8%)	430	441	3%	41	37	(10%)
Canton	4,462	4,481	0%	4,481	4,680	4%	398	436	9%
Clinton	5,365	4,790	(11%)	4,790	4,803	0%	476	456	(4%)
Colebrook	604	622	3%	622	602	(3%)	52	51	(2%)
Cornwall	495	493	(0%)	493	505	3%	43	54	24%
Deep River	3,882	3,639	(6%)	3,639	3,489	(4%)	344	302	(12%)
Durham/Middlefield	3,611	5,751	59%	5,751	6,295	9%	527	669	27%
East Granby	2,968	3,129	5%	3,129	2,869	(8%)	260	241	(7%)
East Hampton	6,074	6,122	1%	6,122	6,146	0%	557	610	9%
Ellington	5,382	5,253	(2%)	5,253	5,139	(2%)	456	503	10%
Essex	3,756	3,062	(18%)	3,062	3,078	1%	245	357	45%
Farmington	15,179	14,329	(6%)	14,329	14,661	2%	1,324	1,302	(2%)
Glastonbury	18,980	18,836	(1%)	18,836	19,255	2%	1,703	1,750	3%
Goshen	1,318	1,307	(1%)	1,307	1,345	3%	120	126	6%
Granby	5,596	5,413	(3%)	5,413	4,791	(11%)	419	413	(2%)
Haddam	2,953	3,193	8%	3,193	3,372	6%	307	304	(1%)
Hartford	88,690	85,433	(4%)	85,433	84,428	(1%)	7,730	7,532	(3%)
Harwinton	2,015	1,904	(6%)	1,904	2,030	7%	159	199	25%
Killingworth	2,091	1,912	(9%)	1,912	1,919	0%	179	173	(3%)
Litchfield*	5,396	5,201	(4%)	5,201	4,860	(7%)	486	429	(12%)
Lyme	760	751	(1%)	751	755	1%	67	65	(3%)
Marlborough	2,622	2,431	(7%)	2,431	2,276	(6%)	245	181	(26%)
Middlebury	2,548	2,611	2%	2,611	2,349	(10%)	200	222	11%
Naugatuck	15,259	14,993	(2%)	14,993	15,157	1%	1,344	1,460	9%
Norfolk	796	762	(4%)	762	728	(4%)	80	73	(9%)
North Canaan	2,412	2,241	(7%)	2,241	2,232	(0%)	208	164	(21%)
Old Lyme	3,516	3,275	(7%)	3,275	3,276	0%	317	325	2%
Old Saybrook	9,397	9,744	4%	9,744	9,852	1%	915	858	(6%)
Oxford	7,384	7,730	5%	7,730	6,204	(20%)	776	399	(49%)
Portland	3,842	3,619	(6%)	3,619	3,510	(3%)	304	299	(2%)
Rocky Hill	11,981	11,671	(3%)	11,671	11,458	(2%)	1,065	948	(11%)
Roxbury	740	710	(4%)	710	704	(1%)	64	63	(1%)
RRDD#1	11,366	10,878	(4%)	10,878	11,014	1%	1,126	1,028	(9%)
Salisbury/Sharon	3,231	3,224	(0%)	3,224	3,292	2%	308	301	(2%)
Simsbury	14,530	14,348	(1%)	14,348	13,698	(5%)	1,239	1,249	1%
Torrington	24,219	24,005	(1%)	24,005	23,792	(1%)	2,127	2,128	0%
Watertown	10,609	10,816	2%	10,816	11,204	4%	1,005	987	(2%)
Wethersfield	14,032	14,025	(0%)	14,025	14,634	4%	1,369	1,521	11%
Woodbury	4,497	4,624	3%	4,624	4,569	(1%)	449	399	(11%)
TOTAL TIER 1 PARTICIPATING MUNICIPALITIES	349,915	343,044	(2%)	348,245	346,503	(1%)	32,056	31,521	(2%)

*Litchfield became a Tier 1 Municipality 7/1/2015, FY14 & FY15 tonnages reflect Tier 2 deliveries.

CSWS Tier 2 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Litchfield*	5,396	5,201	(4%)						
Manchester	13,002	12,955	(0%)	12,955	13,214	2%	1,173	1,232	5%
South Windsor*	7,338	7,267	(1%)						
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	25,736	25,423	(1%)	12,955	13,214	2%	1,173	1,232	5%

*No longer Tier 2 Municipalities, only historical information is provided.

CSWS Tier 3 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Chester	18	19	4%	19	14	(28%)	2	1	(21%)
Thomaston	2,506	2,462	(2%)	2,462	2,400	(3%)	223	223	(0%)
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	2,524	2,481	(2%)	2,481	2,413	(3%)	224	224	(0%)

CSWS Tier 4 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
East Hartford			-		9,502	-	0	1,424	-
TOTAL TIER 4 PARTICIPATING MUNICIPALITIES	0	0	-	0	9,502	-	0	1,424	-

CSWS Non-Processible MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
East Hartford			-		774	-	0	150	-
Farmington	254	484	90%	484	319	(34%)	0	0	-
Hartford	47	48	1%	48	44	(8%)	6	0	(95%)
RRDD#1	127	122	(4%)	122	116	(5%)	13	6	(57%)
Wethersfield	40	46	14%	46	46	1%	5	4	(28%)
TOTAL NON-PROCESSIBLE MSW	468	700	49%	700	1,300	86%	25	160	545%

CSWS MSW Received under Hauler Contract*									
	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
TOTAL HAULER CONTRACT	256,371	255,136	(0%)	255,136	251,487	(1%)	16,853	24,275	

*Includes ICW

CSWS Contract Deliveries									
	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
TOTAL CONTRACT TONS	4,367	5,531	27%	5,531	6,258	13%	534	566	6%

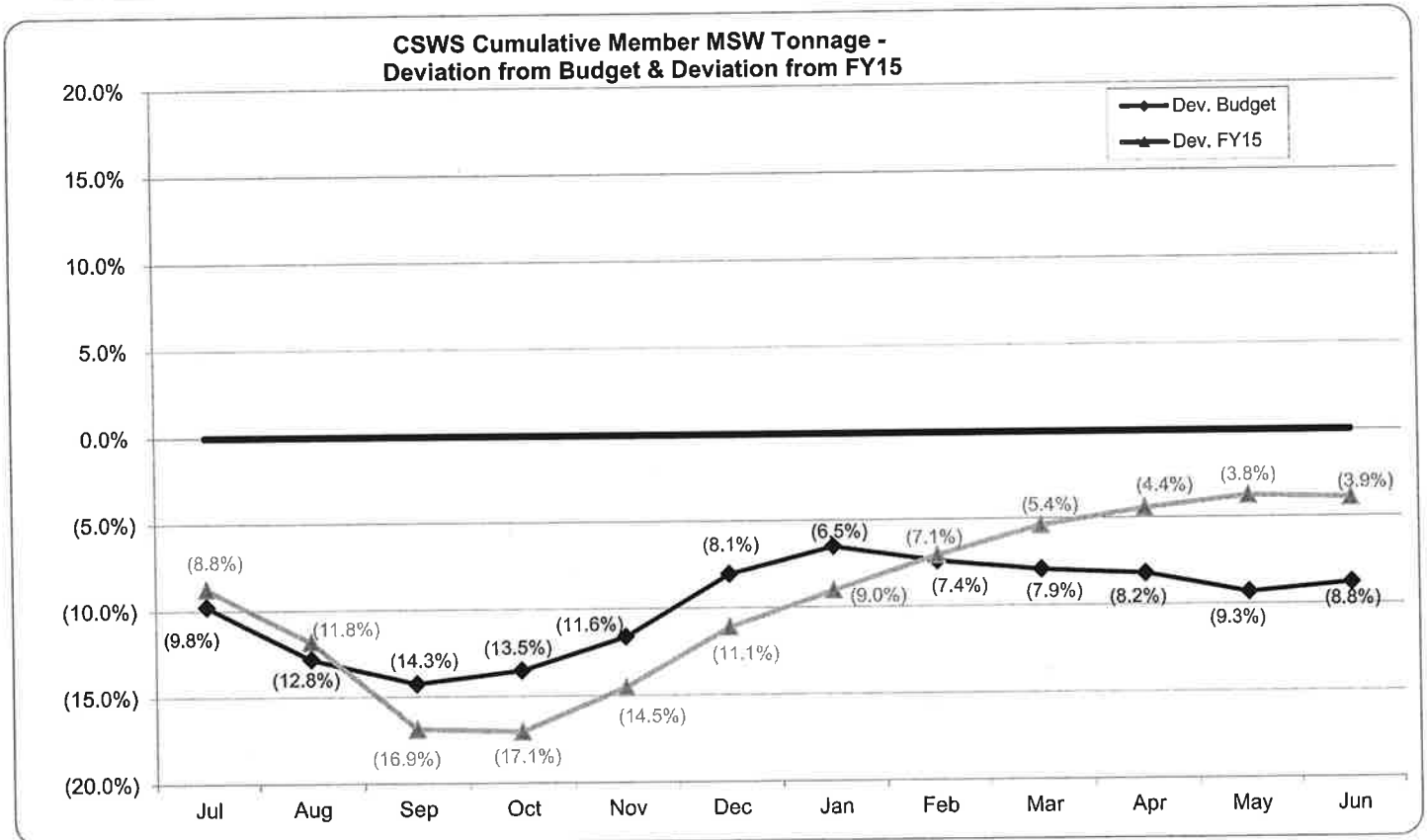
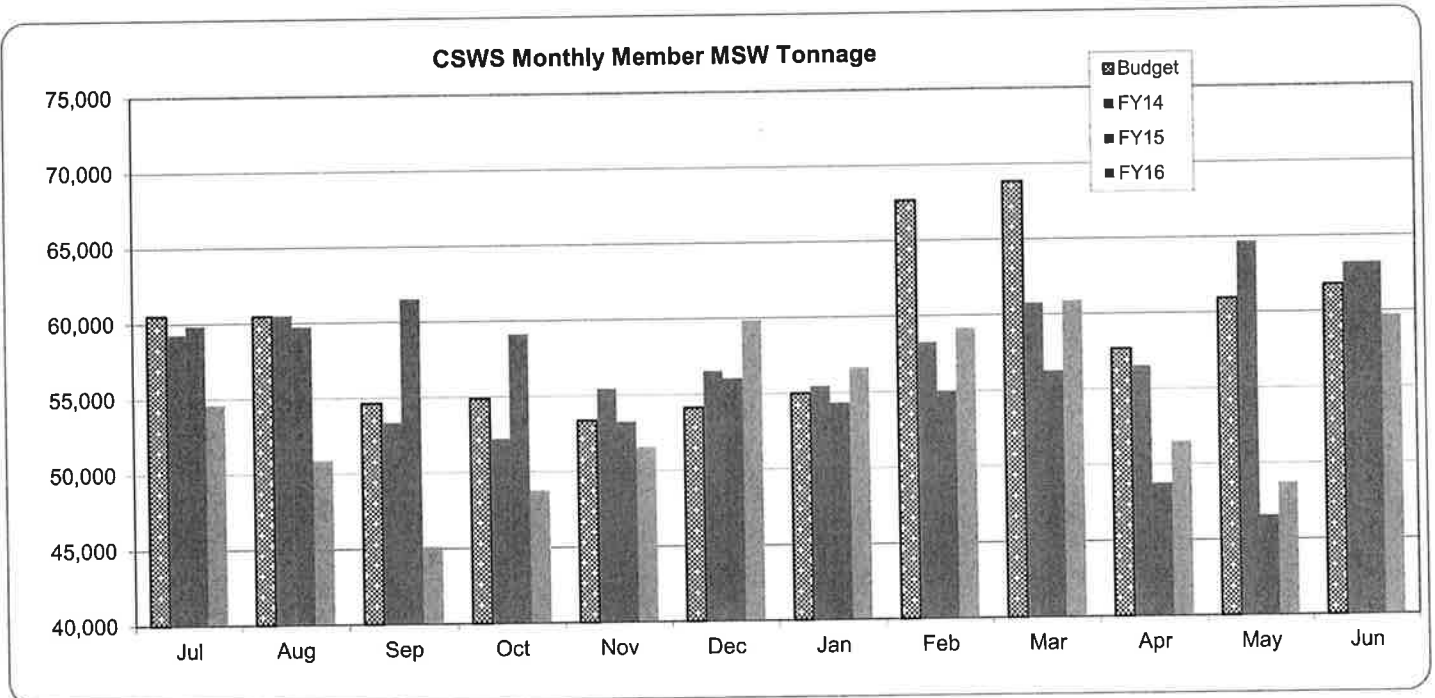
CSWS In-State Spot MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
TOTAL IN-STATE SPOT	47,794	24,533	(49%)	24,533	15,104	(38%)	0	0	-

CSWS Out-Of-State Spot MSW									
State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
TOTAL OUT-OF- STATE SPOT	1,506	1,669	11%	1,669	477	(71%)	0	0	-

CSWS Total MSW Deliveries									
Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Tier 1 Contracts	349,915	343,044	(2%)	348,245	346,503	(1%)	32,056	31,521	(2%)
Tier 2 Contracts	25,736	25,423	(1%)	12,955	13,214	2%	1,173	1,232	5%
Tier 3 Contracts	2,524	2,481	(2%)	2,481	2,413	(3%)	224	224	(0%)
Tier 4 Contracts	0	0	-	0	9,502	-	0	1,424	-
Non-Processible MSW	468	700	49%	700	1,300	86%	25	160	545%
Hauler Contracts	256,371	255,136	(0%)	255,136	251,487	(1%)	16,853	24,275	44%
Contract Deliveries	4,367	5,531	27%	5,531	6,258	13%	534	566	6%
In State Spot	47,794	24,533	(49%)	24,533	15,104	(38%)	0	0	-
Out-of-State Spot	1,506	1,669	11%	1,669	477	(71%)	0	0	-
TOTAL TONNAGE	688,680	658,517	(4%)	651,250	646,258	(1%)	50,865	59,401	17%

CSWS MSW Diversions And Exports									
Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
TS Diversions	0	0	-	0	0	-	0	0	-
TS Exports	0	7,697	-	7,697	3,612	(53%)	3,005	0	(100%)
WPF Diversions	0	0	-	0	0	-	0	0	-
WPF Exports	0	2,061	-	2,061	1,334	(35%)	565	0	(100%)
TOTAL TONNAGE	0	9,758	-	9,758	4,947	(49%)	3,570	0	(100%)

CSWS MSW Trends



Connecticut Solid Waste System
June 2016 Monthly Customer Recyclables Deliveries
CSWS Tier 1 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Avon	2,036	2,096	3%	2,096	2,115	1%	211	193	(8%)
Beacon Falls	335	321	(4%)	321	373	16%	20	31	50%
Bethlehem	336	330	(2%)	330	346	5%	28	26	(7%)
Bloomfield	1,813	1,717	(5%)	1,717	1,733	1%	151	159	6%
Canaan	103	90	(13%)	90	90	0%	12	6	(48%)
Canton	979	971	(1%)	971	981	1%	79	88	12%
Clinton	998	1,148	15%	1,148	1,181	3%	113	107	(5%)
Colebrook	190	188	(1%)	188	179	(5%)	14	17	21%
Cornwall	145	147	2%	147	148	1%	6	9	43%
Deep River	429	425	(1%)	425	510	20%	33	37	13%
East Granby	482	442	(8%)	442	465	5%	37	37	(0%)
East Hampton	919	948	3%	948	1,012	7%	75	83	11%
Ellington	1,400	1,415	1%	1,415	1,426	1%	135	145	7%
Essex	718	658	(8%)	658	734	12%	53	73	38%
Farmington	2,444	2,281	(7%)	2,281	2,697	18%	199	237	19%
Glastonbury	3,617	3,687	2%	3,687	3,637	(1%)	302	305	1%
Goshen	315	320	2%	320	323	1%	25	26	3%
Granby	1,484	1,461	(2%)	1,461	1,457	(0%)	117	127	8%
Haddam	586	645	10%	645	683	6%	62	57	(8%)
Hartford	4,962	5,373	8%	5,373	5,600	4%	511	550	8%
Harwinton	530	515	(3%)	515	504	(2%)	41	49	20%
Killingworth	527	464	(12%)	464	472	2%	41	44	7%
Litchfield	0	0	-	0	814	-	0	72	-
Marlborough	713	684	(4%)	684	654	(4%)	70	40	(43%)
Middlebury	855	873	2%	873	840	(4%)	75	74	(2%)
Norfolk	168	168	0%	168	169	1%	15	20	32%
North Canaan	206	231	12%	231	235	2%	22	20	(7%)
Old Saybrook	1,119	1,105	(1%)	1,105	1,082	(2%)	106	105	(1%)
Oxford	794	780	(2%)	780	668	(14%)	64	63	(0%)
Portland	571	610	7%	610	573	(6%)	47	55	18%
Rocky Hill	1,637	1,656	1%	1,656	1,692	2%	163	153	(6%)
Roxbury	203	184	(10%)	184	182	(1%)	10	20	97%
RRDD#1	1,798	1,799	0%	1,799	1,815	1%	159	167	5%
Salisbury-Sharon	0	1,079	-	1,079	1,053	(2%)	100	88	(13%)
Torrington	2,942	3,004	2%	3,004	2,956	(2%)	275	268	(3%)
Watertown	1,827	1,758	(4%)	1,758	1,706	(3%)	152	154	1%
Wethersfield	2,804	2,710	(3%)	2,710	2,775	2%	234	251	7%
Woodbury	818	901	10%	901	840	(7%)	75	72	(5%)
TOTAL TIER 1 MUNICIPALITIES	41,805	43,193	3%	43,193	44,722	4%	3,832	4,026	5%

CSWS Tier 3 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
Thomaston	442	561	27%	561	623	11%	52	59	13%
TOTAL TIER 3 MUNICIPALITIES	442	561	27%	561	623	11%	52	59	13%

CSWS Tier 4 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
East Hartford	0	0	-	0	2,333	-	0	319	-
TOTAL TIER 4 MUNICIPALITIES	0	0	-	0	2,333	-	0	319	-

CSWS Hauler Contract Recycling

	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
TOTAL HAULER CONTRACT	11,881	8,033	(32%)	8,033	9,711	21%	816	897	10%

CSWS Contractor Sourced Recycling

	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
TOTAL CONTRACTOR SOURCED	8,441	12,506	48%	12,506	14,896	19%	1,169	1,081	(8%)

CSWS In-State Spot Recycling

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
TOTAL IN-STATE SPOT	823	0	(100%)	0	0	-	0	0	-

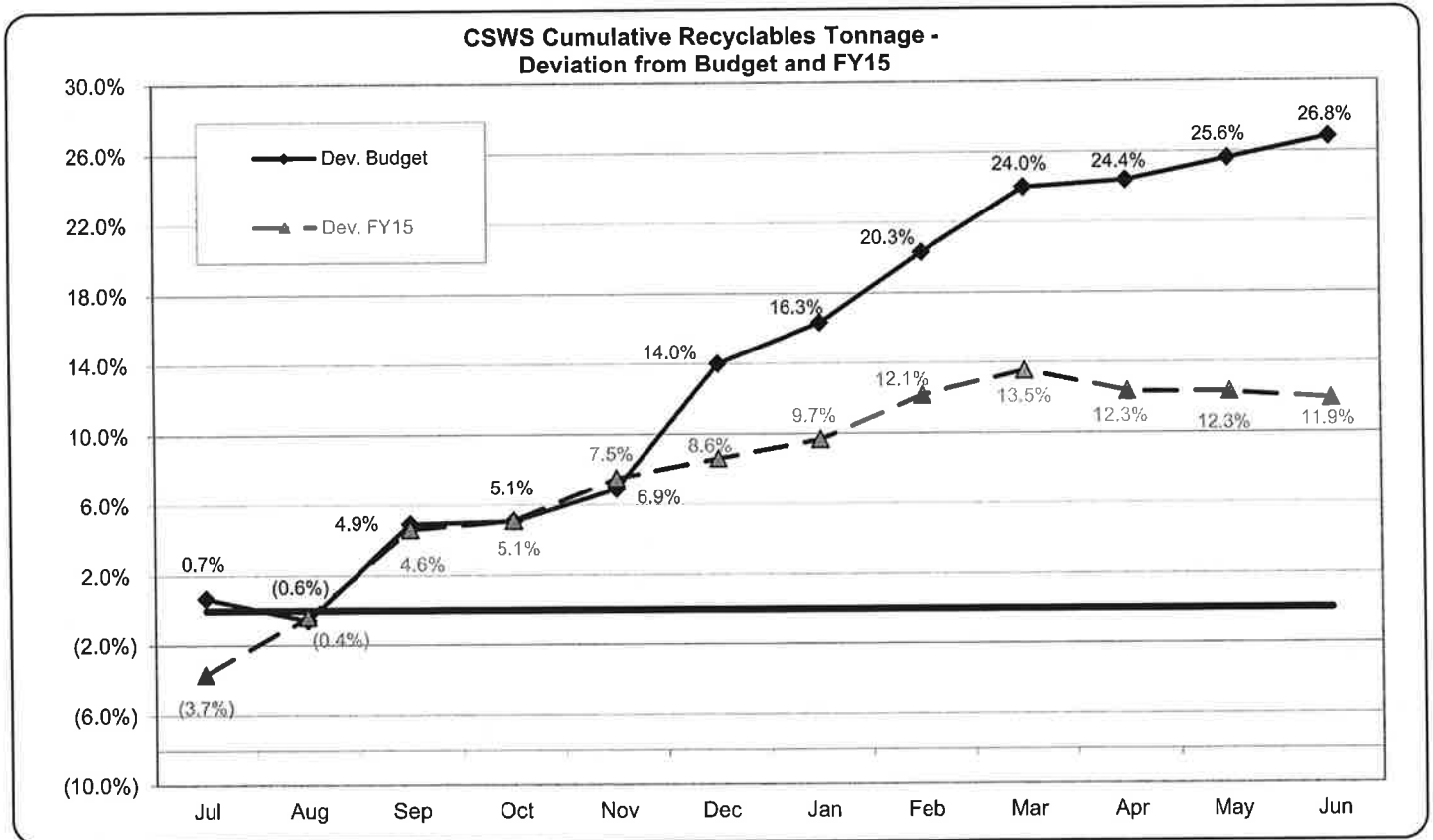
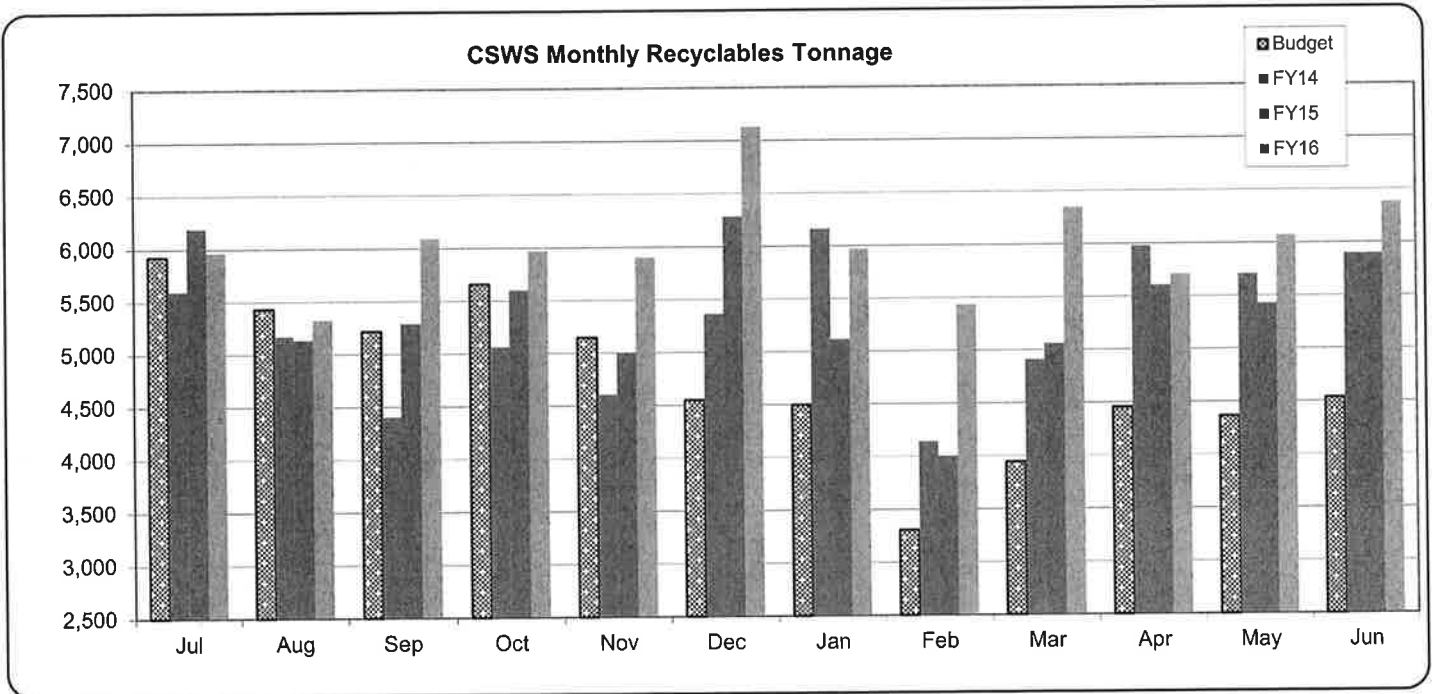
CSWS Out-Of-State Spot Recycling

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
TOTAL OUT-OF-STATE SPOT	822	0	(100%)	0	0	-	0	0	-

CSWS Total Recycling Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	Jun 15	Jun 16	Change
Participating	42,247	43,754	4%	43,754	45,345	4%	3,884	4,403	13%
Hauler Contract	11,881	8,033	(32%)	8,033	9,711	21%	816	897	10%
Contractor Sourced	8,441	12,506	48%	12,506	14,896	19%	1,169	1,081	(8%)
In-State Spot	823	0	(100%)	0	0	-	0	0	-
Out-of-State Spot	822	0	(100%)	0	0	-	0	0	-
TOTAL TONNAGE	64,213	64,293	0%	64,293	69,951	9%	5,869	6,380	9%

CSWS Recyclables Trends



SOUTHEAST PROJECT
June 2016 Monthly Customer MSW Deliveries
Southeast Project Member Towns MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
East Lyme									
Town	9,989	10,045	1%	10,045	10,016	(0%)	955	953	(0%)
Prison	561	567	1%	567	548	(3%)	46	44	(3%)
East Lyme Total	10,550	10,611	1%	10,611	10,564	(0%)	1,000	997	(0%)
Griswold	4,361	4,002	(8%)	4,002	3,940	(2%)	334	336	0%
Groton	27,041	25,285	(6%)	25,285	26,568	5%	2,351	2,491	6%
Ledyard	5,976	5,898	(1%)	5,898	6,140	4%	584	550	(6%)
Montville			-			-			
Town	7,960	7,609	(4%)	7,609	8,131	7%	726	815	12%
Prison	611	697	14%	697	624	(10%)	52	49	(5%)
Mohegan Sun	7,587	6,656	(12%)	6,656	6,816	2%	562	607	8%
Montville Total	16,157	14,961	(7%)	14,961	15,572	4%	1,340	1,470	10%
New London	20,786	19,423	(7%)	19,423	19,842	2%	1,702	1,914	12%
N. Stonington	2,634	2,830	7%	2,830	3,059	8%	333	282	(15%)
Norwich	23,846	21,912	(8%)	21,912	21,731	(1%)	1,966	1,925	(2%)
Sprague	952	989	4%	989	1,070	8%	92	108	17%
Stonington	11,870	11,905	0%	11,905	12,867	8%	1,157	1,267	10%
Waterford	11,450	11,348	(1%)	11,348	12,811	13%	1,108	1,150	4%
Fisher Island	287	277	(3%)	277	283	2%	28	29	5%
TOTAL MEMBER TOWN	135,911	129,442	(5%)	129,442	134,446	4%	11,995	12,519	4%

Southeast Project In-State Spot MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
CRRA	0	7,351	-	7,351	3,771	(49%)	2,742	0	(100%)
Preston	1,929	1,915	(1%)	1,915	1,914	(0%)	179	188	5%
TOTAL IN-STATE SPOT	1,929	9,266	380%	9,266	5,685	(39%)	2,921	188	(94%)

Southeast Project Member Towns And In-State Spot MSW

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Member Towns	135,911	129,442	(5%)	129,442	134,446	4%	11,995	12,519	4%
In-State Spot	1,929	9,266	380%	9,266	5,685	(39%)	2,921	188	(94%)
TOTAL MEMBER & IN-STATE SPOT	137,840	138,707	1%	138,707	140,131	1%	14,916	12,707	(15%)

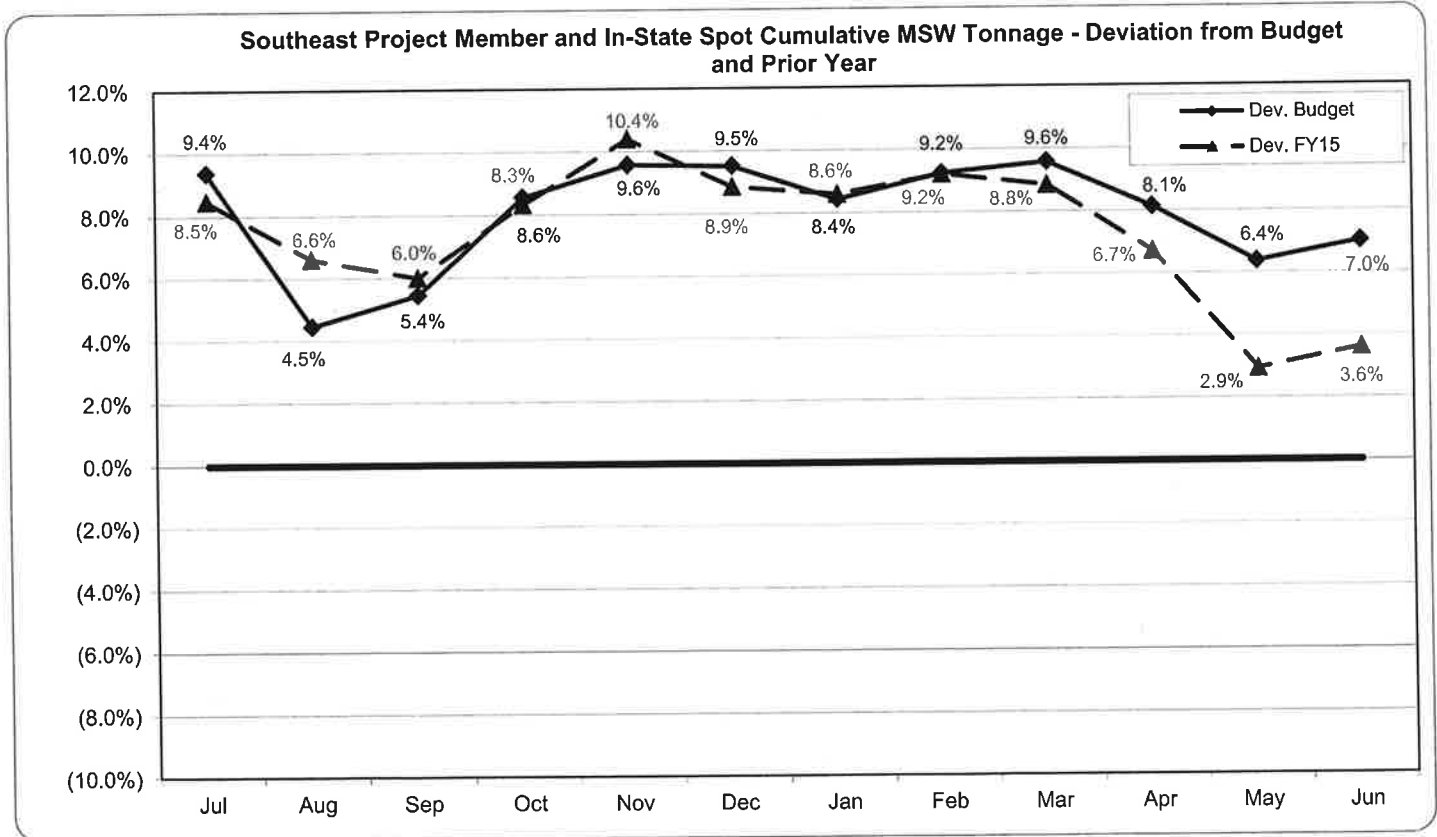
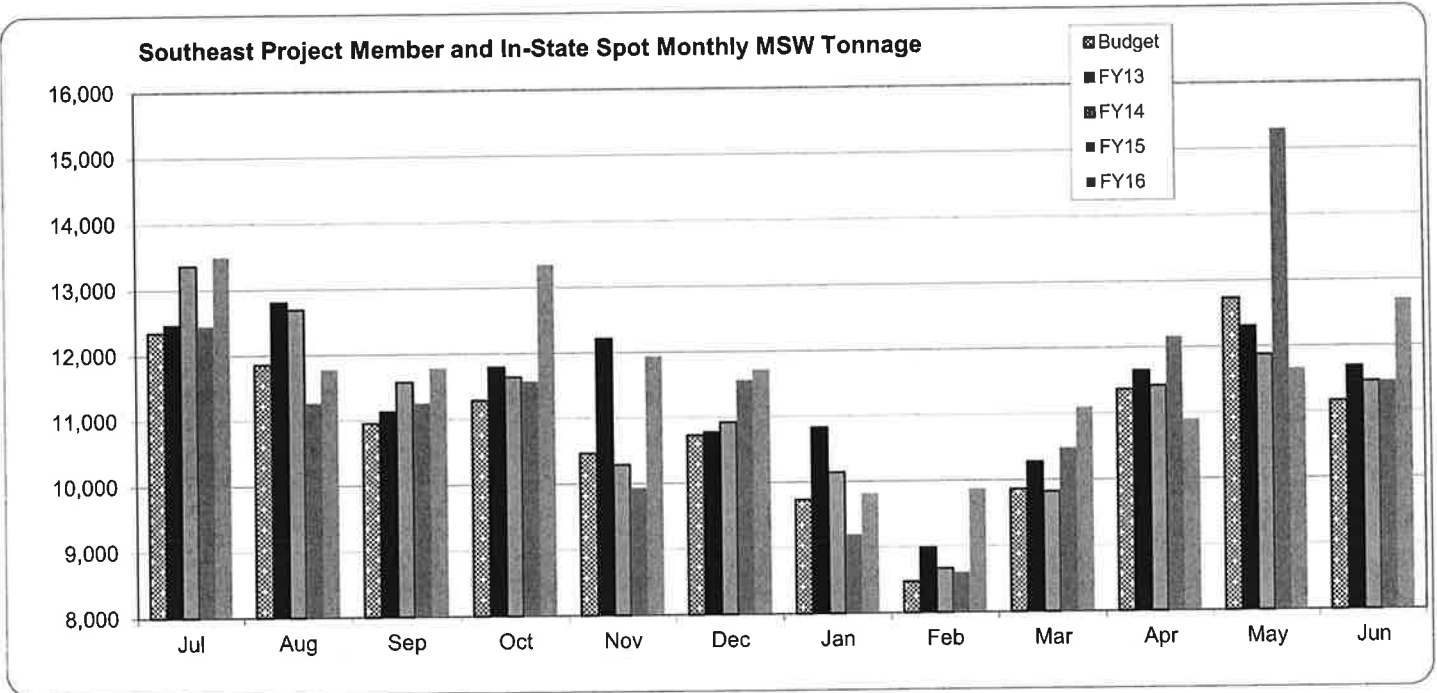
Southeast Project Company MSW Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Various	158,214	122,971	(22%)	122,971	137,787	12%	8,322	12,882	55%
TOTAL COMPANY	158,214	122,971	(22%)	122,971	137,787	12%	8,322	12,882	55%

Southeast Project Total MSW Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	Jun 15	Jun 16	Growth
Member Towns	135,911	129,442	(5%)	129,442	134,446	4%	11,995	12,519	4%
In-State Spot	1,929	9,266	380%	9,266	5,685	(39%)	2,921	188	(94%)
Company Deliveries	158,214	122,971	(22%)	122,971	137,787	12%	8,322	12,882	55%
TOTAL TONNAGE	296,054	261,678	(12%)	261,678	277,918	6%	23,238	25,589	10%

Southeast Project MSW Trends



TAB D

FISCAL YEAR 2016 LEGAL REQUESTS FOR SERVICES

FIRM/BOARD APPROVAL	Matter	RFS Amount	Amount Incurred July - April 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	\$ 73,362	O
\$95,000.00		\$ 95,000	\$ 73,362	
Day Pitney	NPDES Permitting Support	\$ -	\$ -	A
\$20,000.00		\$ -	\$ -	
Halloran & Sage	GC - Authority Budget	\$ 200,000	\$ 24,801	O
\$1,025,000.00	Property Division	\$ 10,000	\$ 3,685	O
	MDC Arbitration	\$ 250,000	\$ 243,272	O
	CSWS	\$ 50,000	\$ 15,715	O
	Hartford Landfill Solar Array	\$ 75,000	\$ 49,022	C
	FOIA Complaint	\$ 30,000	\$ 25,207	O
	Mid-CT Ongoing	\$ 1,750	\$ 1,733	C
	Southeast Project	\$ 55,000	\$ 35,045	O
		\$ 671,750	\$ 398,479	
Kainen, Escalera & McHale	Employment	\$ 25,000	\$ 3,761	O
\$475,000.00	MDC Arbitration	\$ 200,000	\$ 74,801	O
		\$ 225,000	\$ 78,562	
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:		\$ 1,066,750	\$ 601,997	
\$1,725,000.00				

Status*

O = Ongoing

C = Concluded

A = Anticipated

TAB E



Final MIRA Education Report – May/June 2016

Group Visits - 1,169
Walk-in public – 180/801
Outreach - 50

Total – 2,200

Ongoing Staff Activities

May 11 – SM & TG met with accounting, legal and HR to discuss TM closing work plan

May 13 – PG exhibited at Avon Sustainability event, High School, 50 participants

May 17 – SM conducted tour for Horst Engineering Green Team, 10 participants

June

- **Activities and several exhibits donated to Hartford DPW**
- **Craft items and a few exhibits donated to Milner School**
- **E-mail sent to Museums regarding exhibits**
- **Interest in Exhibits from Children’s Science Center, West Hartford**
- **Exhibits inventoried**
- **Gift Shop items inventoried and closed out**

- **Many positive comments from teachers and customers on file**