

Materials Innovation and Recycling Authority

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Materials Innovation and Recycling Authority

Regular Board of Directors

Supplemental Information

June 23, 2016

I. Finance

Informational Reports (Period ending April 30, 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	

II. Summary of Project Activities

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

III. Communications

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

TAB A

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

As indicated in this report, total operating revenue for April was \$4.74 million (5% below budget). April revenue deficits were concentrated in Member Town Waste, Electricity Sales and Metal Sales. These deficits were partially offset by a surplus in Other Energy Markets primarily representing the sale of quarterly Class II RECs generated by the plant. Total operating expenses were \$4.02 million (19% under budget) in April. 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. 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 \$3.65 million which is \$4.67 million worse than budget. Reserve contributions are \$8.79 million (on budget). See "MIRA Cash Flow" for additional information. The \$1.6 million CSWS expense budget reduction adopted in December has been implemented in the financial reporting and purchasing systems.

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, 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 April bringing the total price for all CSWS energy down to \$0.0409 / Kwh which is approximately 86% of the level budgeted. Year to date price is now 29% below budget. Plant production of energy was 4.0% above budget in April bringing year to date production to 8% under budget. The plant operated at full capacity (all boilers and turbines running uninterrupted) for 14 out of 30 days. Boiler 11 was down for 11 days for valve and tube leaks in addition to the major outage. Boiler 12 was down for 5 days for tube leaks and a cleaning outage. Boiler 13 was down 3 days for furnace membrane issues and tube leaks. Turbine 6 was down for 7 consecutive days for condenser and cooler work. Price and production combine to produce a \$6.14 million (35%) shortfall in electricity revenue year to date. In comparison to this period of fiscal year 2015, year to date plant production of electricity is down by 1%, year to date price is down 17% and year to date electricity sales revenue is down 18%.

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.

April deliveries totaled 50,655 tons which is 1,360 tons (2.6%) below budget. Year to date deliveries are now 42,006 tons (7.3%) under budget. All categories of waste other than Waste Haulers are under budget. The per ton prices for Other Contract waste are \$0.55 per ton above budget year to date and down in comparison to 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 5.6% below budget on a year to date basis.



BOARD OF DIRECTORS FINANCIAL REPORT
PERIOD ENDING **April 30, 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 12% below budget in April. Delivery revenue was actually 25% above budget due to both CSWS and FCR sourced single stream and commercial tonnage exceeding budget. **CSWS deliveries were 14% above budget and FCR deliveries were 62% above budget in April.** However, export revenue was 70% below budget. Depressed prices for residential containers is the main cause of this shortfall. MIRA was paid \$0 for residential container exports in April. ONP and OCC prices are down as well. Year to date CSWS - sourced recyclable tonnage is 23% 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 April due to severely depressed pricing. The average per ton price for metals is 65% below budget year to date. Year to date revenue from metal sales and excess residue is 61% 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 1% above budget in April with no activity in terms of real time energy or reserve credits. Operating expenses were 42% below budget in April. On a year to date basis, operating revenues and expenses are 25% and 27% better than budget, respectively. Total operating income for the Property Division is 75% 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 \$599,002 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 \$607,916. After the distribution of April receipts, \$5,253,245 remained due to the Tip Fee Stabilization Fund from CSWS.

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: **April 30, 2016**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
REVENUES								
Member Towns	\$ 2,126,984	\$ 1,855,116	\$ (271,868)	-13%	\$ 19,467,184	\$ 19,233,491	\$ (233,693)	-1%
Other Contracts	\$ 234,891	\$ 314,777	\$ 79,886	34%	\$ 4,244,751	\$ 3,806,899	\$ (437,852)	-10%
Hauler Contracts	\$ 873,216	\$ 897,389	\$ 24,173	3%	\$ 8,195,584	\$ 8,682,294	\$ 486,710	6%
Spot Waste	\$ -	\$ 48,062	\$ 48,062	#DIV/0!	\$ 2,341,080	\$ 604,973	\$ (1,736,107)	-74%
Other Operating Charges	\$ -	\$ -	\$ -	n/a	\$ -	\$ (4,850)	\$ (4,850)	n/a
Member Service Fee	\$ 4,534	\$ 3,266	\$ (1,268)	-28%	\$ 42,106	\$ 28,514	\$ (13,592)	-32%
Metal Sales & Excess Residue	\$ 155,102	\$ 83,073	\$ (72,029)	-46%	\$ 1,551,021	\$ 611,824	\$ (939,197)	-61%
Bulky Waste	\$ 6,083	\$ 24,193	\$ 18,110	298%	\$ 60,830	\$ 97,563	\$ 36,733	60%
Recycling Facility	\$ 98,039	\$ 86,046	\$ (11,992)	-12%	\$ 1,025,206	\$ 878,239	\$ (146,967)	-14%
Electricity Sales	\$ 1,334,463	\$ 1,196,859	\$ (137,604)	-10%	\$ 17,778,368	\$ 11,635,418	\$ (6,142,950)	-35%
Other Energy Markets	\$ 158,583	\$ 230,263	\$ 71,680	45%	\$ 1,585,830	\$ 1,747,292	\$ 161,462	10%
Misc. (Interest, Fees, Other)	\$ 861	\$ 1,245	\$ 384	45%	\$ 26,773	\$ 51,850	\$ 25,077	94%
TOTAL ACCRUED REVENUES	\$ 4,992,756	\$ 4,740,290	\$ (252,466)	-5%	\$ 56,318,733	\$ 47,373,507	\$ (8,945,226)	-16%
EXPENDITURES								
Administrative Expenses	\$ 207,271	\$ 229,327	\$ (22,056)	-11%	\$ 2,591,176	\$ 2,272,231	\$ 318,945	12%
Operational Expenses	\$ 260,683	\$ 170,306	\$ 90,377	35%	\$ 2,838,832	\$ 1,666,246	\$ 1,172,586	41%
PILOTs & Fees	\$ 222,666	\$ 211,496	\$ 11,170	5%	\$ 2,241,660	\$ 2,164,362	\$ 77,298	3%
Waste Transport	\$ 957,532	\$ 957,376	\$ 156	0%	\$ 11,122,815	\$ 10,731,764	\$ 391,051	4%
Recycling Facility	\$ 44,182	\$ 57,877	\$ (13,695)	-31%	\$ 639,820	\$ 610,873	\$ 28,947	5%
Murphy Road Operations	\$ 10,608	\$ 10,608	\$ (0)	0%	\$ 106,080	\$ 106,082	\$ (2)	0%
MIRA Facilities Operating Exp.	\$ 66,845	\$ 48,868	\$ 17,977	27%	\$ 700,610	\$ 770,432	\$ (69,822)	-10%
NAES Contract Operating Charges	\$ 2,894,203	\$ 2,028,052	\$ 866,151	30%	\$ 24,585,048	\$ 22,267,858	\$ 2,317,190	9%
NAES On-Site Incentive Comp.	\$ 77,536	\$ 76,583	\$ 953	1%	\$ 763,798	\$ 765,833	\$ (2,035)	0%
NAES Management Fees	\$ 99,584	\$ 89,627	\$ 9,957	10%	\$ 995,840	\$ 1,011,425	\$ (15,585)	-2%
Transfer Station - Ellington	\$ 1,332	\$ 1,135	\$ 197	15%	\$ 13,320	\$ 10,120	\$ 3,200	24%
Transfer Station - Essex	\$ 47,575	\$ 47,341	\$ 234	0%	\$ 475,750	\$ 456,136	\$ 19,614	4%
Transfer Station - Torrington	\$ 45,508	\$ 44,830	\$ 678	1%	\$ 455,080	\$ 436,059	\$ 19,021	4%
Transfer Station - Watertown	\$ 47,250	\$ 46,859	\$ 391	1%	\$ 472,500	\$ 452,983	\$ 19,517	4%
TOTAL ACCRUED EXPENDITURES	\$ 4,982,775	\$ 4,020,285	\$ 962,490	19%	\$ 48,002,329	\$ 43,722,404	\$ 4,279,925	9%
OPERATING INCOME								
(Before Reserves / Transfers)	\$ 9,981	\$ 720,004	\$ 710,024	7114%	\$ 8,316,404	\$ 3,651,103	\$ (4,665,301)	-56%
DISTRIBUTION OF CSWS OPERATING INCOME								
Debt Service Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Improvement Fund	\$ 613,818	\$ 613,818	\$ -	0%	\$ 8,791,992	\$ 8,791,992	\$ -	0%
CSWS Risk Fund	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
CSWS Legal Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Severance Reserve	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
TOTAL DISTRIBUTIONS	\$ 613,818	\$ 613,818	\$ -	0%	\$ 8,791,992	\$ 8,791,992	\$ -	0%
SURPLUS / (DEFICIT)	\$ (603,837)	\$ 106,186	\$ 710,024	-118%	\$ (475,588)	\$ (5,140,889)	\$ (4,665,301)	981%

Materials Innovation and Recycling Authority
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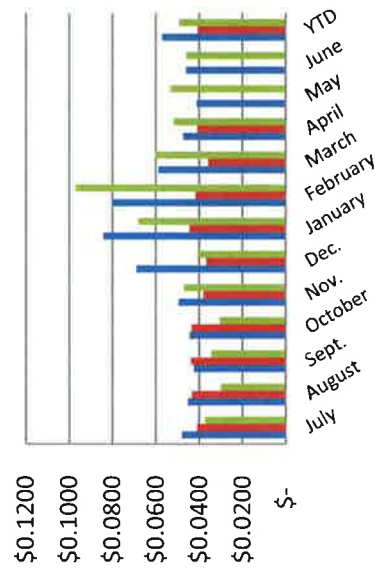
CSWS Electricity Production

Period Ending:

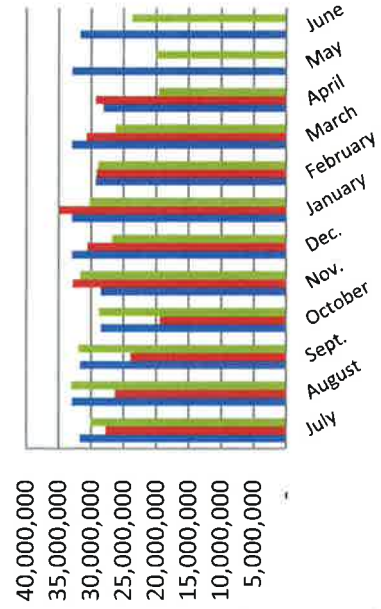
April 30, 2016

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	-	n/a	32,993,831		n/a	\$ 1,364,117		n/a
June	\$ 0.0462	-	n/a	31,786,559		n/a	\$ 1,469,574		n/a
YTD	\$ 0.0573	\$ 0.0408	\$ (0.0165)	310,219,610	285,073,320	(25,146,290)	17,778,368	11,635,418	\$ (6,142,950)
YTD % Var.			-29%			-8%			-35%

Price / KWh



Production (KWh)



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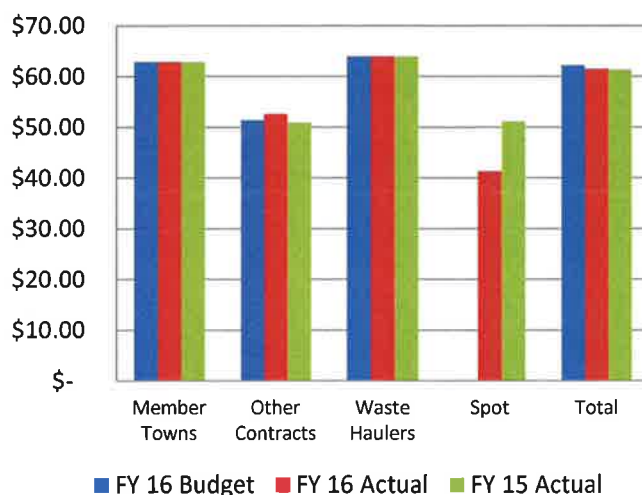
CSWS Solid Waste Summary

Period Ending:

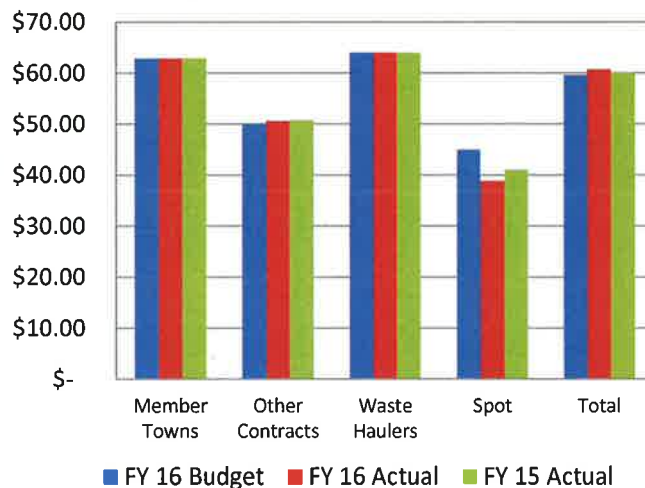
April 30, 2016

	Current Month			Year To Date		
FY 16 Budget	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	33,804	\$ 2,126,984	\$ 62.92	309,465	\$ 19,467,184	\$ 62.91
Other Contracts	4,567	\$ 234,891	\$ 51.43	84,730	\$ 4,244,751	\$ 50.10
Waste Haulers	13,644	\$ 873,216	\$ 64.00	128,056	\$ 8,195,584	\$ 64.00
Spot	-	\$ -	\$ -	52,024	\$ 2,341,080	\$ 45.00
Total	52,015	\$ 3,235,091	\$ 62.20	574,275	\$ 34,248,599	\$ 59.64
FY 16 Actual	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	29,486	\$ 1,855,116	\$ 62.92	305,857	\$ 19,233,491	\$ 62.88
Other Contracts	5,985	\$ 314,777	\$ 52.59	75,170	\$ 3,806,899	\$ 50.64
Waste Haulers	14,022	\$ 897,389	\$ 64.00	135,661	\$ 8,682,294	\$ 64.00
Spot	1,162	\$ 48,062	\$ 41.36	15,581	\$ 604,973	\$ 38.83
Total	50,655	\$ 3,115,344	\$ 61.50	532,269	\$ 32,327,657	\$ 60.74
Variance	Tons	Revenue	Price	Tons	Revenue	Price
Member Towns	(4,318)	\$ (271,868)	\$ (0.01)	(3,608)	\$ (233,693)	\$ (0.02)
Other Contracts	1,418	\$ 79,886	\$ 1.16	(9,560)	\$ (437,852)	\$ 0.55
Waste Haulers	378	\$ 24,173	\$ -	7,605	\$ 486,710	\$ -
Spot	1,162	\$ 48,062	\$ 41.36	(36,443)	\$ (1,736,107)	\$ (6.17)
Total	(1,360)	\$ (119,747)	\$ (0.69)	(42,006)	\$ (1,920,942)	\$ 1.10
Total % Var.	-2.6%	-3.7%	-1.1%	-7.3%	-5.6%	1.8%

Current Month Average Price / Ton



YTD Average Price / Ton



CSWS Recycling Facility (Deliveries)

Period Ending:

April 30, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 59,377	\$ 74,288	\$ 14,911	\$ 540,866	\$ 659,249	\$ 118,383
Export Revenue	\$ 38,661	\$ 11,758	\$ (26,903)	\$ 484,340	\$ 218,990	\$ (265,350)
Total	\$ 98,039	\$ 86,046	\$ (11,992)	\$ 1,025,206	\$ 878,239	\$ (146,967)
Total % Var.			-12%			-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	110.87	\$ 8.50	\$ 942	-	#DIV/0!	\$ -	\$ 942
Residential Single	4,699.48	\$ 8.50	\$ 39,946	1,442	\$ 7.50	\$ 10,816	\$ 50,762
Commercial	7.27	\$ -	\$ -	102	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	364	\$ 62.00	\$ 22,584	\$ 22,584
Total	4,817.62	\$ 8.49	\$ 40,888	1,909	\$ 17.50	\$ 33,400	\$ 74,288
Current Month Variance							
Residential Dual	52.92	-	450	-	#DIV/0!	-	\$ 450
Residential Single	527.95	-	4,488	623	-	4,670	\$ 9,157
Commercial	0.50	-	-	22	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	88	(1)	5,304	\$ 5,304
Total	581.37	\$ 0.00	\$ 4,937	733	#DIV/0!	\$ 9,973	\$ 14,911

Year To Date Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	527.98	\$ 8.50	\$ 4,488	-	\$ 7.50	\$ -	\$ 4,488
Residential Single	38,012.57	\$ 8.50	\$ 323,107	7,467	\$ 7.50	\$ 56,002	\$ 379,109
Commercial	61.69	\$ -	\$ -	733	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	2,513	\$ 62.58	\$ 157,270	\$ 157,270
Total	38,602.24	\$ 8.49	\$ 327,594.68	10,713	\$ 19.91	\$ 213,272	\$ 540,866
Year To Date Actual							
Residential Dual	1,175.08	\$ 8.50	\$ 9,988	-	#DIV/0!	\$ -	\$ 9,988
Residential Single	46,298.87	\$ 8.50	\$ 393,540	11,168	\$ 7.50	\$ 83,757	\$ 477,297
Commercial	120.52	\$ -	\$ -	1,207	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	2,774	\$ 62.00	\$ 171,964	\$ 171,964
Total	47,594.47	\$ 8.48	\$ 403,528.58	15,148	\$ 16.88	\$ 255,720	\$ 659,249
Year To Date Variance							
Residential Dual	647.10	-	5,500	-	#DIV/0!	-	\$ 5,500
Residential Single	8,286.30	-	70,434	3,701	-	27,755	\$ 98,188
Commercial	58.83	-	-	474	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	261	(1)	14,694	\$ 14,694
Total	8,992.23	(0.01)	\$ 75,933.90	4,435	\$ (3.03)	\$ 42,449	\$ 118,383

CSWS Recycling Facility (Exports)

Period Ending:

April 30, 2016

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
Delivery Revenue	\$ 59,377	\$ 74,288	\$ 14,911	\$ 540,866	\$ 659,249	\$ 118,383
Export Revenue	\$ 38,661	\$ 11,758	\$ (26,903)	\$ 484,340	\$ 218,990	\$ (265,350)
Total	\$ 98,039	\$ 86,046	\$ (11,992)	\$ 1,025,206	\$ 878,239	\$ (146,967)
Total % Var.			-12%			-14%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	1,384.26	\$ 1.50	\$ 2,076	295	\$ 0.30	\$ 88	\$ 2,165
Residential OCC	545.43	\$ 17.47	\$ 9,531	116	\$ 3.00	\$ 348	\$ 9,879
Residential Containers	1,042.11	\$ 23.27	\$ 24,247	222	\$ 5.91	\$ 1,310	\$ 25,557
Commercial	6.77	\$ 47.36	\$ 321	80	\$ 9.19	\$ 739	\$ 1,060
Total	2,978.57	\$ 12.15	\$ 36,175	713	\$ 3.49	\$ 2,486	\$ 38,661
Current Month Actual							
Residential ONP	2,356.19	\$ -	\$ -	706	\$ -	\$ -	\$ -
Residential OCC	867.53	\$ 11.50	\$ 9,977	260	\$ 2.30	\$ 598	\$ 10,575
Residential Containers	1,495.62	\$ -	\$ -	448	\$ -	\$ -	\$ -
Commercial	7.27	\$ 48.48	\$ 352	102	\$ 8.13	\$ 831	\$ 1,183
Total	4,726.61	\$ 2.19	\$ 10,329	1,517	\$ 0.94	\$ 1,429	\$ 11,758
Current Month Variance							
Residential ONP	971.93	\$ (1.50)	(2,076)	412	\$ (0.30)	(88)	\$ (2,165)
Residential OCC	322.10	\$ (5.97)	446	144	\$ (0.70)	250	\$ 696
Residential Containers	453.51	\$ (23.27)	(24,247)	227	\$ (5.91)	(1,310)	\$ (25,557)
Commercial	0.50	\$ 1.12	32	22	\$ (1.06)	92	\$ 123
Total	1,748.04	\$ (9.96)	\$ (25,846)	804	\$ (2.55)	\$ (1,057)	\$ (26,903)

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	16,611.10	\$ 1.50	\$ 24,917	3,534	\$ 0.30	\$ 1,060	\$ 25,977
Residential OCC	6,545.13	\$ 17.48	\$ 114,379	1,393	\$ 3.00	\$ 4,178	\$ 118,557
Residential Containers	12,505.29	\$ 25.15	\$ 314,447	2,661	\$ 5.90	\$ 15,700	\$ 330,147
Commercial	61.69	\$ 47.36	\$ 2,922	733	\$ 9.19	\$ 6,737	\$ 9,659
Total	35,723.21	\$ 12.78	\$ 456,664	8,321	\$ 3.33	\$ 27,675	\$ 484,340
Year To Date Actual							
Residential ONP	21,509.73	\$ -	\$ -	5,080	\$ -	\$ -	\$ -
Residential OCC	8,858.96	\$ 12.48	\$ 110,589	2,095	\$ 2.50	\$ 5,241	\$ 110,589
Residential Containers	13,832.25	\$ 5.95	\$ 82,257	3,268	\$ 1.17	\$ 3,826	\$ 82,257
Commercial	120.52	\$ 57.31	\$ 6,907	1,207	\$ 8.43	\$ 10,169	\$ 6,907
Total	44,321.46	\$ 4.51	\$ 199,753	11,649	\$ 1.65	\$ 19,236	\$ 218,990
Year To Date Variance							
Residential ONP	4,898.63	\$ (1.50)	(24,917)	1,546	\$ (0.30)	(1,060)	\$ (25,977)
Residential OCC	2,313.83	\$ (4.99)	(3,790)	702	\$ (0.50)	1,063	\$ (2,727)
Residential Containers	1,326.96	\$ (19.20)	(232,190)	607	\$ (4.73)	(11,874)	\$ (244,064)
Commercial	58.83	\$ 9.95	3,986	474	\$ (0.76)	3,432	\$ 7,418
Total	8,598.25	\$ (8.28)	\$ (256,911)	3,329	\$ (1.67)	\$ (8,439)	\$ (265,350)

Period Ending: **April 30, 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	-	\$ -	n/a	n/a	n/a	n/a
June	1,806.25	\$ 146,269	\$ 80.98	-	\$ -	n/a	n/a	n/a	n/a
YTD	18,062.50	1,462,688	\$ 80.98	17,066.19	480,623	\$ 28.16	(996.31)	(982,064)	\$ (52.82)

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			n/a			
June	220.83	\$ 8,833	\$ 40.00			n/a			
YTD	2,208.33	88,333	\$ 40.00	3,280.01	131,200	\$ 40.00	1,071.68	42,867	-

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	-	-	n/a			
June	2,027.08	155,102	\$ 76.51	-	-	n/a			
YTD	20,270.83	1,551,021	\$ 76.51	20,346.20	611,824	\$ 30.07	75.37	(939,197)	(46.44)

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

[Narrative](#)

Property Division Monthly Financial Report

Period Ending: **April 30, 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	\$ 529,003	\$ 67,251	15%	\$ 4,617,520	\$ 5,190,439	\$ 572,919	12%
VARs Payments	\$ 3,533	\$ 4,010	\$ 477	14%	\$ 35,330	\$ 50,368	\$ 15,038	43%
Reserve Credits	\$ 50,000	\$ -	\$ (50,000)	n/a	\$ 500,000	\$ 869,421	\$ 369,421	74%
Real Time Energy	\$ 12,500	\$ -	\$ (12,500)	n/a	\$ 125,000	\$ 662,393	\$ 537,393	430%
Total Jets Electric	\$ 527,785	\$ 533,013	\$ 5,228	1%	\$ 5,277,850	\$ 6,772,621	\$ 1,494,771	28%
Lease Income:								
CSWS Murphy Road	\$ 10,608	\$ 10,608	\$ 0	0%	\$ 106,080	\$ 106,083	\$ 3	0%
Golf Center	\$ 1,513	\$ 1,513	\$ -	0%	\$ 15,125	\$ 13,613	\$ (1,513)	-10%
Wheelabrator Lease	\$ 35,958	\$ 35,946	\$ (12)	0%	\$ 359,580	\$ 325,024	\$ (34,556)	-10%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 42,350	\$ 42,350	\$ -	0%
Total Lease Income	\$ 48,079	\$ 48,067	\$ (12)	0%	\$ 523,135	\$ 487,069	\$ (36,066)	-7%
South Central Facility Capacity	\$ 5,417	\$ -	\$ (5,417)	n/a	\$ 54,170	\$ -	\$ (54,170)	n/a
Education & Trash Museum	\$ -	\$ 5,374	\$ 5,374	n/a	\$ -	\$ 31,950	\$ 31,950	n/a
Interest Income	\$ -	\$ -	\$ -	n/a	\$ 7,500	\$ 16,895	\$ 9,395	125%
TOTAL ACCRUED REVENUES	\$ 581,281	\$ 586,454	\$ 5,173	1%	\$ 5,862,655	\$ 7,308,535	\$ 1,445,880	25%
EXPENDITURES								
MIRA Non-Personnel Services	\$ 22,167	\$ 10,647	\$ 11,520	52%	\$ 221,670	\$ 128,062	\$ 93,608	42%
MIRA Personnel Services	\$ 64,138	\$ 58,804	\$ 5,334	8%	\$ 685,918	\$ 581,038	\$ 104,880	15%
Railroad Maintenance	\$ 875	\$ -	\$ 875	n/a	\$ 8,750	\$ 9,450	\$ (700)	-8%
211 Murphy Road Ops. Center	\$ 16,333	\$ 12,651	\$ 3,682	23%	\$ 163,330	\$ 115,411	\$ 47,919	29%
1410 Honey Spot Road	\$ 7,500	\$ 4,408	\$ 3,092	41%	\$ 75,000	\$ 47,742	\$ 27,258	36%
171 Murphy Road	\$ 3,417	\$ 1,561	\$ 1,856	54%	\$ 34,170	\$ 14,124	\$ 20,046	59%
Education & Trash Museum	\$ 417	\$ -	\$ 417	n/a	\$ 4,170	\$ 811	\$ 3,359	81%
South Central Facility Operating C	\$ 5,417	\$ -	\$ 5,417	n/a	\$ 54,170	\$ -	\$ 54,170	n/a
Jets Operating Charges	\$ 164,830	\$ 76,218	\$ 88,612	54%	\$ 1,660,870	\$ 1,239,811	\$ 421,059	25%
TOTAL ACCRUED EXPENDITURES	\$ 285,094	\$ 164,289	\$ 120,805	42%	\$ 2,908,048	\$ 2,136,450	\$ 771,598	27%
OPERATING INCOME (Before Reserves / Transfers)	\$ 296,187	\$ 422,165	\$ 125,978	43%	\$ 2,954,607	\$ 5,172,085	\$ 2,217,478	75%
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	\$ 422,165	\$ 125,978	43%	\$ 2,167,607	\$ 4,385,085	\$ 2,217,478	102%

Property Division and CSWS Flow of Funds

Period Ending: **April 30, 2016**
Transfer Date: **May 6, 2016**
Funding: **June 2016**

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 884,614.61	\$ (57.22)	\$ 884,557.39	\$ 1,000.00
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund*	\$ 2,309,720.43	\$ 769.67	\$ 183,318.26		\$ 285,555.33	\$ 2,412,727.17
PD General Fund	\$ 1,984,021.65	\$ 592.46				\$ 1,984,614.11
PD Improvement Fund	\$ 362,169.21		\$ 99,605.00			\$ 262,564.21
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 599,002.06	Combined Below
Total	\$ 4,655,911.29	\$ 1,362.13	\$ 282,923.26	\$ -	\$ 884,557.39	\$ 4,659,905.49
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 4,391,483.73		\$ 4,391,483.73	\$ 40,000.00
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF*	\$ 12,260,619.53	\$ 3,596.94	\$ 4,221,837.83		\$ 4,999,400.06	\$ 13,041,778.70
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
General Fund	\$ 1,034.89	\$ 0.32				\$ 1,035.21
CSWS Risk Fund	\$ 442,413.40	\$ 132.09				\$ 442,545.49
CSWS Legal Fund	\$ 602,001.50	\$ 179.78				\$ 602,181.28
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (607,916.33)	Combined Below
Total	\$ 13,309,944.33	\$ 3,909.13	\$ 4,221,837.83	\$ -	\$ 4,391,483.73	\$ 14,091,415.69
Combined	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Severance Fund	\$ 793,794.60	\$ 237.04			\$ -	\$ 794,031.64
CSWS Improvement Fund	\$ 4,309,264.39		\$ 3,996,644.00		\$ -	\$ 312,620.39
CSWS Tip Fee Stabilization	\$ 5,589,125.27	\$ 1,703.80			\$ (8,914.27)	\$ 5,581,914.80

* 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 \$57.22 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 April 30, 2016, \$3,757,637 in prepaid tip fees have been applied to pay customer invoices and \$3,757,851 remained available on customer accounts. After the distribution of April receipts, \$5,253,245 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:

April 30, 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	\$ 644,182	
Power Block Facility	\$ 9,995,397	
Recycling	\$ -	
Transfer Stations	\$ 237,807	
Rolling Stock	\$ -	
True Up Amounts Returned	\$ -	
Total Net YTD Purchase Orders		\$ 10,877,386
Equals: Unencumbered Year to Date Budget		\$ 304,618

Cash Reserve Analysis		
Period End Improvement Fund Cash Balance		\$ 312,620
+ FY Remaining Contributions	\$ -	
- Approved Expenditures Not Paid	\$ (8,000)	
- Unencumbered Budget (-)	\$ (304,618)	
Projected Year End Improvement Fund Balance		\$ 2
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		\$ 3,877

Reconciliation To Flow Of Funds Statement		
Period End Improvement Fund Cash Balance		\$ 312,620
Funding Due From Period End Receipts	\$ -	
Flow of Funds Statement Balance		\$ 312,620

⁽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 which remains under discussion with the vendor

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

Segmented Income Statement

DRAFT

Period Ending: April 30, 2016

	General Fund		Connecticut Solid Waste System		Mid-Connecticut Project		Southeast Project		Property Division		Landfill Division		Eliminations		Total	
Operating Revenues																
Service charges:																
Members	\$	-	\$	19,234	\$	-	\$	2,732	\$	-					\$	21,966
Others		-		13,249		-		5,723		-						18,972
Energy sales		-		13,383		-		9,343		-		81				29,580
Other operating revenues		-		1,480		-		413		-		14				1,907
Total Operating Revenues		-		47,346		-		17,798		-		95				72,425
Operating Expenses																
Solid waste operations		-		39,324		(15)		17,550		1,538		322		(2,006)		56,713
Maintenance and utilities		-		562		-		-		402		3		-		967
Closure and post-closure care of landfills		-		-		-		-		-		-		-		-
Legal services - external		-		(27)		308		74		-		36		-		391
Administrative and Operational services		-		3,293		290		396		581		24		-		5,684
Distribution to SCRRRA		-		-		-		5,875		-		-		-		5,875
Total Operating Expenses		-		43,152		583		23,895		2,521		385		(2,006)		69,630
Operating Income (Loss) before Depreciation and Amortization		-		4,194		(583)		(6,097)		4,665		(290)		2,006		2,795
Depreciation and amortization	16			-		103		392		13,786		-		-		14,297
Operating Income (Loss)	(16)			4,194		(686)		(6,489)		(9,121)		(290)		2,006		(11,502)
Non-Operating Revenues (Expenses)																
Investment income		-		27		15		11		17		-		-		70
Settlement costs		-		-		(550)		-		-		-		-		(550)
Settlement income		-		-		-		-		638		-		-		638
Other income (expenses)	101			1		-		-		(1,650)		-		-		(1,548)
Non-Operating Revenues (Expenses), net	101			28		(535)		11		(995)		-		-		(1,390)
Income (Loss) before Transfers	85			4,222		(1,221)		(6,478)		(10,116)		(290)		2,006		(12,892)
Contribution of initial working capital		-		-		-		-		-		-		-		-
Transfers in (out)		-		(4,643)		(1,512)		-		8,297		(136)		(2,006)		-
Change in Net Position	85			(421)		(2,233)		(6,478)		(1,819)		(426)		-		(11,792)
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			\$ 14,802		\$ 10,760		\$ 1,091		\$ 99,529		\$ 19,542		\$ -		\$ 147,562
RECONCILIATION TO VARIANCE REPORT:																
Add: Expenses paid from reserves		-		-		-		-		312		-		-		312
Add: revenue-Murphy road lease		-		-		-		-		106		-		-		106
Less expense: Murphy road lease	16			106		-		392		13,786		-		-		14,194
Add: Amortization		-		-		-		(3,145)		-		-		-		(3,145)
Less: GAAP Exp (Deferred for Budget)		-		-		-		-		254		-		-		718
add: Spare parts and fuel inventory adjustment		-		464		-		-		1,468		-		-		1,367
add: Capitalized expenses net of asset disposals	(101)			-		-		-		638		-		-		(1)
Less: Settlement income		-		-		-		-		-		-		-		-
Add: rounding		-		(1)		-		-		5,172		-		-		5,882
Operating Income (Loss) per Variance report		-		3,651		(2,941)		(2,941)		-		-		-		-

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

THE AUTHORITY - FINANCIAL RESULTS

For the Period Ending April 30, 2016

DETAILS		MONTH TO DATE				YEAR TO DATE			
		Budget	Actual	Variance		Budget	Actual	Variance	
Line	EXPENDITURES								
1	Total Personnel Services	\$ 367,332	\$ 354,293	\$ 13,039	3.55%	\$ 4,275,638	\$ 3,941,368	\$ 334,270	7.82%
2	LESS: MIRA Direct Personnel	\$ 155,228	\$ 99,133	\$ 56,095	36.14%	\$ 1,708,116	\$ 1,081,347	\$ 626,769	36.69%
3	Authority Indirect Personnel	\$ 212,104	\$ 255,160	\$ (43,056)	-20.30%	\$ 2,567,522	\$ 2,860,021	\$ (292,499)	-11.39%
4	ADD: Authority Indirect Non-Personnel Services	\$ 103,769	\$ 55,580	\$ 48,189	46.44%	\$ 1,269,362	\$ 666,197	\$ 603,165	47.52%
5	LESS: Miscellaneous Income	\$ -	\$ -	\$ -	0.00%	\$ -	\$ 19,145	\$ 19,145	0.00%
SUBTOTAL AUTHORITY ALLOCATION		\$ 315,873	\$ 310,740	\$ 5,133	1.62%	\$ 3,836,884	\$ 3,507,073	\$ 329,811	8.60%
AUTHORITY ALLOCATION									
6	Mid-Connecticut Post Project Closure	\$ 25,691	\$ 28,495	\$ (2,804)	-10.91%	\$ 322,162	\$ 282,355	\$ 39,807	12.36%
7	Southeast Project	\$ 35,769	\$ -	\$ 35,769	100.00%	\$ 324,495	\$ 396,036	\$ (71,541)	-22.05%
8	Property Division	\$ 45,128	\$ 50,029	\$ (4,901)	-10.86%	\$ 565,884	\$ 495,703	\$ 70,181	12.40%
9	Landfill Division	\$ 2,594	\$ 2,890	\$ (296)	-11.42%	\$ 32,524	\$ 28,597	\$ 3,926	12.07%
10	Connecticut Solid Waste System (CSWS)	\$ 206,692	\$ 229,327	\$ (22,635)	-10.95%	\$ 2,591,819	\$ 2,304,383	\$ 287,435	11.09%
SUBTOTAL ALLOCATED		\$ 315,874	\$ 310,741	\$ 5,133	1.63%	\$ 3,836,884	\$ 3,507,075	\$ 329,809	8.60%
TOTAL EXPENDITURES		\$ 471,101	\$ 409,873	\$ 61,228	13.00%	\$ 5,545,000	\$ 4,588,420	\$ 956,580	17.25%

Line YTD VARIANCE EXPLANATION

- Reflects total amount for MIRA Direct and Authority Indirect Personnel; Favorable due to timing of yearend accruals and reduction in budgeted positions.
- Favorable due to timing of employee benefits costs, which are being charged 100% to the Authority budget, and reduction in budgeted positions.
- 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.
- 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

April 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 April 30, 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)	\$ 338,200	\$ 454,409	\$ (116,209)	\$ 405,800
SCRRRA Administrative Expenses (e)	\$ 407,500	\$ 407,500	\$ -	\$ 978,000
Resources Recovery Facility (RRF) (b)	\$ 6,701,000	\$ 7,522,571	\$ (821,571)	\$ 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	\$ 43,000	\$ 43,000	\$ -	\$ 85,817
* TOTAL EXPENDITURES	\$ 14,049,768	\$ 14,917,145	\$ (867,376)	\$ 33,038,781
SURPLUS/(DEFICIT)	\$ (1,659,668)	\$ (2,634,108)	\$ (974,439)	\$ -
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 SCRRRA, 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.

YEAR-END AUDIT SCHEDULE **FISCAL YEAR 2016**

<u>WEEK OF:</u>	INTERIM AUDIT FIELDWORK COMMENCED	INTERVIEWS AND WALKTHROUGHS		<u>RESPONSIBILITY</u>
6/6				AUDITORS
6/20	NAES EXPENSES AUDIT SAMPLING			AUDITORS/ MIRA ACCOUNTING STAFF
6/27	SPARE PARTS INVENTORIES SAMPLING			AUDITORS/ MIRA ACCOUNTING STAFF
7/11	YEAR END ACCRUALS PROVIDED TO ACCOUNTING BY INCLUDING MID CONNECTICUT ACCRUALS REVIEW		7/14/2016	MIRA EMPLOYEES MD/DK
7/18	AUDITOR DISCUSSION WITH FINANCE COMMITTEE		7/21/2016	AUDITORS
8/8	FINAL AUDIT FIELDWORK COMMENCED			AUDITORS
8/1 through 9/12	DRAFT MANAGEMENT DISCUSSION AND ANALYSIS (MD&A)			MD
8/15	DRAFT FINANCIAL STATEMENTS, CASH FLOWS, MD&A, NOTES TO AUDITORS			MD/DK/ACCOUNTING
9/5	MANAGEMENT REPRESENTATION LETTER PROVIDED TO MIRA DRAFT FINANCIAL STATEMENTS COMMENTS TO DK DRAFT AUDITED FINANCIAL REPORT FINALIZATION FOR FINANCE PACKAGE DRAFT AUDITOR'S REPORT TO DK			AUDITORS AUDITORS/MD/ID DK AUDITORS
9/12	MANAGEMENT REPRESENTATION LETTER REVIEW AND SIGN OFF AUDITED FINANCIAL REPORT PRESENTATION TO FINANCE COMMITTEE		9/15/2016	MD AUDITORS
9/19	AUDITED FINANCIAL REPORT PRESENTATION TO BOARD DRAFT MANAGEMENT LETTER FINAL AUDIT REPORT (PRINTED BOOKS) TO DK		9/22/2016	AUDITORS AUDITORS AUDITORS
9/26	STATUTORY FILING AUDITED FINANCIAL REPORT POSTING ON MIRA WEBSITE			DK/MD DK/RG

TAB B

MATERIALS INNOVATION AND RECYCLING AUTHORITY

May 2016 Monthly Operational Summary

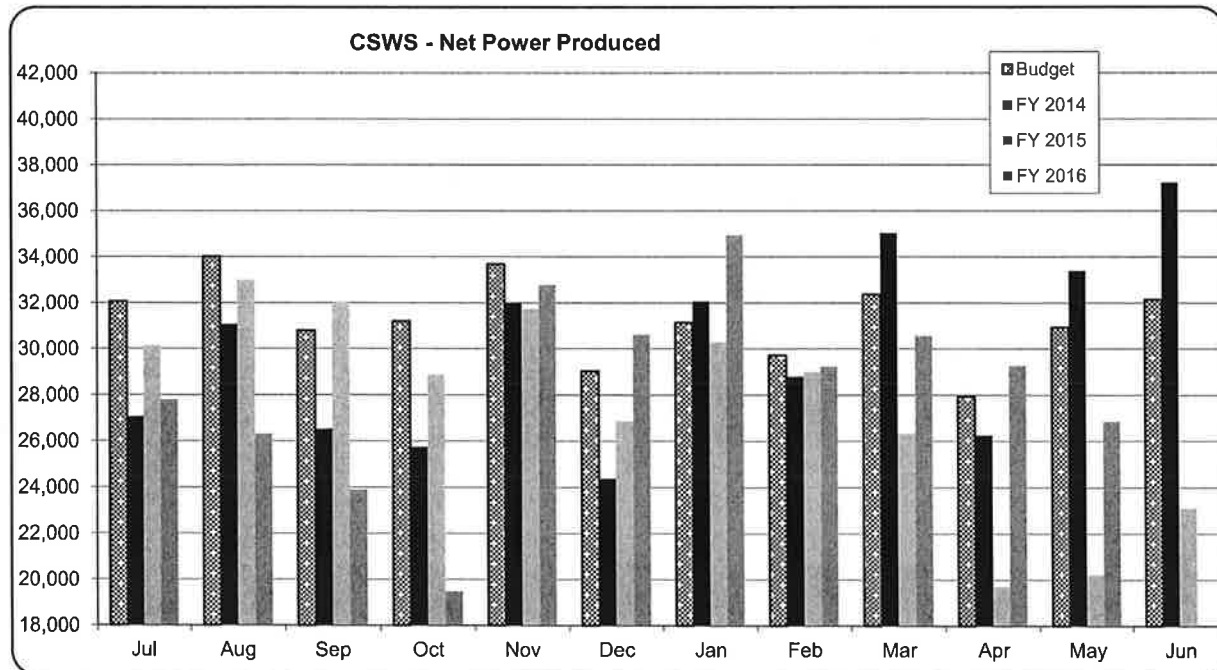
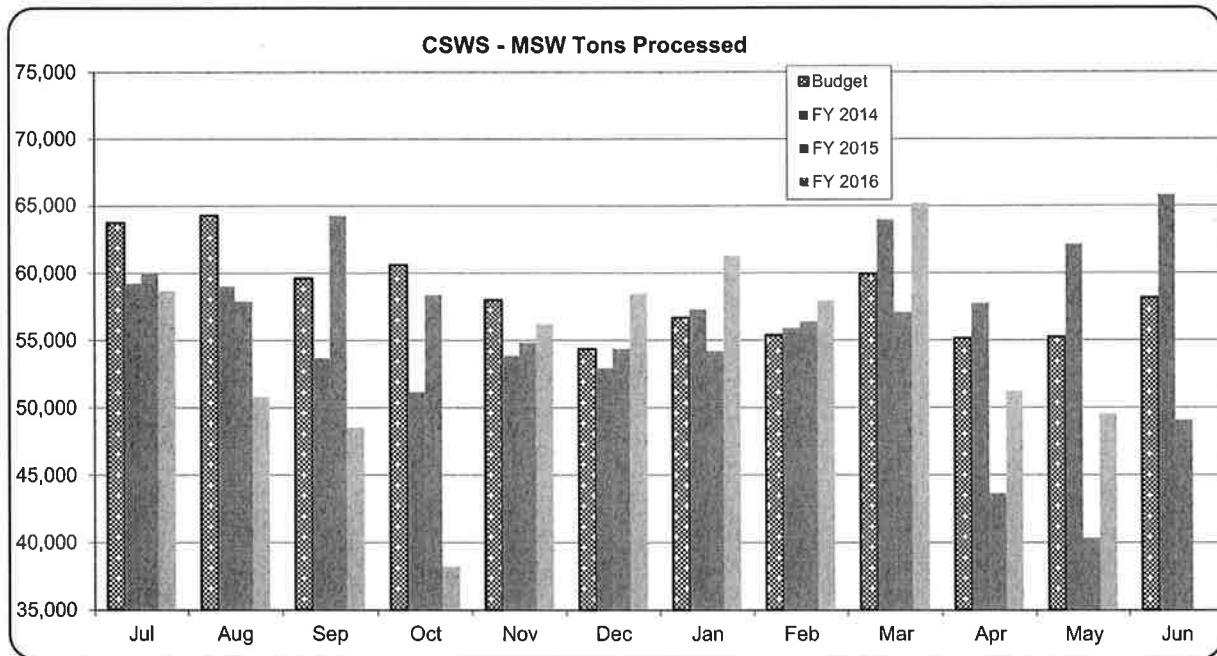
This report provides information on the operations of the two waste-to energy projects for the period ending May 31, 2016. Attached are individual, detailed reports on each of the two projects. The following table provides a summary of key operating parameters for each of the projects and the South Meadow Station's jet turbines.

Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Change	2015	2016	Change	May 15	May 16	Change
CSWS									
Tons MSW Processed	692,809	650,642	(6.1%)	601,546	596,224	(0.9%)	40,346	49,537	22.8%
Steam (klbs)	4,357,895	4,125,108	(5.3%)	3,827,790	3,921,231	2.4%	266,850	341,900	28.1%
(% MCR)	71.8%	68.0%		68.7%	70.2%		51.8%	66.3%	
Power Net MWhr)	359,579	331,356	(7.8%)	308,235	311,796	1.2%	20,214	26,868	32.9%
Southeast									
Tons MSW Processed	262,761	261,748	(0.4%)	239,180	252,797	5.7%	21,590	24,324	12.7%
Steam (klbs)	1,546,830	1,605,649	3.8%	1,346,317	1,410,675	4.8%	131,678	139,286	5.8%
(% MCR)	96.3%	99.9%		91.3%	95.6%		96.5%	102.1%	
Power Net MWhr)	132,757	124,778	(6.0%)	113,325	123,724	9.2%	11,660	11,349	(2.7%)
South Meadow Jets									
Net MWH	3,706	1,837	(50.4%)	1,837	1,613	(12.2%)	785	0	(100.0%)

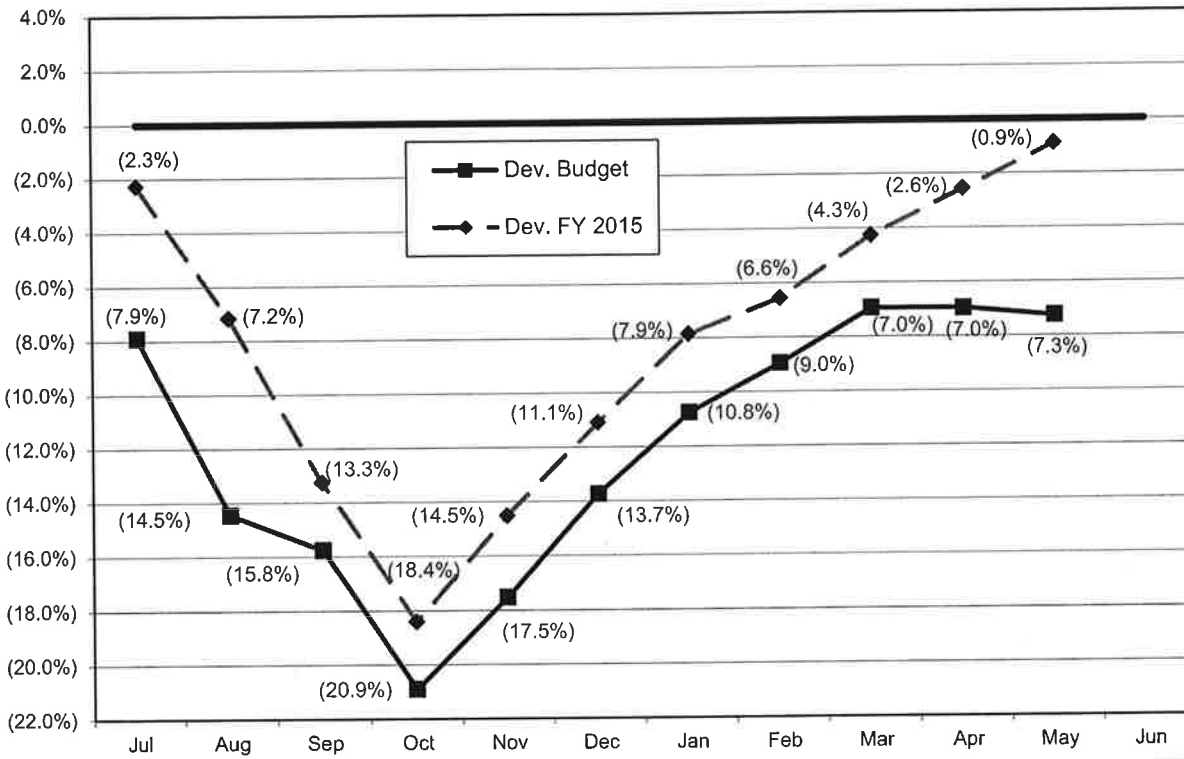
CSWS

May 2016 Monthly Operational Summary

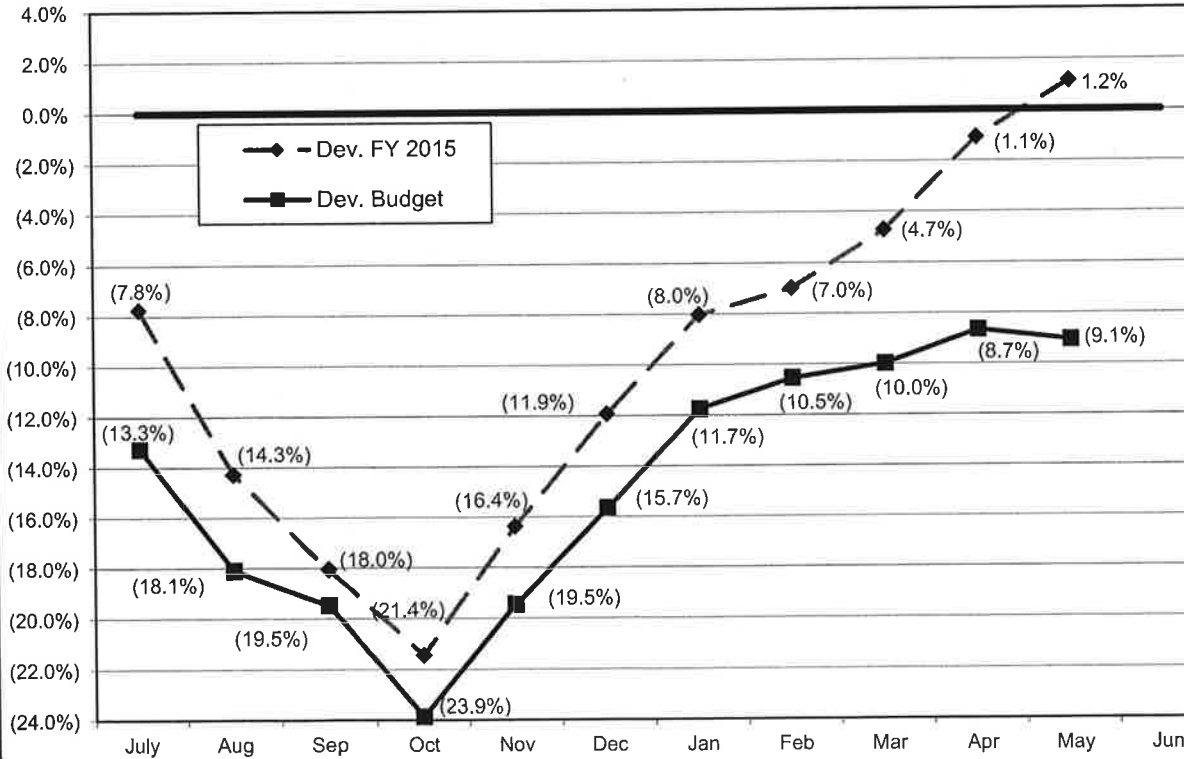
Item	Fiscal Year-To-Date			Monthly		
	2015	2016	Change	May 15	May 16	Change
Tons MSW Processed	601,546	596,224	(0.9%)	40,346	49,537	22.8%
Steam (klbs)	3,827,790	3,921,231	2.4%	266,850	341,900	28.1%
(% MCR)	68.7%	70.2%		51.8%	66.3%	
Power Net MWhr)	308,235	311,796	1.2%	20,214	26,868	32.9%



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			

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

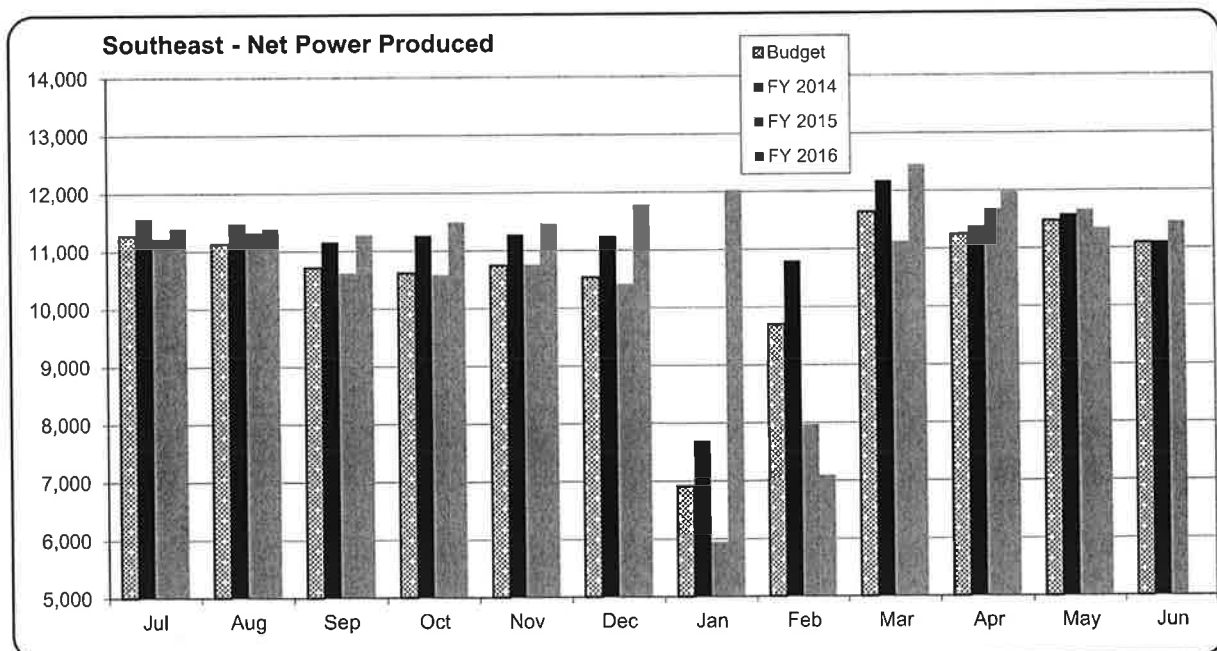
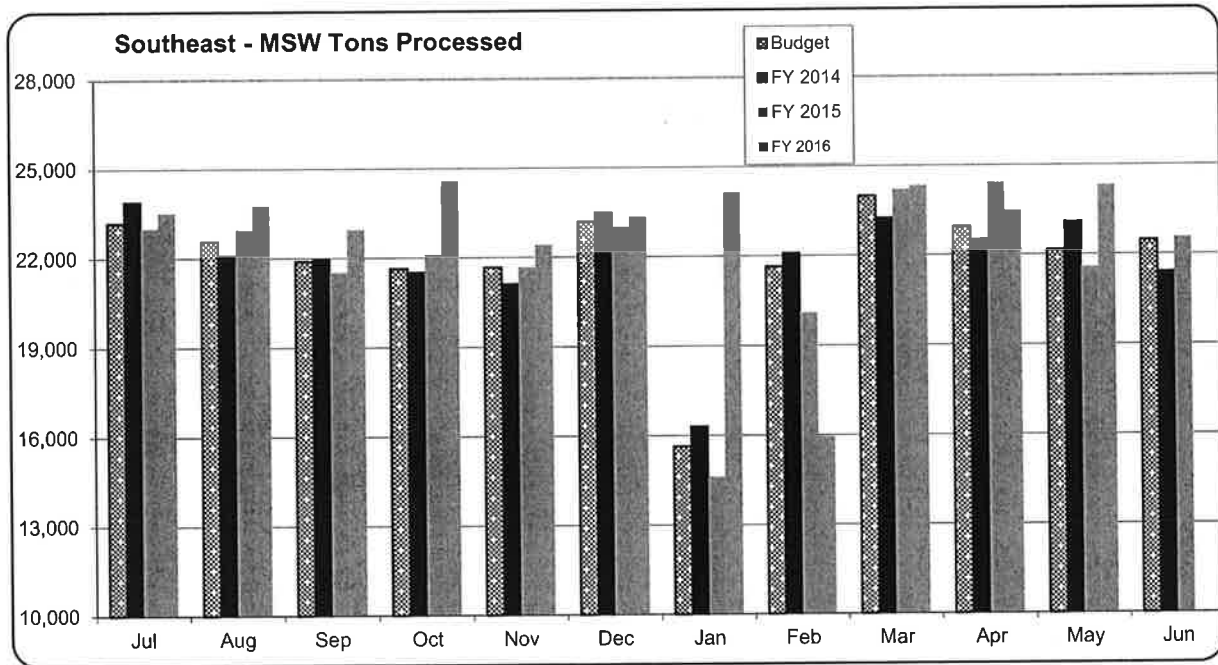
Scheduled Downtime

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

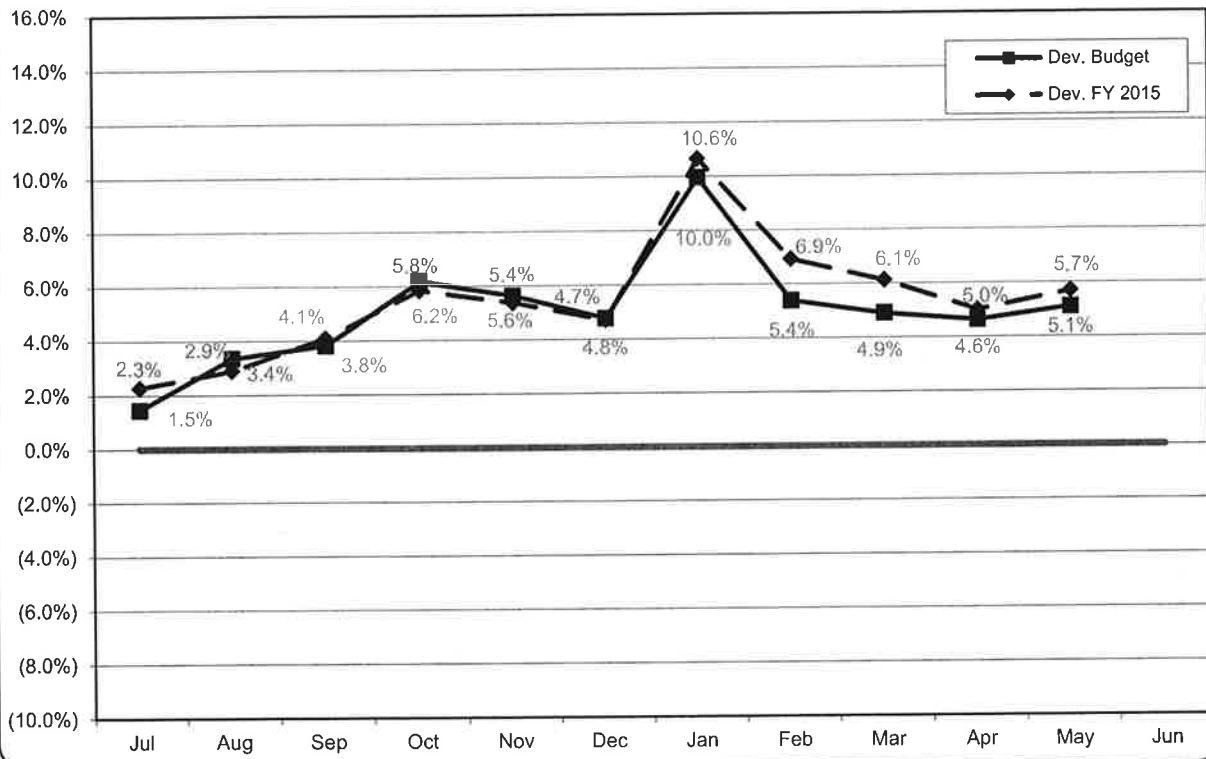
SOUTHEAST (PRESTON) PROJECT

May 2016 Monthly Operational Summary

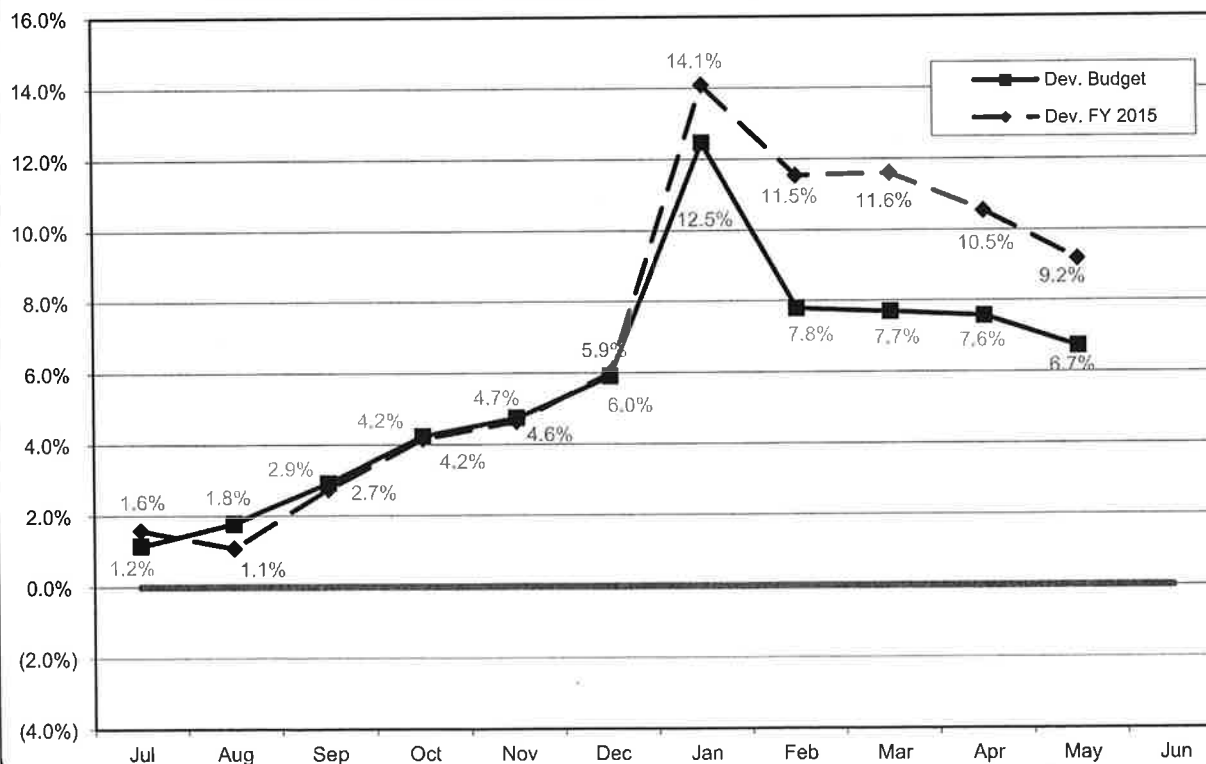
Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Change	2015	2016	Change	May 15	May 16	Change
Tons MSW Processed	262,761	261,748	(0.4%)	239,180	252,797	5.7%	21,590	24,324	12.7%
Steam (klbs)	1,546,830	1,605,649	3.8%	1,346,317	1,410,675	4.8%	131,678	139,286	5.8%
(% MCR)	96.3%	99.9%		91.3%	95.6%		96.5%	102.1%	
Power Net MWhr)	132,757	124,778	(6.0%)	113,325	123,724	9.2%	11,660	11,349	(2.7%)



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		

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

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

May 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

TAB C

MATERIALS INNOVATION AND RECYCLING AUTHORITY

May 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 May 31, 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	May 15	May 16	Growth
CSWS MSW									
Tier 1	349,915	337,844	(3%)	316,189	314,982	(0%)	29,757	28,769	(3%)
Tier 2, 3 & 4	28,259	40,371	43%	14,039	14,172	1%	1,356	2,613	93%
Hauler Contract	256,371	255,136	(0%)	238,284	227,418	(5%)	14,037	16,531	18%
Contract	4,367	5,531	27%	4,997	5,692	14%	466	539	16%
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%)	599,711	577,844	(4%)	45,617	48,451	6%
CSWS Recyclables									
Tier 1	41,805	43,193	3%	39,361	40,696	3%	3,664	3,617	(1%)
Tier 3 & 4	442	561	27%	510	565	11%	47	334	608%
Hauler Contract	11,881	8,033	(32%)	7,216	8,814	22%	674	764	13%
Contractor Sourced	8,441	12,506	48%	11,337	13,815	22%	1,024	1,355	32%
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%	58,423	63,890	9%	5,409	6,069	12%
Southeast MSW									
Member Towns	135,911	129,442	(5%)	117,447	121,957	4%	11,238	11,540	3%
In-State Spot	1,929	9,266	380%	6,345	5,496	(13%)	4,062	152	(96%)
Company Spot	158,214	122,971	(22%)	114,649	124,905	9%	4,936	12,184	147%
MSW TOTAL	296,054	261,678	(12%)	238,440	252,359	6%	20,237	23,876	18%

Connecticut Solid Waste System
May 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	May 15	May 16	Growth
Avon	11,038	11,120	1%	10,059	10,178	1%	948	901	(5%)
Beacon Falls	3,233	3,024	(6%)	2,813	2,397	(15%)	249	257	3%
Bethlehem	1,519	1,551	2%	1,404	1,385	(1%)	122	123	0%
Bloomfield	16,497	14,795	(10%)	13,192	14,218	8%	1,335	1,075	(19%)
Canaan	468	430	(8%)	389	404	4%	33	40	23%
Canton	4,462	4,481	0%	4,083	4,244	4%	407	416	2%
Clinton	5,365	4,790	(11%)	4,314	4,347	1%	345	310	(10%)
Colebrook	604	622	3%	571	552	(3%)	60	54	(11%)
Cornwall	495	493	(0%)	450	451	0%	39	34	(12%)
Deep River	3,882	3,639	(6%)	3,294	3,188	(3%)	330	266	(19%)
Durham/Middlefield	3,611	5,751	59%	5,223	5,626	8%	477	534	12%
East Granby	2,968	3,129	5%	2,869	2,628	(8%)	243	266	10%
East Hampton	6,074	6,122	1%	5,564	5,537	(0%)	517	532	3%
Ellington	5,382	5,253	(2%)	4,797	4,636	(3%)	445	421	(5%)
Essex	3,756	3,062	(18%)	2,817	2,722	(3%)	241	241	(0%)
Farmington	15,179	14,329	(6%)	13,005	13,359	3%	1,144	1,316	15%
Glastonbury	18,980	18,836	(1%)	17,133	17,505	2%	1,585	1,595	1%
Goshen	1,318	1,307	(1%)	1,188	1,219	3%	110	114	3%
Granby	5,596	5,413	(3%)	4,994	4,378	(12%)	414	358	(14%)
Haddam	2,953	3,193	8%	2,886	3,068	6%	265	272	2%
Hartford	88,690	85,433	(4%)	77,703	76,896	(1%)	7,181	7,048	(2%)
Harwinton	2,015	1,904	(6%)	1,745	1,831	5%	175	153	(12%)
Killingworth	2,091	1,912	(9%)	1,733	1,746	1%	158	153	(3%)
Litchfield*	5,396	5,201	(4%)	4,714	4,431	(6%)	437	434	(1%)
Lyme	760	751	(1%)	684	691	1%	64	71	10%
Marlborough	2,622	2,431	(7%)	2,186	2,095	(4%)	202	194	(4%)
Middlebury	2,548	2,611	2%	2,411	2,127	(12%)	193	174	(10%)
Naugatuck	15,259	14,993	(2%)	13,649	13,697	0%	1,313	1,316	0%
Norfolk	796	762	(4%)	682	656	(4%)	61	54	(13%)
North Canaan	2,412	2,241	(7%)	2,033	2,068	2%	203	192	(6%)
Old Lyme	3,516	3,275	(7%)	2,958	2,951	(0%)	300	282	(6%)
Old Saybrook	9,397	9,744	4%	8,830	8,994	2%	807	828	3%
Oxford	7,384	7,730	5%	6,954	5,805	(17%)	692	316	(54%)
Portland	3,842	3,619	(6%)	3,315	3,210	(3%)	312	277	(11%)
Rocky Hill	11,981	11,671	(3%)	10,605	10,510	(1%)	1,028	1,006	(2%)
Roxbury	740	710	(4%)	646	641	(1%)	54	57	5%
RRDD#1	11,366	10,878	(4%)	9,753	9,986	2%	939	953	1%
Salisbury/Sharon	3,231	3,224	(0%)	2,916	2,992	3%	285	268	(6%)
Simsbury	14,530	14,348	(1%)	13,109	12,449	(5%)	1,243	1,085	(13%)
Torrington	24,219	24,005	(1%)	21,877	21,664	(1%)	2,097	1,989	(5%)
Watertown	10,609	10,816	2%	9,811	10,218	4%	930	992	7%
Wethersfield	14,032	14,025	(0%)	12,656	13,113	4%	1,371	1,402	2%
Woodbury	4,497	4,624	3%	4,175	4,171	(0%)	400	400	(0%)
TOTAL TIER 1 PARTICIPATING MUNICIPALITIES	349,915	343,044	(2%)	316,189	314,982	(0%)	29,757	28,769	(3%)

*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	May 15	May 16	Growth
Litchfield*	5,396	5,201	(4%)						
Manchester	13,002	12,955	(0%)	11,782	11,982	2%	1,161	1,114	(4%)
South Windsor*	7,338	7,267	(1%)						
TOTAL TIER 2 PARTICIPATING MUNICIPALITIES	25,736	25,423	(1%)	11,782	11,982	2%	1,161	1,114	(4%)

*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	May 15	May 16	Growth
Chester	18	19	4%	17	12	(28%)	1	1	26%
Thomaston	2,506	2,462	(2%)	2,239	2,177	(3%)	194	196	1%
TOTAL TIER 3 PARTICIPATING MUNICIPALITIES	2,524	2,481	(2%)	2,257	2,190	(3%)	195	197	1%

CSWS Tier 4 Participating Municipality MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
East Hartford			-		8,079	-	0	1,302	-
TOTAL TIER 4 PARTICIPATING MUNICIPALITIES	0	0	-	0	8,079	-	0	1,302	-

CSWS Non-Processible MSW									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
East Hartford			-		625	-	0	154	-
Farmington	254	484	90%	484	319	(34%)	6	0	(100%)
Hartford	47	48	1%	42	44	5%	1	3	362%
RRDD#1	127	122	(4%)	109	110	1%	11	5	(54%)
Wethersfield	40	46	14%	40	43	5%	6	3	(43%)
TOTAL NON-PROCESSIBLE MSW	468	700	49%	675	1,140	69%	24	166	604%

CSWS MSW Received under Hauler Contract*									
	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
TOTAL HAULER CONTRACT	256,371	255,136	(0%)	238,284	227,418	(5%)	14,037	16,531	18%

*Includes ICW

CSWS Contract Deliveries									
	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
TOTAL CONTRACT TONS	4,367	5,531	27%	4,997	5,692	14%	466	539	16%

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

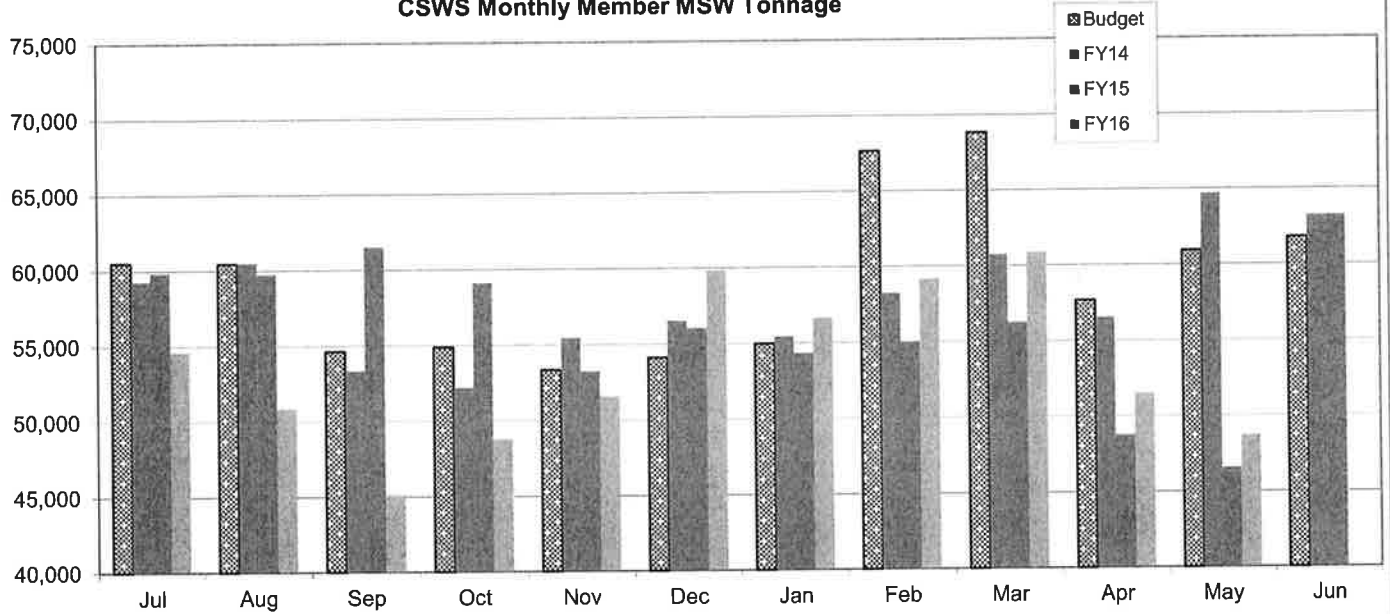
CSWS Out-Of-State Spot MSW									
State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
TOTAL OUT-OF- STATE SPOT	1,506	1,669	11%	1,669	477	(71%)	0	0	-

CSWS Total MSW Deliveries									
Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
Tier 1 Contracts	349,915	343,044	(2%)	316,189	314,982	(0%)	29,757	28,769	(3%)
Tier 2 Contracts	25,736	25,423	(1%)	11,782	11,982	2%	1,161	1,114	(4%)
Tier 3 Contracts	2,524	2,481	(2%)	2,257	2,190	(3%)	195	197	1%
Tier 4 Contracts	0	0	-	0	8,079	-	0	1,302	-
Non-Processible MSW	468	700	49%	675	1,140	69%	24	166	604%
Hauler Contracts	256,371	255,136	(0%)	238,284	227,418	(5%)	14,037	16,531	18%
Contract Deliveries	4,367	5,531	27%	4,997	5,692	14%	466	539	16%
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%)	600,386	587,063	(2%)	45,641	48,617	7%

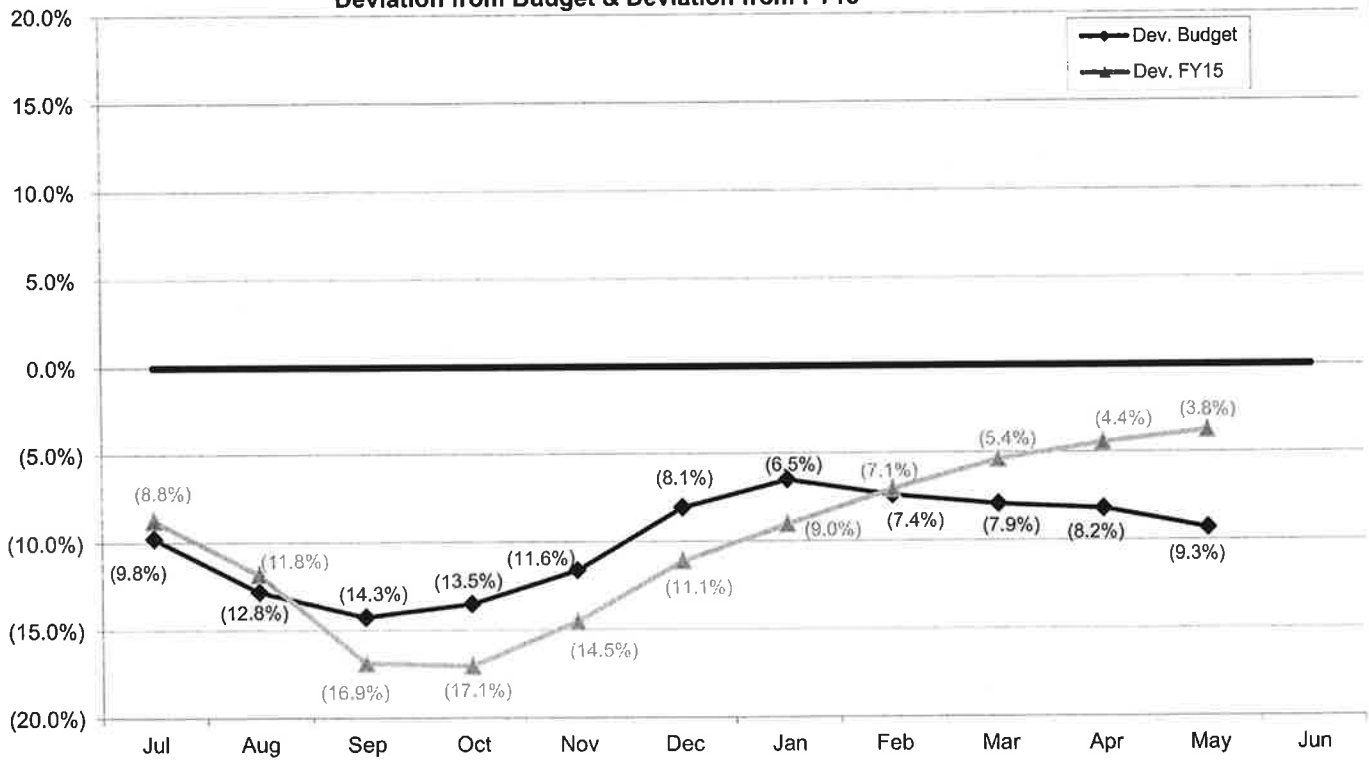
CSWS MSW Diversions And Exports									
Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
TS Diversions	0	0	-	0	0	-	0	0	-
TS Exports	0	7,697	-	4,692	3,612	(23%)	3,160	0	(100%)
WPF Diversions	0	0	-	0	0	-	0	0	-
WPF Exports	0	2,061	-	1,496	1,334	(11%)	646	0	(100%)
TOTAL TONNAGE	0	9,758	-	6,188	4,947	(20%)	3,806	0	(100%)

CSWS MSW Trends

CSWS Monthly Member MSW Tonnage



CSWS Cumulative Member MSW Tonnage -
Deviation from Budget & Deviation from FY15



Connecticut Solid Waste System
May 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	May 15	May 16	Growth
Avon	2,036	2,096	3%	1,885	1,923	2%	177	176	(1%)
Beacon Falls	335	321	(4%)	301	342	14%	36	32	(13%)
Bethlehem	336	330	(2%)	302	320	6%	23	33	40%
Bloomfield	1,813	1,717	(5%)	1,567	1,574	0%	140	144	3%
Canaan	103	90	(13%)	78	84	8%	7	9	36%
Canton	979	971	(1%)	892	893	0%	83	73	(12%)
Clinton	998	1,148	15%	1,036	1,073	4%	91	88	(3%)
Colebrook	190	188	(1%)	174	162	(7%)	17	15	(15%)
Cornwall	145	147	2%	141	139	(1%)	13	14	5%
Deep River	429	425	(1%)	392	473	21%	35	40	16%
East Granby	482	442	(8%)	406	428	6%	27	39	41%
East Hampton	919	948	3%	873	928	6%	86	82	(5%)
Ellington	1,400	1,415	1%	1,279	1,281	0%	112	113	0%
Essex	718	658	(8%)	605	661	9%	55	54	(2%)
Farmington	2,444	2,281	(7%)	2,082	2,460	18%	196	229	16%
Glastonbury	3,617	3,687	2%	3,385	3,331	(2%)	307	280	(9%)
Goshen	315	320	2%	295	297	0%	28	24	(13%)
Granby	1,484	1,461	(2%)	1,344	1,331	(1%)	130	103	(20%)
Haddam	586	645	10%	584	627	7%	54	61	14%
Hartford	4,962	5,373	8%	4,862	5,051	4%	486	454	(7%)
Harwinton	530	515	(3%)	474	455	(4%)	44	39	(11%)
Killingworth	527	464	(12%)	423	428	1%	42	44	5%
Litchfield	0	0	-	0	742	-	0	70	-
Marlborough	713	684	(4%)	614	614	(0%)	56	57	2%
Middlebury	855	873	2%	797	766	(4%)	72	76	6%
Norfolk	168	168	0%	153	149	(2%)	13	13	1%
North Canaan	206	231	12%	210	215	3%	22	22	(1%)
Old Saybrook	1,119	1,105	(1%)	999	978	(2%)	96	102	6%
Oxford	794	780	(2%)	716	605	(16%)	58	53	(9%)
Portland	571	610	7%	563	518	(8%)	47	45	(6%)
Rocky Hill	1,637	1,656	1%	1,493	1,539	3%	144	139	(4%)
Roxbury	203	184	(10%)	174	162	(7%)	16	9	(43%)
RRDD#1	1,798	1,799	0%	1,640	1,648	1%	140	144	3%
Salisbury-Sharon	0	1,079	-	979	966	(1%)	90	93	3%
Torrington	2,942	3,004	2%	2,728	2,688	(1%)	261	233	(11%)
Watertown	1,827	1,758	(4%)	1,606	1,552	(3%)	158	117	(26%)
Wethersfield	2,804	2,710	(3%)	2,476	2,524	2%	233	223	(4%)
Woodbury	818	901	10%	826	768	(7%)	69	78	13%
TOTAL TIER 1 MUNICIPALITIES	41,805	43,193	3%	39,361	40,696	3%	3,664	3,617	(1%)

CSWS Tier 3 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	May 15	May 16	Change
Thomaston	442	561	27%	510	565	11%	47	52	11%
TOTAL TIER 3 MUNICIPALITIES	442	561	27%	510	565	11%	47	52	11%

CSWS Tier 4 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	May 15	May 16	Change
East Hartford	0	0	-	0	2,014	-	0	281	-
TOTAL TIER 4 MUNICIPALITIES	0	0	-	0	2,014	-	0	281	-

CSWS Hauler Contract Recycling

	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	May 15	May 16	Change
TOTAL HAULER CONTRACT	11,881	8,033	(32%)	7,216	8,814	22%	674	764	13%

CSWS Contractor Sourced Recycling

	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	May 15	May 16	Change
TOTAL CONTRACTOR SOURCED	8,441	12,506	48%	11,337	13,815	22%	1,024	1,355	32%

CSWS In-State Spot Recycling

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

CSWS Out-Of-State Spot Recycling

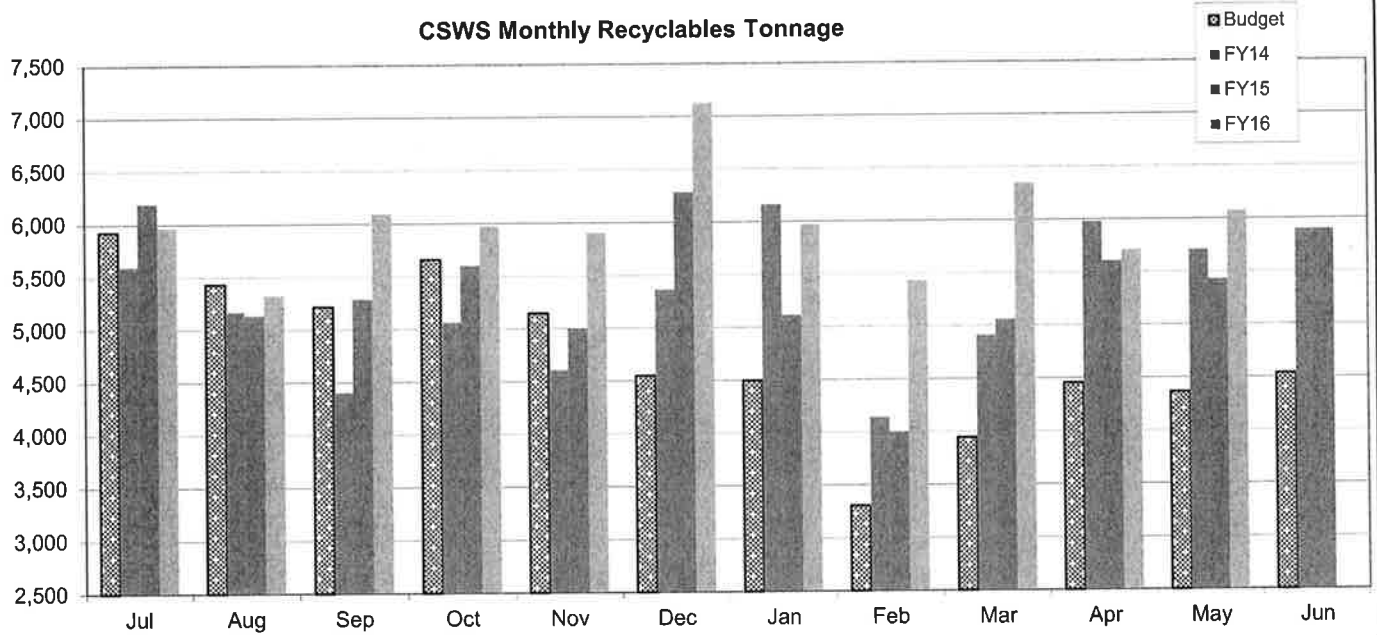
State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	May 15	May 16	Change
TOTAL OUT-OF- STATE SPOT	822	0	(100%)	0	0	-	0	0	-

CSWS Total Recycling Deliveries

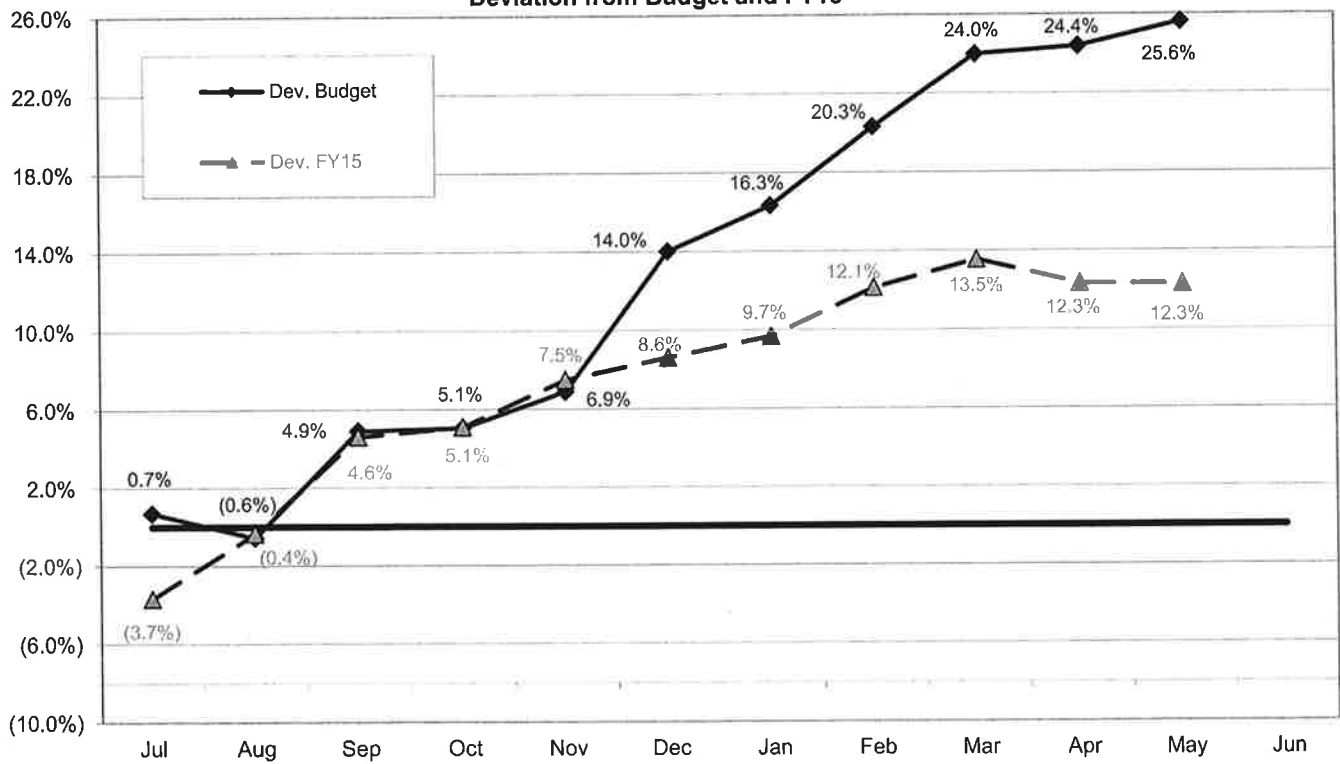
Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Change	May 15	May 16	Change
Participating	42,247	43,754	4%	39,871	41,261	3%	3,711	3,951	6%
Hauler Contract	11,881	8,033	(32%)	7,216	8,814	22%	674	764	13%
Contractor Sourced	8,441	12,506	48%	11,337	13,815	22%	1,024	1,355	32%
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%	58,423	63,890	9%	5,409	6,069	12%

CSWS Recyclables Trends

CSWS Monthly Recyclables Tonnage



CSWS Cumulative Recyclables Tonnage -
Deviation from Budget and FY15



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

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
East Lyme									
Town	9,989	10,045	1%	9,090	9,063	(0%)	882	852	(3%)
Prison	561	567	1%	521	533	2%	30	50	69%
East Lyme Total	10,550	10,611	1%	9,611	9,596	(0%)	911	902	(1%)
Griswold	4,361	4,002	(8%)	3,667	3,604	(2%)	309	368	19%
Groton	27,041	25,285	(6%)	22,934	24,078	5%	2,253	2,118	(6%)
Ledyard	5,976	5,898	(1%)	5,314	5,590	5%	485	518	7%
Montville			-			-			
Town	7,960	7,609	(4%)	6,883	7,317	6%	665	759	14%
Prison	611	697	14%	645	576	(11%)	51	59	15%
Mohegan Sun	7,587	6,656	(12%)	6,094	6,209	2%	534	596	12%
Montville Total	16,157	14,961	(7%)	13,621	14,102	4%	1,250	1,414	13%
New London	20,786	19,423	(7%)	17,722	17,928	1%	1,666	1,678	1%
N. Stonington	2,634	2,830	7%	2,497	2,778	11%	267	258	(3%)
Norwich	23,846	21,912	(8%)	19,946	19,806	(1%)	1,838	1,797	(2%)
Sprague	952	989	4%	897	961	7%	91	89	(2%)
Stonington	11,870	11,905	0%	10,748	11,600	8%	1,107	1,229	11%
Waterford	11,450	11,348	(1%)	10,240	11,660	14%	1,040	1,157	11%
Fisher Island	287	277	(3%)	250	254	2%	22	12	(46%)
TOTAL MEMBER TOWN	135,911	129,442	(5%)	117,447	121,957	4%	11,238	11,540	3%

Southeast Project In-State Spot MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
CRRA	0	7,351	-	4,608	3,771	(18%)	3,916	0	(100%)
Preston	1,929	1,915	(1%)	1,736	1,726	(1%)	146	152	4%
TOTAL IN-STATE SPOT	1,929	9,266	380%	6,345	5,496	(13%)	4,062	152	(96%)

Southeast Project Member Towns And In-State Spot MSW

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
Member Towns	135,911	129,442	(5%)	117,447	121,957	4%	11,238	11,540	3%
In-State Spot	1,929	9,266	380%	6,345	5,496	(13%)	4,062	152	(96%)
TOTAL MEMBER & IN-STATE SPOT	137,840	138,707	1%	123,791	127,453	3%	15,300	11,692	(24%)

Southeast Project Company MSW Deliveries

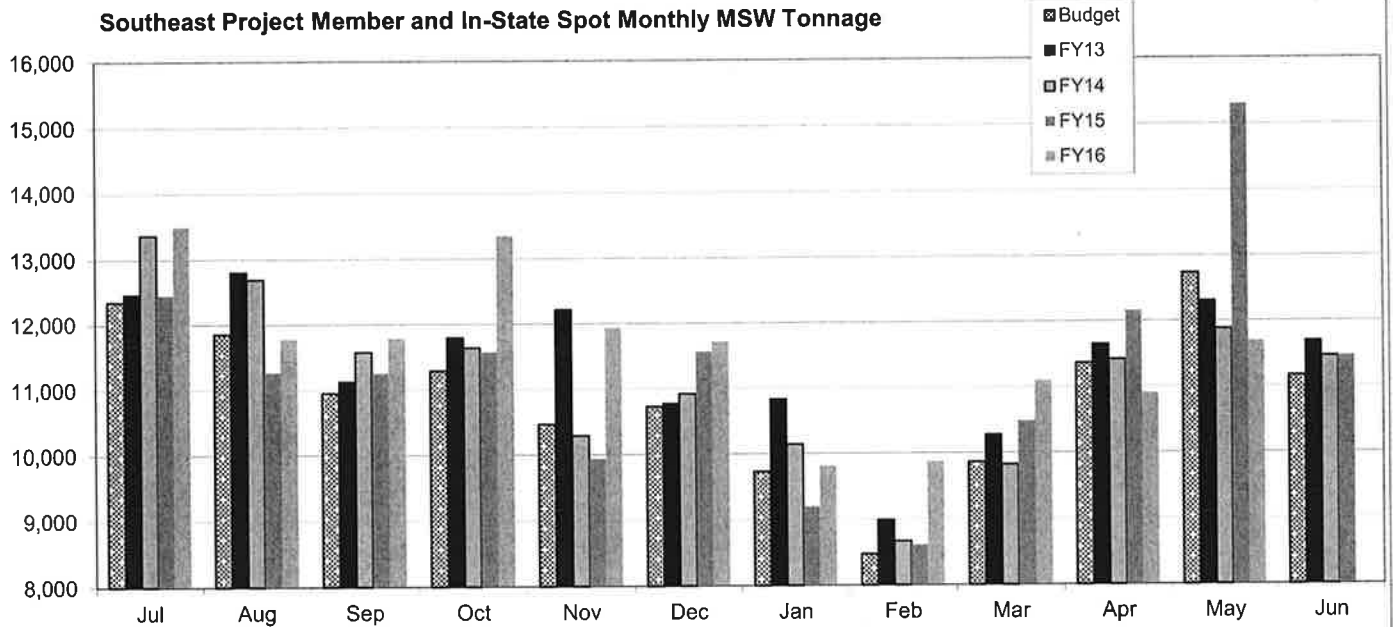
Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
Various	158,214	122,971	(22%)	114,649	124,905	9%	4,936	12,184	147%
TOTAL COMPANY	158,214	122,971	(22%)	114,649	124,905	9%	4,936	12,184	147%

Southeast Project Total MSW Deliveries

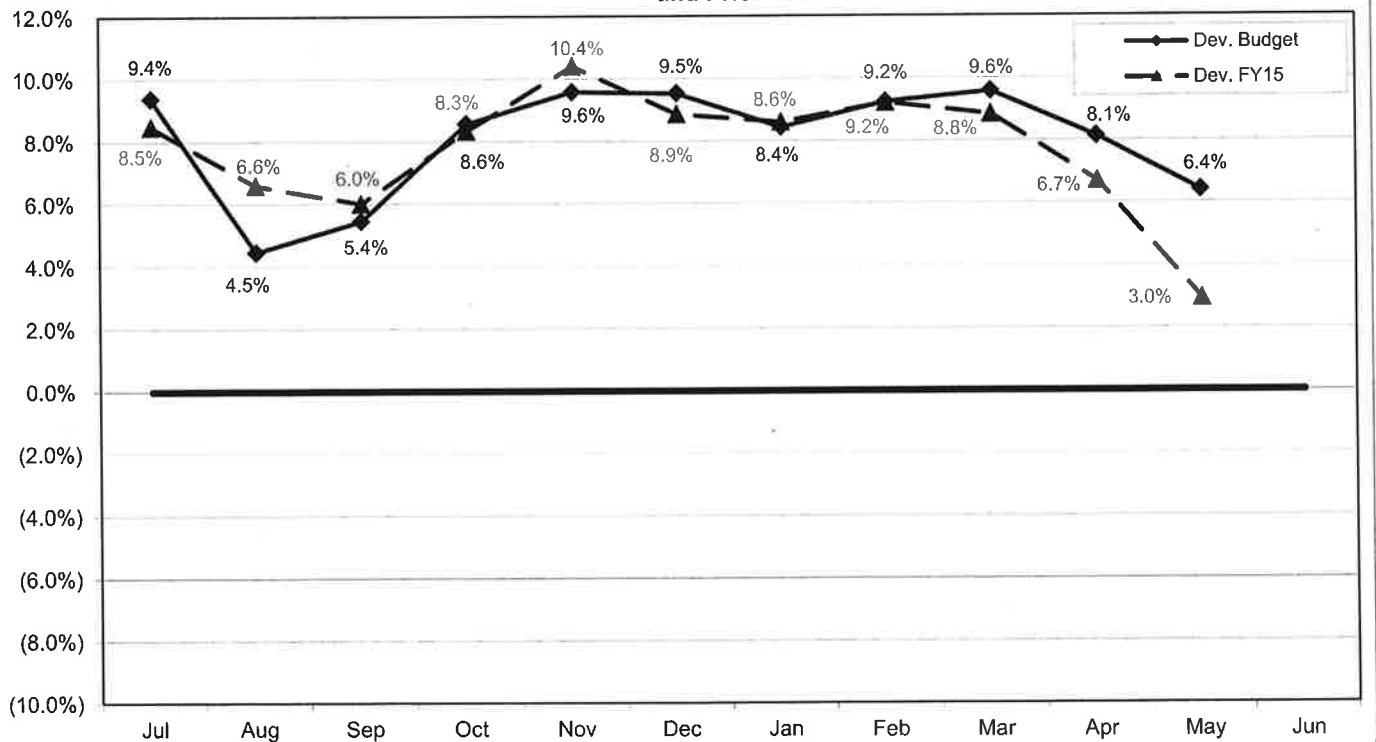
Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2014	2015	Growth	2015	2016	Growth	May 15	May 16	Growth
Member Towns	135,911	129,442	(5%)	117,447	121,957	4%	11,238	11,540	3%
In-State Spot	1,929	9,266	380%	6,345	5,496	(13%)	4,062	152	(96%)
Company Deliveries	158,214	122,971	(22%)	114,649	124,905	9%	4,936	12,184	147%
TOTAL TONNAGE	296,054	261,678	(12%)	238,440	252,359	6%	20,237	23,876	18%

Southeast Project MSW Trends

Southeast Project Member and In-State Spot Monthly MSW Tonnage



Southeast Project Member and In-State Spot Cumulative MSW Tonnage - Deviation from Budget and Prior Year



TAB D