



Materials Innovation and Recycling Authority  
Regular Board of Directors  
Supplemental Information  
June 21, 2018

I. Finance

Informational Reports for Period ending April 30, 2018 (*Attachment A*).

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

II. Summary of Project Activities

1. An update is provided on each project's monthly operations for the period ending April 30, 2018 (*Attachment B*).
2. An update is provided on waste deliveries to all projects for the period ending April 30, 2018 (*Attachment C*).

III. Communications

1. Legal Expenditure Report FY'18 (*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 \$5.21 million (19% above budget). Surpluses were experienced in all categories of revenue other than member town waste. Major planned outages including a cold iron stack repair were delayed from April to June. Year to date revenue is 2% under budget. Total operating expenses were \$4.85 million (6% under budget) in April. Year to date the CSWS has operating income of \$3.071 million which is \$0.04 million (1%) above budget.

**CSWS Electricity** - This report reflects CSWS budget versus actual electricity production, revenue and price for the current month and year to date. Energy revenue reconciles to CSWS Financials. Effective April 1, 2018 through March 31, 2019, the first 20 MW of CSWS energy is sold under fixed contract at the rate of \$.03527 / Kwh. Remaining energy is sold in the wholesale energy market pending execution of any additional fixed price energy transactions pursuant to MIRA's flexible energy hedging program with Nextera.

As indicated in this report, the CSWS total average energy price including hedged and wholesale prices was \$0.0419 per kwh in April which is \$0.0113 per kwh (37.0%) above budget. Year to date energy price is 12% above budget. Energy production was 3.82 million kwh (15.6%) above budget in April. Year to date production is 18% under budget. The plant ran at full capacity for 8 out of 30 days. Overall boiler availability was 77.4% compared to budgeted availability of 66.2%. The budget reflected a planned stack repair subsequently pushed off to June. Boiler 11 was off line for 189.72 hours for cleaning, tube leaks and to accommodate a single turbine operation (73.7% availability). Boiler 12 was off line for 236.19 hours for tube leaks, a fuel conveyor interruption and to accommodate a single turbine operation (67.2% availability). Boiler 13 was off line for just 61.43 hours following last months major outage for an ash conveyor issue and tube leaks (91.5% availability). Overall turbine availability was 80.5% compared to budgeted availability of 83.3%. Turbine 5 was off line for 268.89 hours for thrust issues. Turbine 6 was off line for 11.25 hours for condenser cleaning. Price and production combine to produce a \$0.44 million (58.4%) surplus in electricity revenue for the month of April. On a year to date basis, in comparison to this period of fiscal year 2017, energy price is up 17%, production is down 10% and revenue is up 5%.

**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 46,946 tons which is 1,877 tons (4.2%) above budget. There was one minor deficit of 390 tons in member town waste. The per ton prices for interruptible contract waste are \$4.88 per ton above budget year to date and up in comparison to FY 2017 but reflecting low activity relative to budget. Prices for waste hauler tons are steady at \$70 consistent with CSWS established tip fees. Price and delivery volume by contract type combine to produce total solid waste delivery revenue presently 5.9% below budget on a year to date basis.



CSWS Recycling Summary - This report reflects current month and year to date recyclable tons delivered to and exported from the CSWS recycling center including the rate per ton and corresponding revenue reconciled to CSWS financials. Deliveries and exports are stated in terms relevant to the contract operation of this facility.

As indicated in this report, recycling facility revenues were 58% above budget in April. Delivery revenue was 43.1% above budget due to surplus paid residue and surplus CSWS sourced single stream deliveries. Export revenue was 117.4% above budget primarily due to surplus CSWS sourced tons and pricing of residential containers. Year to date recycling facility revenues are 59% above budget. As indicated separately on the metal sales report, metal sales revenue was 240% above budget in April due to strong pricing. The average per ton price in April was \$93.28 per ton which is \$64.37 per ton (223%) above budget. Year to date total metal sales and excess residue is 98% above 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, revenue to the Property Division was 3.1% above budget in April due to activity in the reserve markets. Operating expenses were 47.7% below budget due to Jets operating charges. Total operating income is 17.6% above budget year to date.

MIRA Cash Flow - This "cash basis" report reflects the monthly flow of cash through the bank accounts and STIF reserve funds that represent all of the Authority's ongoing operations. The flow of funds is executed monthly in accordance with Board-approved criteria.

As indicated in this report, Property Division cash receipts were sufficient to distribute \$732,110 to the Tip Fee Stabilization Fund in April. Year to date distributions to the Tip Fee Stabilization Fund are \$7,504,907 in comparison to the maximum authorized distribution of \$9.97 million. CSWS cash receipts were not sufficient to execute budgeted distributions to the CSWS Operating STIF and Improvement Fund causing a \$2,801,701 draw from Tip Fee Stabilization. After the distribution of April receipts, \$22,345,207 remained contingently due to the Tip Fee Stabilization Fund from CSWS. Note that the Cash Flow statement includes all accounts related to the Authority's ongoing operations. Accounts held pending final project closeout, and security deposits, are not shown.

CSWS Improvement Fund - This report reflects budget versus actual CSWS Improvement Fund advances to the operator of the Resource Recovery Facility for major maintenance and capital improvement projects approved monthly by the Authority. Actual costs initially reflect funds advanced which are subsequently adjusted when the project is completed. Substantial modifications have been made to projects planned to be funded through the CSWS Improvement Fund at the time the FY 2018 budget was adopted. These primarily include cancellation of the Turbine 6 overhaul, reduced scope of the Boiler 13 outage, ash system, and auxiliary PBF system projects to increase funding allocated to Boiler 11 and 12 outages and baghouse major maintenance projects.

Segmented Income Statements - This report reflects the revenues and expenses of each Authority project and division in the format ultimately to appear in its annual independent audit report. This includes a summary reconciliation to budget versus actual report formats.

Materials Innovation and Recycling Authority  
 FY 2018 Board of Directors Financial Report

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CSWS Monthly Financial Report

Period Ending: **April 30, 2018**

REVENUES	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
	<i>Member Towns</i>	\$ 2,177,346	\$ 2,128,839	\$ (48,507)	-2%	\$ 21,051,288	\$ 20,841,711	\$ (209,577)
<i>Other Contracts</i>	\$ -	\$ 830	\$ 830	n/a	\$ 3,440,480	\$ 1,149,149	\$ (2,291,331)	-67%
<i>Hauler Contracts</i>	\$ 942,480	\$ 1,100,013	\$ 157,533	17%	\$ 9,574,880	\$ 10,407,127	\$ 832,247	9%
<i>Spot Waste</i>	\$ -	\$ -	\$ -	n/a	\$ 534,400	\$ 145,795	\$ (388,605)	-73%
Other Operating Charges	\$ -	\$ 34,597	\$ 34,597	n/a	\$ -	\$ 48,483	\$ 48,483	n/a
Member Service Fee	\$ 2,846	\$ 3,433	\$ 587	21%	\$ 28,930	\$ 34,302	\$ 5,372	19%
<i>Metal Sales &amp; Excess Residue</i>	\$ 50,773	\$ 173,352	\$ 122,580	241%	\$ 595,845	\$ 1,182,249	\$ 586,404	98%
Bulky Waste	\$ 8,011	\$ 26,071	\$ 18,060	225%	\$ 90,548	\$ 144,902	\$ 54,354	60%
<i>Recycling Facility</i>	\$ 84,787	\$ 133,862	\$ 49,076	58%	\$ 859,100	\$ 1,370,256	\$ 511,156	59%
<i>Electricity Sales</i>	\$ 747,288	\$ 1,183,394	\$ 436,106	58%	\$ 10,365,120	\$ 9,467,672	\$ (897,448)	-9%
Other Energy Markets	\$ 365,161	\$ 428,812	\$ 63,652	17%	\$ 3,635,759	\$ 4,049,857	\$ 414,098	11%
Misc. (Interest, Fees, Other)	\$ 1,250	\$ 1,124	\$ (126)	-10%	\$ 35,823	\$ 147,867	\$ 112,044	313%
<b>TOTAL ACCRUED REVENUES</b>	\$ 4,379,941	\$ 5,214,327	\$ 834,387	19%	\$ 50,212,173	\$ 48,989,370	\$ (1,222,803)	-2%
<b>EXPENDITURES</b>								
Administrative Expenses	\$ 216,515	\$ 185,177	\$ 31,338	14%	\$ 2,272,001	\$ 2,027,361	\$ 244,640	11%
Operational Expenses	\$ 233,921	\$ 194,627	\$ 39,294	17%	\$ 2,465,618	\$ 2,150,558	\$ 315,060	13%
PILOTs & Fees	\$ 216,373	\$ 163,697	\$ 52,676	24%	\$ 2,178,730	\$ 2,146,665	\$ 32,065	1%
Waste Transport	\$ 968,228	\$ 1,079,205	\$ (110,977)	-11%	\$ 10,860,624	\$ 11,011,341	\$ (150,717)	-1%
Recycling Facility	\$ 54,731	\$ 53,087	\$ 1,644	3%	\$ 547,310	\$ 488,821	\$ 58,489	11%
Murphy Road Operations	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
MIRA Facilities Operating Exp.	\$ 68,426	\$ 141,770	\$ (73,344)	-107%	\$ 727,946	\$ 738,810	\$ (10,864)	-1%
NAES Contract Operating Charges	\$ 3,063,328	\$ 2,686,127	\$ 377,201	12%	\$ 24,927,512	\$ 24,454,761	\$ 472,751	2%
NAES On-Site Incentive Comp.	\$ 76,041	\$ 76,041	\$ -	0%	\$ 760,410	\$ 630,248	\$ 130,162	17%
NAES Management Fees	\$ 103,419	\$ 129,054	\$ (25,635)	-25%	\$ 1,034,190	\$ 876,912	\$ 157,278	15%
Transfer Station - Ellington	\$ 1,191	\$ 894	\$ 297	25%	\$ 11,910	\$ 10,772	\$ 1,138	10%
Transfer Station - Essex	\$ 47,091	\$ 49,029	\$ (1,938)	-4%	\$ 470,910	\$ 462,992	\$ 7,918	2%
Transfer Station - Torrington	\$ 45,695	\$ 46,471	\$ (776)	-2%	\$ 456,950	\$ 456,407	\$ 543	0%
Transfer Station - Watertown	\$ 47,111	\$ 49,033	\$ (1,922)	-4%	\$ 471,110	\$ 462,329	\$ 8,781	2%
<b>TOTAL ACCRUED EXPENDITURES</b>	\$ 5,142,070	\$ 4,854,212	\$ 287,858	6%	\$ 47,185,221	\$ 45,917,977	\$ 1,267,244	3%
<b>OPERATING INCOME</b> (Before Reserves / Transfers)	\$ (762,130)	\$ 360,115	\$ 1,122,245	-147%	\$ 3,026,952	\$ 3,071,393	\$ 44,441	1%
<b>DISTRIBUTION OF CSWS OPERATING INCOME</b>								
<i>Debt Service Fund</i>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<i>CSWS Improvement Fund</i>	\$ 1,123,015	\$ 1,123,015	\$ -	0%	\$ 14,207,135	\$ 14,207,135	\$ -	0%
<i>CSWS Risk Fund</i>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<i>CSWS Legal Reserve</i>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<i>MIRA Severance Reserve</i>	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
<b>TOTAL DISTRIBUTIONS</b>	\$ 1,123,015	\$ 1,123,015	\$ -	0%	\$ 14,207,135	\$ 14,207,135	\$ -	0%
<b>SURPLUS / (DEFICIT)</b>	\$ (1,885,145)	\$ (762,900)	\$ 1,122,245	-60%	\$ (11,180,183)	\$ (11,135,742)	\$ 44,441	0%



**Materials Innovation and Recycling Authority  
FY 2018 Board of Directors Financial Report**

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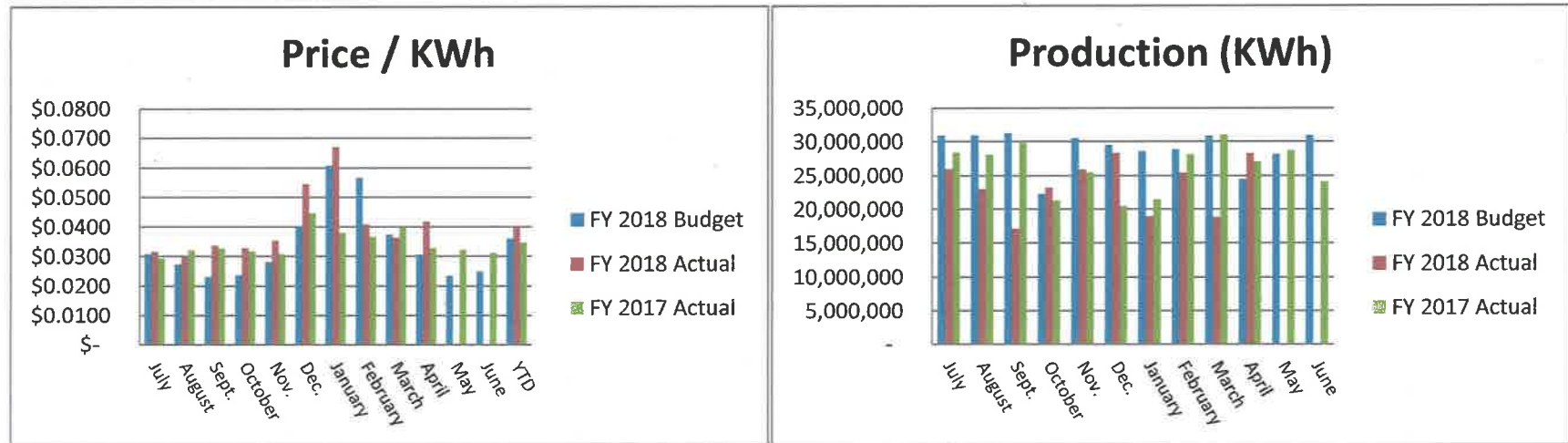
**CSWS Electricity Production**

**Period Ending:**

**April 30, 2018**

FY 2018	Price			Production			Generation Revenue		
	Budget	Actual	Variance	Budget	Actual	Variance	Budget	Actual	Variance
July	\$ 0.0308	\$ 0.0316	\$ 0.0008	30,876,610	25,992,500	(4,884,110)	\$ 949,456	\$ 820,289	\$ (129,167)
August	\$ 0.0273	\$ 0.0298	\$ 0.0025	30,876,610	22,991,760	(7,884,850)	\$ 844,475	\$ 685,639	\$ (158,837)
Sept.	\$ 0.0232	\$ 0.0336	\$ 0.0104	31,243,392	17,140,940	(14,102,452)	\$ 723,285	\$ 575,745	\$ (147,540)
October	\$ 0.0237	\$ 0.0327	\$ 0.0089	22,270,553	23,198,750	928,197	\$ 528,925	\$ 758,293	\$ 229,368
Nov.	\$ 0.0281	\$ 0.0352	\$ 0.0071	30,487,793	25,920,700	(4,567,093)	\$ 858,231	\$ 912,819	\$ 54,588
Dec.	\$ 0.0404	\$ 0.0545	\$ 0.0141	29,480,608	28,309,980	(1,170,628)	\$ 1,189,543	\$ 1,541,796	\$ 352,253
January	\$ 0.0607	\$ 0.0670	\$ 0.0062	28,604,973	18,937,420	(9,667,553)	\$ 1,737,752	\$ 1,268,567	\$ (469,185)
February	\$ 0.0567	\$ 0.0408	\$ (0.0158)	28,847,390	25,436,720	(3,410,670)	\$ 1,634,205	\$ 1,038,840	\$ (595,365)
March	\$ 0.0374	\$ 0.0362	\$ (0.0012)	30,842,303	18,861,060	(11,981,243)	\$ 1,151,960	\$ 682,290	\$ (469,670)
April	\$ 0.0306	\$ 0.0419	\$ 0.0113	24,461,136	28,276,940	3,815,804	\$ 747,288	\$ 1,183,394	\$ 436,106
May	\$ 0.0235	\$ -	n/a	28,132,022	-	n/a	\$ 662,509	\$ -	n/a
June	\$ 0.0249	\$ -	n/a	30,876,610	-	n/a	\$ 770,371	\$ -	n/a
<b>YTD</b>	\$ 0.0360	\$ 0.0403	\$ 0.0043	<b>287,991,367</b>	<b>235,066,770</b>	<b>(52,924,597)</b>	<b>\$ 10,365,120</b>	<b>\$ 9,467,672</b>	<b>\$ (897,448)</b>
YTD % Var.			12%			-18%			-9%

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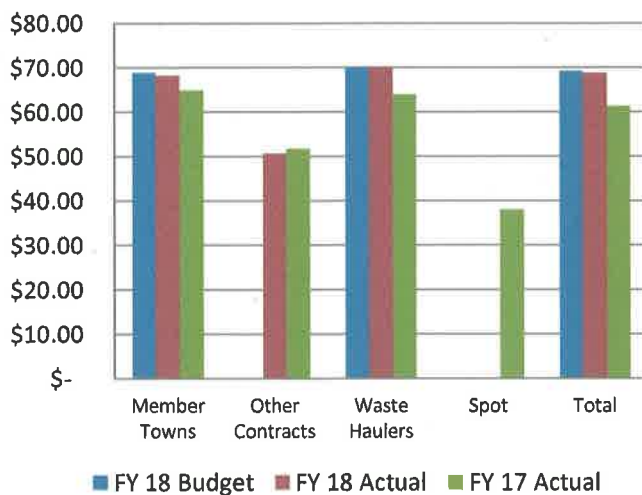
CSWS Solid Waste Summary

Period Ending:

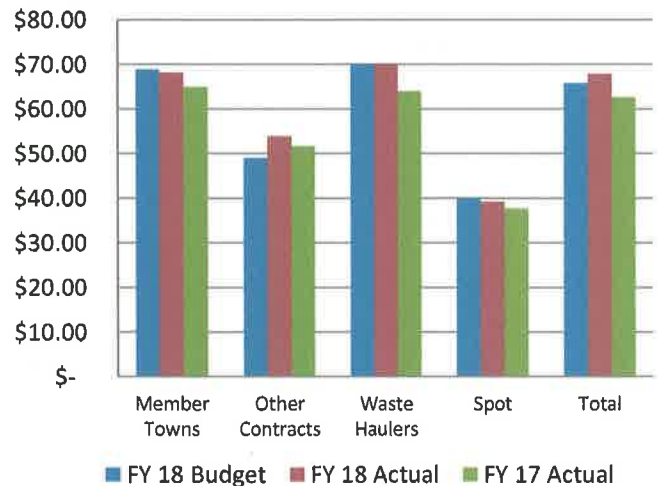
**April 30, 2018**

FY 18 Budget	Current Month			Year To Date		
	Tons	Revenue	Price	Tons	Revenue	Price
<u>Member Towns</u>	31,605	\$ 2,177,346	\$ 68.89	305,620	\$ 21,051,288	\$ 68.88
<u>Other Contracts</u>	-	\$ -	\$ -	70,214	\$ 3,440,480	\$ 49.00
<u>Waste Haulers</u>	13,464	\$ 942,480	\$ 70.00	136,784	\$ 9,574,880	\$ 70.00
<u>Spot</u>	-	\$ -	\$ -	13,360	\$ 534,400	\$ 40.00
<b>Total</b>	<b>45,069</b>	<b>\$ 3,119,826</b>	<b>\$ 69.22</b>	<b>525,978</b>	<b>\$ 34,601,048</b>	<b>\$ 65.78</b>
<b>FY 18 Actual</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>
Member Towns	31,215	\$ 2,128,839	\$ 68.20	305,633	\$ 20,841,711	\$ 68.19
Other Contracts	16	\$ 830	\$ 50.61	21,326	\$ 1,149,149	\$ 53.88
Waste Haulers	15,714	\$ 1,100,013	\$ 70.00	148,671	\$ 10,407,127	\$ 70.00
Spot	-	\$ -	\$ -	3,718	\$ 145,795	\$ 39.21
<b>Total</b>	<b>46,946</b>	<b>\$ 3,229,681</b>	<b>\$ 68.80</b>	<b>479,348</b>	<b>\$ 32,543,782</b>	<b>\$ 67.89</b>
<b>Variance</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>	<b>Tons</b>	<b>Revenue</b>	<b>Price</b>
Member Towns	(390)	\$ (48,507)	\$ (0.69)	13	\$ (209,577)	\$ (0.69)
Other Contracts	16	\$ 830	\$ 50.61	(48,888)	\$ (2,291,331)	\$ 4.88
Waste Haulers	2,250	\$ 157,533	\$ -	11,887	\$ 832,247	\$ 0.00
Spot	-	\$ -	\$ -	(9,642)	\$ (388,605)	\$ (0.79)
<b>Total</b>	<b>1,877</b>	<b>\$ 109,855</b>	<b>\$ (0.43)</b>	<b>(46,630)</b>	<b>\$ (2,057,266)</b>	<b>\$ 2.11</b>
<b>Total % Var.</b>	<b>4.2%</b>	<b>3.5%</b>	<b>-0.6%</b>	<b>-8.9%</b>	<b>-5.9%</b>	<b>3.2%</b>

**Current Month Average Price / Ton**



**YTD Average Price / Ton**



CSWS Recycling Facility (Deliveries)

Period Ending:

**April 30, 2018**

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
<b>FCR Delivery Revenue</b>	<b>\$ 57,498</b>	<b>\$ 82,283</b>	<b>\$ 24,786</b>	<b>\$ 571,035</b>	<b>\$ 787,324</b>	<b>\$ 216,289</b>
FCR Export Revenue	\$ 21,889	\$ 47,576	\$ 25,687	\$ 234,065	\$ 549,781	\$ 315,716
Non Participating Tip Fee	\$ 5,400	\$ 4,003	\$ (1,397)	\$ 54,000	\$ 33,152	\$ (20,848)
Total	\$ 84,787	\$ 133,862	\$ 49,076	\$ 859,100	\$ 1,370,256	\$ 511,156
Total % Var.			58%			59%

Current Month Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Delivery Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	-	\$ 8.50	\$ -	-	\$ 7.50	\$ -	\$ -
Residential Single	4,151.00	\$ 8.50	\$ 35,284	940	\$ 7.50	\$ 7,050	\$ 42,334
Commercial	7.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	223	\$ 68.00	\$ 15,164	\$ 15,164
<b>Total</b>	<b>4,158.00</b>	<b>\$ 8.49</b>	<b>\$ 35,284</b>	<b>1,163</b>	<b>\$ 19.10</b>	<b>\$ 22,214</b>	<b>\$ 57,498</b>
<b>Current Month Actual</b>							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	5,311.47	\$ 8.50	\$ 45,147	593	\$ 7.50	\$ 4,444	\$ 49,591
Commercial	8.88	\$ -	\$ -	100	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	481	\$ 68.00	\$ 32,692	\$ 32,692
<b>Total</b>	<b>5,320.35</b>	<b>\$ 8.49</b>	<b>\$ 45,147</b>	<b>1,173</b>	<b>\$ 31.65</b>	<b>\$ 37,136</b>	<b>\$ 82,283</b>
<b>Current Month Variance</b>							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	1,160.47	-	9,864	(347)	-	(2,606)	\$ 7,258
Commercial	1.88	-	-	100	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	258	-	17,528	\$ 17,528
<b>Total</b>	<b>1,162.35</b>	<b>\$ 0.00</b>	<b>\$ 9,864</b>	<b>10</b>	<b>\$ -</b>	<b>\$ 14,922</b>	<b>\$ 24,786</b>

Year To Date Budget	Deliveries CSWS Sourced			Deliveries FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential Dual	-	\$ 8.50	\$ -	-	\$ 7.50	\$ -	\$ -
Residential Single	43,486.00	\$ 8.50	\$ 369,631	8,240	\$ 7.50	\$ 61,800	\$ 431,431
Commercial	95.00	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	2,053	\$ 68.00	\$ 139,604	\$ 139,604
<b>Total</b>	<b>43,581.00</b>	<b>\$ 8.48</b>	<b>369,631.00</b>	<b>10,293</b>	<b>\$ 19.57</b>	<b>\$ 201,404</b>	<b>\$ 571,035</b>
<b>Year To Date Actual</b>							
Residential Dual	-	n/a	\$ -	-	n/a	\$ -	\$ -
Residential Single	48,211.00	\$ 8.50	\$ 409,794	4,324	\$ 7.50	\$ 32,427	\$ 442,221
Commercial	75.67	\$ -	\$ -	1,060	\$ -	\$ -	\$ -
Total Paid Residue	n/a	n/a	n/a	5,075	\$ 68.00	\$ 345,103	\$ 345,103
<b>Total</b>	<b>48,286.67</b>	<b>\$ 8.49</b>	<b>409,793.50</b>	<b>10,459</b>	<b>\$ 36.10</b>	<b>\$ 377,531</b>	<b>\$ 787,324</b>
<b>Year To Date Variance</b>							
Residential Dual	-	n/a	-	-	n/a	-	\$ -
Residential Single	4,725.00	-	40,163	(3,916)	-	(29,373)	\$ 10,790
Commercial	(19.33)	-	-	1,060	-	-	\$ -
Total Paid Residue	n/a	n/a	n/a	3,022	-	205,499	\$ 205,499
<b>Total</b>	<b>4,705.67</b>	<b>0.01</b>	<b>40,162.50</b>	<b>166</b>	<b>\$ 16.53</b>	<b>\$ 176,127</b>	<b>\$ 216,289</b>



CSWS Recycling Facility (Exports)

Period Ending:

**April 30, 2018**

	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
FCR Delivery Revenue	\$ 57,498	\$ 82,283	\$ 24,786	\$ 571,035	\$ 787,324	\$ 216,289
<b>FCR Export Revenue</b>	<b>\$ 21,889</b>	<b>\$ 47,576</b>	<b>\$ 25,687</b>	<b>\$ 234,065</b>	<b>\$ 549,781</b>	<b>\$ 315,716</b>
Non Participating Tip Fee	\$ 5,400	\$ 4,003	\$ (1,397)	\$ 54,000	\$ 33,152	\$ (20,848)
Total	\$ 84,787	\$ 133,862	\$ 49,076	\$ 859,100	\$ 1,370,256	\$ 511,156
Total % Var.			58%			59%

Current Month Budget	Exports CSWS Sourced			Exports FCR Sourced			Export Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	1,889.00	\$ 3.00	\$ 5,668	417	\$ 1.00	\$ 417	\$ 6,085
Residential OCC	711.00	\$ 16.01	\$ 11,381	159	\$ 2.99	\$ 476	\$ 11,857
Residential Containers	1,156.00	\$ 3.00	\$ 3,469	260	\$ 0.50	\$ 130	\$ 3,599
Commercial	7.00	\$ 49.71	\$ 348	-	\$ -	\$ -	\$ 348
Total	3,763.00	\$ 5.55	\$ 20,866	836	\$ 1.22	\$ 1,023	\$ 21,889
<b>Current Month Actual</b>							
Residential ONP	2,418.10	\$ -	\$ -	270	\$ -	\$ -	\$ -
Residential OCC	1,052.90	\$ 9.00	\$ 9,476	117	\$ 1.80	\$ 211	\$ 9,687
Residential Containers	1,609.28	\$ 22.56	\$ 36,302	180	\$ 4.51	\$ 810	\$ 37,112
Commercial	8.88	\$ 3.18	\$ 28	100	\$ 7.49	\$ 749	\$ 777
Total	5,089.16	\$ 9.00	\$ 45,806	667	\$ 2.65	\$ 1,770	\$ 47,576
<b>Current Month Variance</b>							
Residential ONP	529.10	\$ (3.00)	(5,668)	(147)	\$ (1.00)	(417)	\$ (6,085)
Residential OCC	341.90	\$ (7.01)	(1,905)	(42)	\$ (1.19)	(265)	\$ (2,170)
Residential Containers	453.28	\$ 19.56	32,833	(80)	\$ 4.01	680	\$ 33,513
Commercial	1.88	\$ (46.53)	(320)	100	\$ 7.49	749	\$ 429
Total	1,326.16	\$ 3.46	\$ 24,940	(169)	\$ 1.43	\$ 747	\$ 25,687

Year To Date Budget	Exports CSWS Sourced			Exports FCR Sourced			Total Revenue
	Tons	Rate	Revenue	Tons	Rate	Revenue	
Residential ONP	19,260.00	\$ 3.00	\$ 57,785	3,675	\$ 1.00	\$ 3,675	\$ 61,460
Residential OCC	7,853.00	\$ 16.00	\$ 125,642	1,494	\$ 3.00	\$ 4,488	\$ 130,130
Residential Containers	12,185.00	\$ 3.00	\$ 36,555	2,326	\$ 0.50	\$ 1,163	\$ 37,718
Commercial	95.00	\$ 50.07	\$ 4,757	-	\$ -	\$ -	\$ 4,757
Total	39,393.00	\$ 5.71	\$ 224,739	7,495	\$ 1.24	\$ 9,326	\$ 234,065
<b>Year To Date Actual</b>							
Residential ONP	18,854.40	\$ 4.53	\$ 85,449	1,645	\$ 0.88	\$ 1,449	\$ 85,449
Residential OCC	9,725.52	\$ 27.58	\$ 268,195	876	\$ 5.21	\$ 4,566	\$ 268,195
Residential Containers	12,755.97	\$ 13.38	\$ 170,731	1,089	\$ 3.29	\$ 3,584	\$ 170,731
Commercial	75.67	\$ 56.81	\$ 4,299	1,060	\$ 10.86	\$ 11,508	\$ 4,299
Total	41,411.56	\$ 12.77	\$ 528,673	4,670	\$ 4.52	\$ 21,108	\$ 549,781
<b>Year To Date Variance</b>							
Residential ONP	(405.60)	\$ 1.53	27,664	(2,030)	\$ (0.12)	(2,226)	\$ 25,438
Residential OCC	1,872.52	\$ 11.58	142,553	(618)	\$ 2.21	78	\$ 142,631
Residential Containers	570.97	\$ 10.38	134,176	(1,237)	\$ 2.79	2,421	\$ 136,597
Commercial	(19.33)	\$ 6.74	(458)	1,060	\$ 10.86	11,508	\$ 11,050
Total	2,018.56	\$ 7.06	\$ 303,934	(2,825)	\$ 3.28	\$ 11,782	\$ 315,716

Period Ending: **April 30, 2018**

**Metal Sales**

FY 2018	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	1,654.17	47,812.50	\$ 28.90	1,673.36	\$ 93,632	\$ 55.95	19.19	\$ 45,820	\$ 27.05
August	1,654.17	47,812.50	\$ 28.90	1,797.37	\$ 117,487	\$ 65.37	143.20	\$ 69,674	\$ 36.46
September	1,654.17	47,812.50	\$ 28.90	1,302.60	\$ 83,785	\$ 64.32	(351.57)	\$ 35,972	\$ 35.42
October	1,654.17	47,812.50	\$ 28.90	1,463.38	\$ 114,723	\$ 78.40	(190.79)	\$ 66,910	\$ 49.49
November	1,654.17	47,812.50	\$ 28.90	1,671.17	\$ 86,461	\$ 51.74	17.00	\$ 38,649	\$ 22.83
December	1,654.17	47,812.50	\$ 28.90	1,556.42	\$ 104,928	\$ 67.42	(97.75)	\$ 57,116	\$ 38.51
January	1,654.17	47,812.50	\$ 28.90	1,410.82	\$ 102,821	\$ 72.88	(243.35)	\$ 55,008	\$ 43.98
February	1,654.17	47,812.50	\$ 28.90	1,438.85	\$ 110,204	\$ 76.59	(215.32)	\$ 62,392	\$ 47.69
March	1,654.17	47,812.50	\$ 28.90	1,179.62	\$ 100,902	\$ 85.54	(474.55)	\$ 53,089	\$ 56.63
April	1,654.17	47,812.50	\$ 28.90	1,742.54	\$ 162,539	\$ 93.28	88.37	\$ 114,726	\$ 64.37
May	1,654.17	47,812.50	\$ 28.90	-	\$ -	n/a	n/a	n/a	n/a
June	1,654.17	47,812.50	\$ 28.90	-	\$ -	n/a	n/a	n/a	n/a
<b>YTD</b>	<b>16,541.67</b>	<b>\$ 478,125</b>	<b>\$ 28.90</b>	<b>15,236.13</b>	<b>\$ 1,077,481</b>	<b>\$ 70.72</b>	<b>(1,305.54)</b>	<b>\$ 599,356</b>	<b>\$ 41.81</b>

**Excess Ferrous Residue**

FY 2018	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	368.00	\$ 14,720	\$ 40.00	230.66	\$ 9,226	\$ 40.00	(137.34)	(5,493.80)	\$ (0.00)
August	368.00	\$ 14,720	\$ 40.00	238.36	\$ 9,534	\$ 40.00	(129.64)	(5,185.60)	\$ -
September	331.00	\$ 13,240	\$ 40.00	226.09	\$ 9,044	\$ 40.00	(104.91)	(4,196.40)	\$ -
October	147.00	\$ 5,880	\$ 40.00	380.90	\$ 15,236	\$ 40.00	233.90	9,356.00	\$ -
November	331.00	\$ 13,240	\$ 40.00	231.23	\$ 9,249	\$ 40.00	(99.77)	(3,990.80)	\$ -
December	331.00	\$ 13,240	\$ 40.00	163.37	\$ 6,535	\$ 40.00	(167.63)	(6,705.20)	\$ -
January	331.00	\$ 13,240	\$ 40.00	96.89	\$ 3,876	\$ 40.00	(234.11)	(9,364.40)	\$ -
February	331.00	\$ 13,240	\$ 40.00	398.75	\$ 15,950	\$ 40.00	67.75	2,710.00	\$ -
March	331.00	\$ 13,240	\$ 40.00	382.61	\$ 15,304	\$ 40.00	51.61	2,064.40	\$ -
April	74.00	\$ 2,960	\$ 40.00	270.34	\$ 10,814	\$ 40.00	196.34	7,853.60	\$ -
May	331.00	\$ 13,240	\$ 40.00	-	\$ -	n/a			
June	401.00	\$ 16,040	\$ 40.00	-	\$ -	n/a			
<b>YTD</b>	<b>2,943.00</b>	<b>117,720.00</b>	<b>\$ 40.00</b>	<b>2,619.20</b>	<b>104,767.80</b>	<b>\$ 40.00</b>	<b>(323.80)</b>	<b>(12,952.20)</b>	<b>(0.00)</b>

**Total Metal Sales and Excess Residue**

FY 2018	Budget			Actual			Variance Better (Worse) than Budget		
	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton	Tons	Revenue	Rate per Ton
July	2,022.17	62,533	\$ 30.92	1,904.02	102,858.34	\$ 54.02	(118.15)	40,325.84	23.10
August	2,022.17	62,533	\$ 30.92	2,035.73	127,021.31	\$ 62.40	13.56	64,488.81	31.47
September	1,985.17	61,053	\$ 30.75	1,528.69	92,828.17	\$ 60.72	(456.48)	31,775.67	29.97
October	1,801.17	53,693	\$ 29.81	1,844.28	129,958.94	\$ 70.47	43.11	76,266.44	40.66
November	1,985.17	61,053	\$ 30.75	1,902.40	95,710.30	\$ 50.31	(82.77)	34,657.80	19.56
December	1,985.17	61,053	\$ 30.75	1,719.79	111,462.92	\$ 64.81	(265.38)	50,410.42	34.06
January	1,985.17	61,053	\$ 30.75	1,507.71	106,696.16	\$ 70.77	(477.46)	45,643.66	40.01
February	1,985.17	61,053	\$ 30.75	1,837.60	126,154.10	\$ 68.65	(147.57)	65,101.60	37.90
March	1,985.17	61,053	\$ 30.75	1,562.23	116,206.15	\$ 74.38	(422.94)	55,153.65	43.63
April	1,728.17	50,773	\$ 29.38	2,012.88	173,352.46	\$ 86.12	284.71	122,579.96	56.74
May	1,985.17	61,053	\$ 30.75	-	-	n/a			
June	2,055.17	63,853	\$ 31.07	-	-	n/a			
<b>YTD</b>	<b>19,484.67</b>	<b>595,845</b>	<b>\$ 30.58</b>	<b>17,855.33</b>	<b>1,182,249</b>	<b>\$ 66.21</b>	<b>(1,629.34)</b>	<b>586,403.85</b>	<b>35.63</b>

Materials Innovation and Recycling Authority  
 FY 2018 Board of Directors Financial Report

Narrative

Property Division Monthly Financial Report

Period Ending: **April 30, 2018**

	Current Month		Variance Better (Worse) than Budget		Year to Date		Variance Better (Worse) than Budget	
	Budget	Actual	\$	%	Budget	Actual	\$	%
<b>REVENUES</b>								
Jets Electric:								
Capacity Payments	\$ 1,043,529	\$ 1,062,943	\$ 19,414	1.9%	\$ 10,435,290	\$ 10,621,370	\$ 186,080	1.8%
VARs Payments	\$ 4,200	\$ 3,593	\$ (607)	-14.5%	\$ 42,000	\$ 112,328	\$ 70,328	167.4%
Reserve Credits	\$ 50,000	\$ 79,028	\$ 29,028	58.1%	\$ 500,000	\$ 1,081,769	\$ 581,769	116.4%
Real Time Energy	\$ 12,833	\$ -	\$ (12,833)	n/a	\$ 128,330	\$ 322,513	\$ 194,183	151.3%
Total Jets Electric	\$ 1,110,562	\$ 1,145,564	\$ 35,002	3.2%	\$ 11,105,620	\$ 12,137,980	\$ 1,032,360	9.3%
Lease Income:								
CSWS Murphy Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Golf Center	\$ 1,513	\$ 1,664	\$ 151	10.0%	\$ 15,125	\$ 15,428	\$ 303	2.0%
Wheelabrator Lease	\$ 35,946	\$ 35,946	\$ -	0.0%	\$ 359,457	\$ 359,457	\$ -	0.0%
Jets Billboard	\$ -	\$ -	\$ -	n/a	\$ 45,350	\$ 45,350	\$ -	0.0%
Total Lease Income	\$ 37,458	\$ 37,609	\$ 151	0.4%	\$ 419,932	\$ 420,234	\$ 303	0.1%
South Central Facility Capacity	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ 1,725	\$ 1,725	n/a
Interest Income	\$ -	\$ -	\$ -	n/a	\$ 7,500	\$ 106,863	\$ 99,363	1325%
<b>TOTAL ACCRUED REVENUES</b>	\$ 1,148,020	\$ 1,183,173	\$ 35,153	3.1%	\$ 11,533,052	\$ 12,666,802	\$ 1,133,750	9.8%
<b>EXPENDITURES</b>								
MIRA Non-Personnel Services	\$ 18,439	\$ 9,869	\$ 8,570	46.5%	\$ 193,720	\$ 143,938	\$ 49,782	25.7%
MIRA Personnel Services	\$ 62,397	\$ 54,711	\$ 7,686	12.3%	\$ 654,764	\$ 593,512	\$ 61,252	9.4%
Railroad Maintenance	\$ -	\$ -	\$ -	n/a	\$ 10,000	\$ 9,551	\$ 450	4.5%
211 Murphy Road Ops. Center	\$ -	\$ -	\$ -	n/a	\$ -	\$ (605)	\$ 605	n/a
1410 Honey Spot Road	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
171 Murphy Road	\$ 3,870	\$ 2,064	\$ 1,806	46.7%	\$ 23,220	\$ 16,636	\$ 6,584	28.4%
Education & Trash Museum	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
South Central Facility Operating C	\$ -	\$ -	\$ -	n/a	\$ -	\$ -	\$ -	n/a
Jets Operating Charges	\$ 173,589	\$ 68,456	\$ 105,133	60.6%	\$ 1,493,769	\$ 1,137,988	\$ 355,781	23.8%
<b>TOTAL ACCRUED EXPENDITURES</b>	\$ 258,295	\$ 135,100	\$ 123,195	47.7%	\$ 2,375,473	\$ 1,901,020	\$ 474,454	20.0%
<b>OPERATING INCOME</b>								
(Before Reserves / Transfers)	\$ 889,725	\$ 1,048,073	\$ 158,348	17.8%	\$ 9,157,579	\$ 10,765,782	\$ 1,608,204	17.6%
<b>DISTRIBUTION OF PD OPERATING INCOME</b>								
General Fund Reimbursement	\$ -	\$ -	\$ -	n/a	\$ 422,000	\$ 422,000	\$ -	0.0%
Jets major Maintenance	\$ -	\$ -	\$ -	n/a	\$ 703,000	\$ 703,000	\$ -	0.0%
PD Improvement Fund	\$ 15,833	\$ 15,833	\$ -	0.0%	\$ 158,330	\$ 158,330	\$ -	0.0%
<b>TOTAL DISTRIBUTIONS</b>	\$ 15,833	\$ 15,833	\$ -	0.0%	\$ 158,330	\$ 158,330	\$ -	0.0%
<b>SURPLUS / (DEFICIT)</b>	\$ 873,892	\$ 1,032,240	\$ 158,348	18.1%	\$ 8,999,249	\$ 10,607,452	\$ 1,608,204	17.9%



Property Division and CSWS Flow of Funds

Period Ending: **April 30, 2018**  
 Transfer Date: **May 9, 2018**  
 Funding: **June 2018**

Property Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 1,000.00		\$ 1,133,869.29		\$ 1,133,869.29	\$ 1,000.00
<b>Property Division Disbursements</b>						
Property Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating Fund	\$ 1,553,393.32	\$ 3,162.76	\$ 175,793.52		\$ 385,922.24	\$ 1,766,684.80
PD General Fund	\$ 8,436,576.10	\$ 11,446.20		\$ (450,341.75)		\$ 7,997,680.55
PD Improvement Fund	\$ 131,567.99		\$ 17,500.00		\$ 15,837.00	\$ 129,904.99
Jets Major Maintenance	\$ 703,000.00					\$ 703,000.00
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below					Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ 732,110.05	Combined Below
<b>Total</b>	<b>\$ 10,824,537.41</b>	<b>\$ 14,608.96</b>	<b>\$ 193,293.52</b>	<b>\$ (450,341.75)</b>	<b>\$ 1,133,869.29</b>	<b>\$ 10,597,270.34</b>
<b>CSWS Division Receipts</b>						
CSWS Division Receipts	Beginning Balance	Interest [+]	Receipts [+]	Adjustments [+(-)]	Net Receipts to Distribution [-]	Ending Balance
Clearing Account	\$ 40,000.00		\$ 3,256,864.77		\$ 3,256,864.77	\$ 40,000.00
<b>CSWS Division Disbursements</b>						
CSWS Division Disbursements	Beginning Balance	Interest [+]	Expenditures [-]	Adjustments [+(-)]	Distribution of Net Receipts [+(-)]	Ending Balance
Operating STIF	\$ 7,117,673.36	\$ 13,438.99	\$ 4,352,303.58		\$ 5,519,300.01	\$ 8,298,108.78
Debt Service Fund	\$ 3,875.01					\$ 3,875.01
General Fund	\$ 1,054.84	\$ 1.50				\$ 1,056.34
CSWS Risk Fund	\$ 859,016.94	\$ 1,213.30				\$ 860,230.24
CSWS Legal Fund	\$ 611,936.66	\$ 864.33				\$ 612,800.99
Severance Fund	Combined Below					Combined Below
CSWS Improvement Fund	Combined Below				\$ 539,266.00	Combined Below
CSWS Tip Fee Stabilization	Combined Below				\$ (2,801,701.24)	Combined Below
<b>Total</b>	<b>\$ 8,593,556.81</b>	<b>\$ 15,518.12</b>	<b>\$ 4,352,303.58</b>	<b>\$ -</b>	<b>\$ 3,256,864.77</b>	<b>\$ 9,776,071.36</b>
<b>Combined</b>						
Severance Fund	\$ 722,078.30	\$ 1,019.86			\$ -	\$ 723,098.16
CSWS Improvement Fund	\$ 4,371,445.17		\$ 91,797.00		\$ 539,266.00	\$ 4,818,914.17
CSWS Tip Fee Stabilization	\$ 5,701,200.13	\$ 8,450.04			\$ (2,069,591.19)	\$ 3,640,058.98
<b>Other Division Balances</b>						
Other Division Balances	Beginning Balance	Interest [+]	Receipts [+]	Expenditures [-]	Adjustments [+(-)]	Ending Balance
General Fund Checking	\$ 950,634.74		\$ 1,145,760.56	\$ 1,179,419.79		\$ 916,975.51
Hartford Solar Reserve	\$ 320,716.91	\$ 453.00				\$ 321,169.91
Pollution Insurance Reserve	\$ 180,403.25	\$ 254.81				\$ 180,658.06
Landfill Operating Account	\$ 2,607,548.17		\$ 7,063.00	\$ 10,179.31		\$ 2,604,431.86

Mark T. Daley, Chief Financial Officer

Ending balances include the fund transfers represented on this flow of funds as a distribution. Excludes receipt of customer security deposits / guarantees of payment and Mid-Connecticut reserves not subject to disbursement or funding in accordance with adopted flow of funds. In February 2017 the Board approved the transfer of up to \$1,886,564 from the PD General Fund to the CSWS Tip Fee Stabilization Fund, YTD \$1,886,564 has been transferred. YTD the CSWS Operating Fund has been short funded by \$2,284,810.15. \$450,341.75 was transferred to the Mid-Con Post Project Account as part of a \$500,000 settlement payment related to litigation. At the beginning of January 2018, CSWS received \$8,200,170 in prepaid tip fees from waste haulers. This revenue flowed to the CSWS Operating STIF account and was used to reimburse the Tip Fee Stabilization Fund. As of April 30, 2018, \$2,919,118 in prepaid tip fees have been applied to pay customer invoices and \$5,281,052 remained available on customer accounts. After the distribution of April receipts, \$22,345,207.79 remained due to the Tip Fee Stabilization Fund from CSWS. YTD \$7,504,906.90 has been contributed to the CSWS Tip Fee Stabilization reserve from receipts.



Materials Innovation and Recycling Authority  
 FY 2018 Board of Directors Financial Report  
 CSWS Improvement Fund Status

*Narrative*

Period Ending: **04/30/18**

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	Current Month			Year to Date		
	Budget	Actual	Variance	Budget	Actual	Variance
<b>WASTE PROCESSING FACILITY</b>						
Trommels	\$ -	\$ -	\$ -	\$ 100,000	\$ 65,316	\$ 34,684
Conveyors	\$ 50,000	\$ -	\$ 50,000	\$ 450,000	\$ 31,950	\$ 418,050
MSW / RDF Tip Floor Repairs	\$ -	\$ -	\$ -	\$ 340,000	\$ 63,100	\$ 276,900
Building Repairs	\$ -	\$ -	\$ -	\$ -	\$ (12,640)	\$ 12,640
Roof Repairs	\$ -	\$ -	\$ -	\$ 120,000	\$ 86,000	\$ 34,000
Loaders	\$ 100,000	\$ -	\$ 100,000	\$ 560,000	\$ 59,304	\$ 500,696
Other Rolling Stock	\$ -	\$ -	\$ -	\$ 60,000	\$ 64,172	\$ (4,172)
Site Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WPF Sub-total	\$ 150,000	\$ -	\$ 150,000	\$ 1,630,000	\$ 357,202	\$ 1,272,798
<b>POWER BLOCK FACILITY</b>						
Boiler 11	\$ 2,098,000	\$ -	\$ 2,098,000	\$ 2,398,000	\$ 370,115	\$ 2,027,885
Boiler 12	\$ -	\$ -	\$ -	\$ 2,470,000	\$ 2,810,410	\$ (340,410)
Boiler 13	\$ -	\$ -	\$ -	\$ 1,126,000	\$ 3,116,263	\$ (1,990,263)
Turbine 6	\$ -	\$ -	\$ -	\$ 2,801,667	\$ 168,713	\$ 2,632,954
Baghouse	\$ -	\$ 40,250	\$ (40,250)	\$ 700,000	\$ 3,314,758	\$ (2,614,758)
Auxiliary Systems	\$ 100,000	\$ 51,547	\$ 48,453	\$ 720,000	\$ 220,265	\$ 499,735
Building Repairs	\$ 60,000	\$ -	\$ 60,000	\$ 260,000	\$ -	\$ 260,000
Roof Repairs	\$ 100,000	\$ -	\$ 100,000	\$ 150,000	\$ 306,604	\$ (156,604)
Site Repairs	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Switch Yard / Switchgear	\$ 50,000	\$ -	\$ 50,000	\$ 75,000	\$ -	\$ 75,000
Stack / Common Duct	\$ 1,535,000	\$ -	\$ 1,535,000	\$ 1,535,000	\$ -	\$ 1,535,000
Ash System / Load Out	\$ 70,000	\$ -	\$ 70,000	\$ 530,000	\$ 97,125	\$ 432,875
PBF Sub-total	\$ 4,013,000	\$ 91,797	\$ 3,921,203	\$ 12,815,667	\$ 10,404,253	\$ 2,411,414
<b>RECYCLING FACILITY</b>	\$ -	\$ 18,025	\$ (18,025)	\$ -	\$ 18,025	\$ (18,025)
<b>TOTAL CSWS IMPROVEMENT FUND</b>	\$ 4,163,000	\$ 91,797	\$ 4,071,203	\$ 14,445,667	\$ 10,761,455	\$ 3,684,212

Materials Innovation and Recycling Authority  
FY 2018 Board of Directors Financial Report

DRAFT

Segmented Income Statement

Period Ending: April 30, 2018

	General Fund	Connecticut Solid Waste System	Mid-Connecticut Project	Southeast Project	Property Division	Landfill Division	Eliminations	Total
<b>Operating Revenues</b>								
Service charges:								
Members	\$ -	\$ 20,842	\$ -	\$ -	\$ -			\$ 20,842
Others	-	11,890	-	-	-			11,890
Energy sales	-	13,518	-	-	12,138	108		25,764
Other operating revenues	-	2,650	-	-	422	-		3,072
<b>Total Operating Revenues</b>	-	48,900	-	-	12,560	108	-	61,568
<b>Operating Expenses</b>								
Solid waste operations	-	41,782	2,028	-	1,037	62	(327)	44,582
Maintenance and utilities	-	659	-	-	111	(7)		763
Legal services - external	-	18	84	-	8	(54)		56
Administrative and Operational services	8	3,178	-	-	573	93		3,852
<b>Total Operating Expenses</b>	8	45,637	2,112	-	1,729	94	(327)	49,253
<b>Operating Income (Loss) before Depreciation and Amortization</b>	(8)	3,263	(2,112)	-	10,831	14	327	12,315
Depreciation and amortization	22	-	-	-	15,180	103	0	15,305
<b>Operating Income (Loss)</b>	(30)	3,263	(2,112)	-	(4,349)	(89)	327	(2,990)
<b>Non-Operating Revenues (Expenses)</b>								
Investment income	-	90	58	-	107	1	-	256
Settlement income (expenses)	-	-	1,924	-	1,510	-	-	3,434
Other income (expenses)	1	-	(3,412)	-	(321)	-	-	(3,732)
Distribution to SCRRA	-	-	-	(656)	-	-	-	(656)
<b>Non-Operating Revenues (Expenses), net</b>	1	90	(1,430)	(656)	1,296	1	-	(698)
<b>Income (Loss) before Transfers</b>	(29)	3,353	(3,542)	(656)	(3,053)	(88)	327	(3,688)
Transfers in (out)	-	(7,841)	(2,510)	(406)	8,466	2,618	(327)	-
<b>Change in Net Position</b>	(29)	(4,488)	(6,052)	(1,062)	5,413	2,530	-	(3,688)
<b>Total Net Position, beginning of period</b>	1,734	12,300	7,983	1,062	84,317	19,205	-	126,601
<b>Total Net Position, end of period</b>	\$ 1,705	\$ 7,812	\$ 1,931	\$ -	\$ 89,730	\$ 21,735	\$ -	\$ 122,913
<b>RECONCILIATION TO VARIANCE REPORT:</b>								
Add: Expenses paid from reserves	-	-	-	-	18	-	-	18
Add: Amortization	22	-	-	-	15,180	103	-	15,305
less: GAAP Exp (Deferred for Budget)	-	-	-	-	-	-	-	-
add: Spare parts and fuel inventory adjustment	-	(282)	-	-	(111)	-	-	(393)
add: Capitalized expenses net of asset disposals	-	-	-	-	242	-	-	242
add: Settlement Income	-	-	-	-	(1,510)	-	-	(1,510)
<b>Operating Income (Loss) per Variance report</b>	n/a	3,071	n/a	n/a	10,766	n/a	n/a	13,837

ties with CSWS financials tab

ties with PD financials tab

Page 12 of 12 Pages

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

Note: Eliminations and depreciation are preliminary amounts.

**THE AUTHORITY - FINANCIAL RESULTS**

*For the Period Ending April 30, 2018*

DETAILS	MONTH TO DATE				YEAR TO DATE			
	Budget	Actual	Variance		Budget	Actual	Variance	
<b>Line EXPENDITURES</b>								
<b>PERSONNEL SERVICES ALLOCATION</b>								
1 Total Personnel Services	\$ 354,529	\$ 306,488	\$ 48,041	13.55%	\$ 3,720,254	\$ 3,299,275	\$ 420,979	11.32%
2 LESS: MIRA Direct Personnel	\$ 146,736	\$ 139,356	\$ 7,380	5.03%	\$ 1,539,778	\$ 1,442,843	\$ 96,935	6.30%
<b>AUTHORITY BUDGET</b>								
3 Authority Indirect Personnel	\$ 207,793	\$ 167,132	\$ 40,661	19.57%	\$ 2,180,476	\$ 1,856,432	\$ 324,044	14.86%
4 ADD: Authority Indirect Non-Personnel Services	\$ 71,437	\$ 47,669	\$ 23,768	33.27%	\$ 749,620	\$ 564,021	\$ 185,599	24.76%
5 LESS: Miscellaneous Income	\$ -	\$ -	\$ -	0.00%	\$ -	\$ 14,757	\$ (14,757)	0.00%
<b>SUBTOTAL AUTHORITY BUDGET</b>	<b>\$ 279,229</b>	<b>\$ 214,801</b>	<b>\$ 64,428</b>	<b>23.07%</b>	<b>\$ 2,930,096</b>	<b>\$ 2,405,696</b>	<b>\$ 524,400</b>	<b>17.90%</b>
<b>TOTAL ALLOCATION</b>								
6 Property Division	\$ 62,314	\$ 52,574	\$ 9,740	15.63%	\$ 653,894	\$ 573,341	\$ 80,553	12.32%
7 Landfill Division	\$ 10,359	\$ 8,860	\$ 1,499	14.47%	\$ 108,707	\$ 97,001	\$ 11,705	10.77%
8 Connecticut Solid Waste System (CSWS)	\$ 353,292	\$ 292,723	\$ 60,569	17.14%	\$ 3,707,274	\$ 3,178,197	\$ 529,077	14.27%
<b>SUBTOTAL ALLOCATED</b>	<b>\$ 425,966</b>	<b>\$ 354,157</b>	<b>\$ 71,809</b>	<b>16.86%</b>	<b>\$ 4,469,874</b>	<b>\$ 3,848,539</b>	<b>\$ 621,334</b>	<b>13.90%</b>

**Line YTD VARIANCE EXPLANATION**

- 1 Reflects total amount for MIRA Direct and Authority Indirect Personnel; Favorable due to reduction in budgeted positions and timing of benefit expenses.
- 2 Favorable due to one employee not receiving benefits and one unfilled position.
- 3 Favorable due to reduction in budgeted positions and timing of benefit expenses.
- 4 Favorable due to lower than budgeted office supplies, subscription, training, record retention services, IT consulting and legal fees and timing of IT maintenance costs, computer hardware/software, and auditor fees; offset by higher than budgeted temp services and other consulting services.
- 8 Favorable due to lower than budgeted direct and indirect labor & overhead allocation.

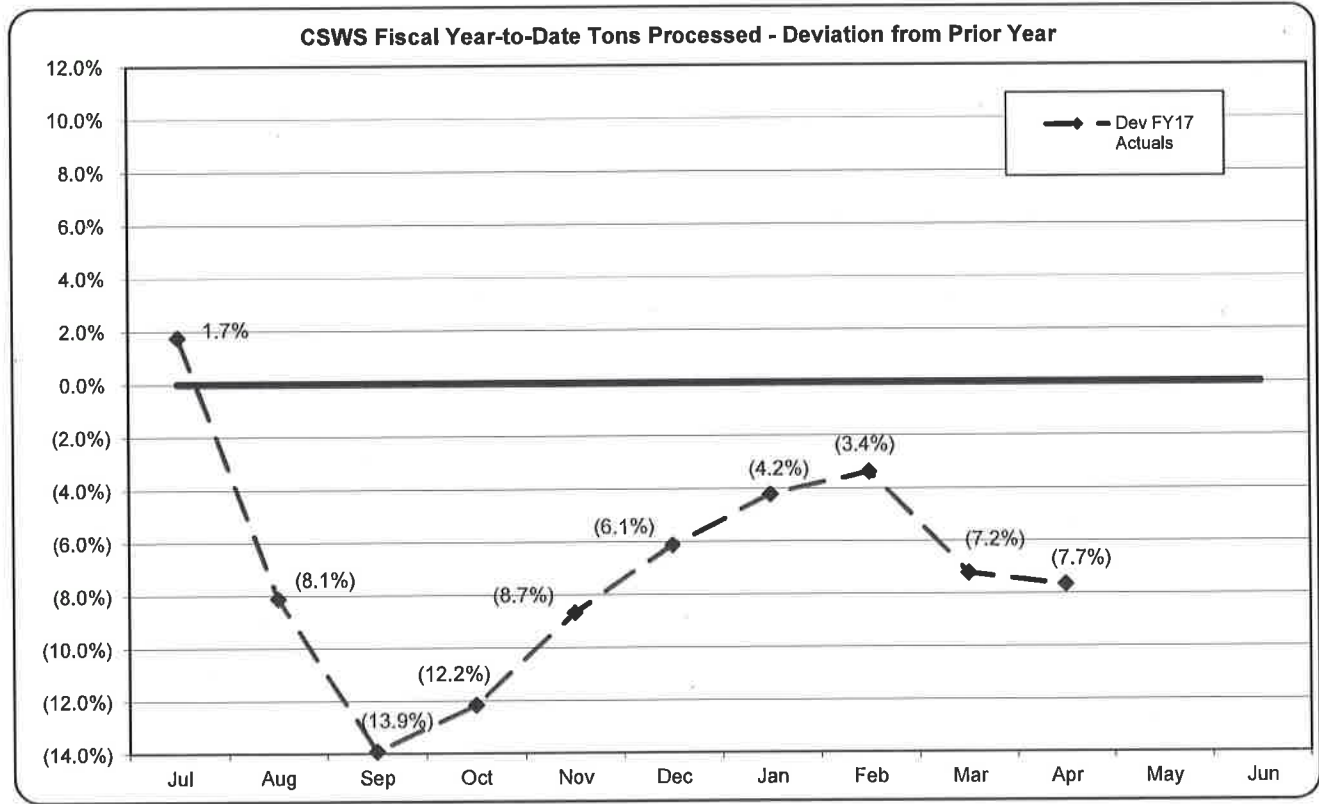
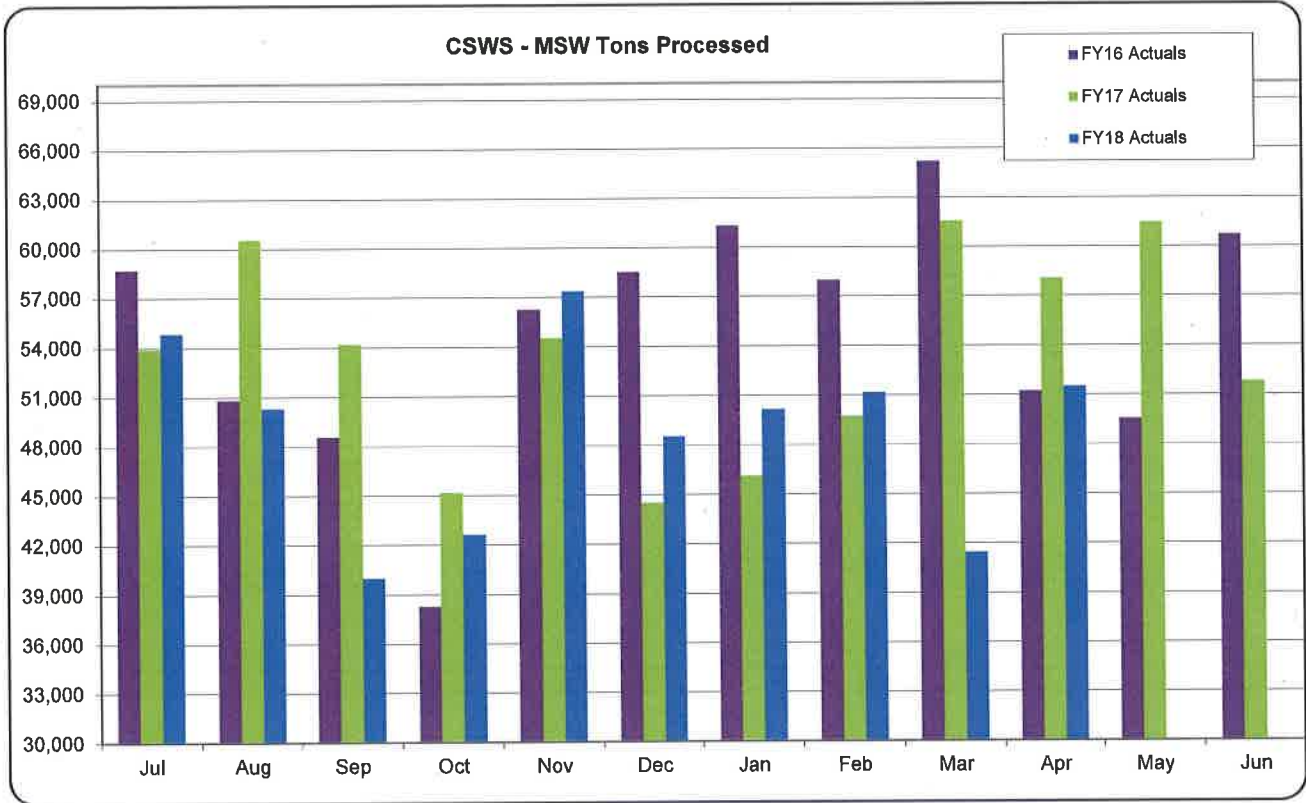
# TAB B



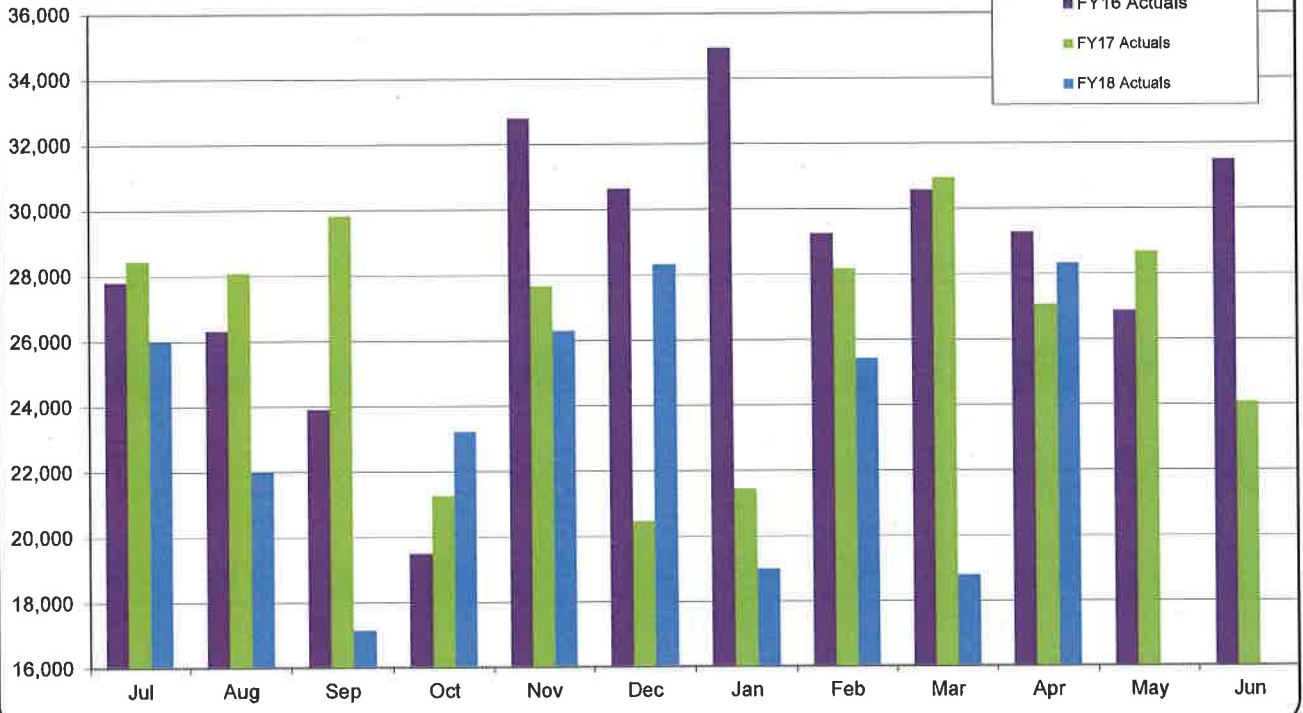
**MATERIALS INNOVATION AND RECYCLING AUTHORITY**  
**Monthly Operational Summary**  
April-18

This report provides information on the operations of the CSWS waste-to-energy plant along with the South Meadows Jets. The following table provides a summary of key operating parameters.

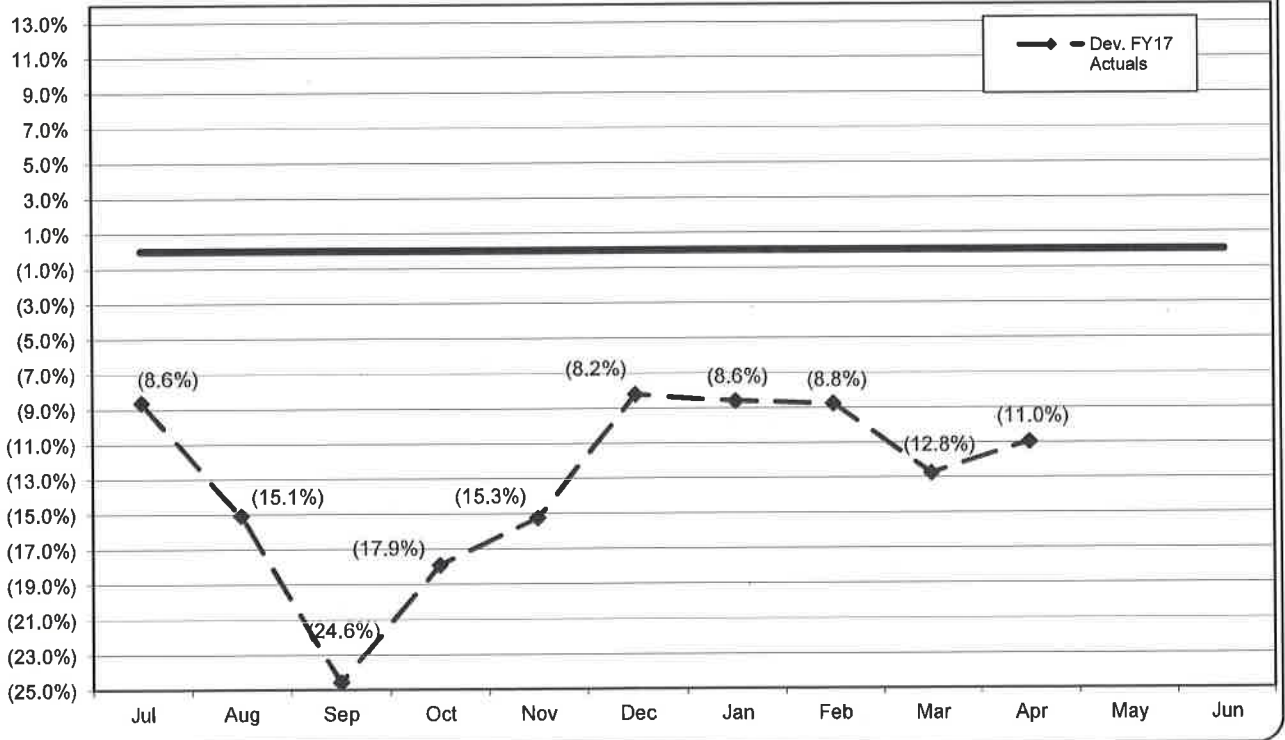
Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Change	2017	2018	Change	Apr 17	Apr 18	Change
<b>CSWS</b>									
Tons MSW Processed	656,915	641,541	(2.3%)	528,255	487,837	(7.7%)	58,072	51,513	(11.3%)
Steam (klbs)	4,324,840	4,082,029	(5.6%)	3,418,138	2,889,222	(15.5%)	338,531	327,707	(3.2%)
(% MCR)	71.2%	67.2%		67.6%	57.1%		67.8%	65.7%	
Power (Net MWh)	343,284	316,092	(7.9%)	263,328	234,444	(11.0%)	27,060	28,314	4.6%
<b>South Meadow Jets</b>									
Net MWh	1,635	1,298	(20.6%)	1,161	1,261	8.6%	48	0	(100.0%)



**CSWS - Net Power Produced**



**CSWS Fiscal Year-to-Date Power Sold - Deviation from Prior Year**



## CSWS Waste to Energy Plant Monthly Operational Summary

### Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Jul 17	70%	68%	56%
Aug 17	77%	39%	56%
Sep 17	74%	17%	48%
Oct 17	71%	42%	55%
Nov 17	73%	83%	35%
Dec 17	79%	64%	52%
Jan 18	60%	39%	43%
Feb 18	69%	70%	49%
Mar 18	68%	39%	24%
Apr 18	61%	54%	82%

### Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/26/17	07/27/17	11	40.90	Derailed Grate
07/31/17	07/31/17	11	24.00	Tube Bank Leaks / Waterwall Leak
07/12/17	07/16/17	12	108.10	Offline due to High Baghouse delta P and low load
07/24/17	07/27/17	13	73.00	Scrubber outlet duct plugged
08/01/17	08/02/17	11	28.90	Tube Bank Leaks / Waterwall Leak
08/03/17	08/04/17	11	13.10	Failed SSC Hydraulic Drive Motor
08/03/17	08/03/17	12	14.00	Derailed SSC / High Baghouse Delta P
08/04/17	08/08/17	12	97.10	PSH & SSH Leaks / High Baghouse Delta P
08/19/17	08/19/17	12	11.00	Derailed SSC
08/20/17	08/21/17	12	47.50	Derailed SSC / Major Tube Leak by CSU & PSH/SSH
08/02/17	08/02/17	13	1.50	High Baghouse Delta P
08/04/17	08/04/17	13	0.10	High Baghouse Delta P
08/09/17	08/12/17	13	80.80	PSH & SSH Leaks / Restricted Baghouse
08/24/17	08/26/17	13	54.10	Tube Leaks
08/29/17	08/31/17	12	62.90	Tube Leaks
08/29/17	08/31/17	13	72.00	High Baghouse Delta P / Multiple Hoses in Air Duct
09/11/17	09/11/17	11	9.80	Loss of RDF from Motor Breaker Issue
09/01/17	09/05/17	12	113.80	PSH & SSH Leaks
09/14/17	09/19/17	12	146.40	High Baghouse Delta P & Tube Leaks
09/01/17	09/02/17	13	44.90	High Baghouse Delta P & Holes in Air Duct
09/11/17	09/11/17	13	14.80	Loss of RDF from Motor Breaker Issue
09/12/17	09/16/17	13	106.10	PSH & SSH Leaks / Restricted Baghouse
09/25/17	09/26/17	13	2.90	High Baghouse Delta P / Single RDF Train Operation
09/27/17	09/30/17	13	85.80	PSH & SSH Leaks / High Baghouse Delta P
10/04/17	10/06/17	11	55.60	Waterwall Leaks
10/17/17	10/19/17	11	59.90	Waterwall Tube Leaks
10/22/17	10/22/17	12	0.30	RDF Vibrating Pan Plugs/Augers
10/02/17	10/02/17	13	0.10	PSH & SSH Leaks / High Baghouse Delta P
10/06/17	10/11/17	13	112.00	PSH & SSH Leaks
10/23/17	10/28/17	13	122.10	Waterwall Leaks / PSH & SSH Leaks
10/31/17	10/31/17	13	24.00	Waterwall Leaks / PSH & SSH Leaks
11/29/17	11/29/17	11	0.30	Various RDF Feed Issues
11/30/17	11/30/17	11	24.00	Ash Transfer Conveyor Replacement & Waterwall Leaks
11/01/17	11/02/17	13	48.00	Tube Leaks / PSH & SSH Leaks
11/03/17	11/03/17	13	17.10	Condenser Tube Leak



## Unscheduled Downtime

Continue

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
11/05/17	11/05/17	13	1.70	RDF Vibrating Pan Plugs/ Condenser Tube Leak
11/10/17	11/14/17	13	105.50	Tube Leaks / PSH & SSH Leaks
11/20/17	11/22/17	13	50.80	Tube Leaks / PSH & SSH Leaks
11/25/17	11/30/17	13	135.90	Tube Leaks / PSH & SSH Leaks (Major Outage)
12/01/17	12/01/17	11	12.90	Conveyor Replacement / Waterwall Tube Leaks
12/13/17	12/13/17	11	0.70	Waterwall Tube Leaks
12/14/17	12/16/17	11	53.90	Waterwall Tube Leaks / Generator Bank Tube Leaks
12/06/17	12/09/17	12	66.80	Derailed SSC & Waterwall Tube Leaks
12/28/17	12/30/17	12	69.00	Cleanout of Baghouse inlet Ducts & Hopper / WW Tube Leaks
12/01/17	12/09/17	13	216.00	Waterwall Tube Leaks / PSH & SSH Leaks
12/10/17	12/10/17	13	1.10	High Baghouse Delta P / Airflow Restrictions
12/18/17	12/22/17	13	82.80	Plugged Baghouse inlet Ducts & Hoppers / Waterwall Tube Leaks
01/11/18	01/11/18	11	2.10	RDF Feed Issue
01/12/18	01/12/18	11	0.10	RDF Vibrating Pan Plugs
01/16/18	01/23/18	11	176.80	Furnace Waterwall & Generation Bank Tube Leaks
01/09/18	01/21/18	12	288.10	Plugged Baghouse inlet Ducts & Hoppers
01/26/18	01/28/18	12	46.20	High Baghouse delta P
01/06/18	01/12/18	13	147.50	Plugged Baghouse inlet Ducts & Hoppers
01/24/18	01/29/18	13	132.70	High Baghouse delta P
02/08/18	02/12/18	13	113.40	Opacity
02/20/18	02/23/18	13	76.00	PSH & SSH Leaks / High Baghouse Delta P
02/26/18	02/28/18	13	54.80	PSH & SSH Leaks
03/26/18	03/30/18	11	107.20	Cold Iron Outage - BLR#12 Main Steam non-return valve
03/01/18	03/02/18	12	23.00	Derailed SSC
03/09/18	03/12/18	12	40.00	RDF Fuel Interruption - UPS Panel Fire at WPF
03/16/18	03/20/18	12	82.20	High Baghouse Delta P
03/22/18	03/23/18	12	25.10	Derailed SSC
03/24/18	03/25/18	12	33.90	Tube Leaks
03/26/18	03/30/18	12	113.40	Cold Iron Outage - BLR#12 Main Steam non-return valve
03/26/18	03/30/18	13	105.20	Cold Iron Outage - BLR#12 Main Steam non-return valve
04/11/18	04/15/18	11	107.00	Unscheduled Cleaning w/Tube Leaks
04/19/18	04/19/18	11	4.90	High Axial Thrust
04/20/18	04/20/18	11	24.00	Off-Line due to turbine operation - damaged thrust bearing
04/21/18	04/21/18	11	9.00	Opacity
04/26/18	04/28/18	11	44.80	Waterwall Tube Leak
04/07/18	04/10/18	12	68.00	Generation Tube Bank Leak
04/19/18	04/19/18	12	2.70	High Axial Thrust
04/20/18	04/20/18	12	0.60	Auger Screw Gear
04/21/18	04/25/18	12	108.90	Off Line due to turbine operation - damaged thrust bearing
04/28/18	04/30/18	12	56.00	Off Line due to turbine operation - damaged thrust bearing
04/17/18	04/17/18	13	16.80	Ash Transfer Belt
04/25/18	04/26/18	13	44.60	Waterwall Tube Leak

## Scheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Work Performed
07/10/17	07/13/17	11	73.80	Scheduled Cleaning Outage
07/18/17	07/23/17	13	108.90	Scheduled Cleaning Outage (early) w/broken grate
08/22/17	08/26/17	12	107.10	Scheduled Cleaning Outage (early) Tube Leaks
09/05/17	09/08/17	11	86.70	Scheduled Cleaning Outage (early) Tube Leaks

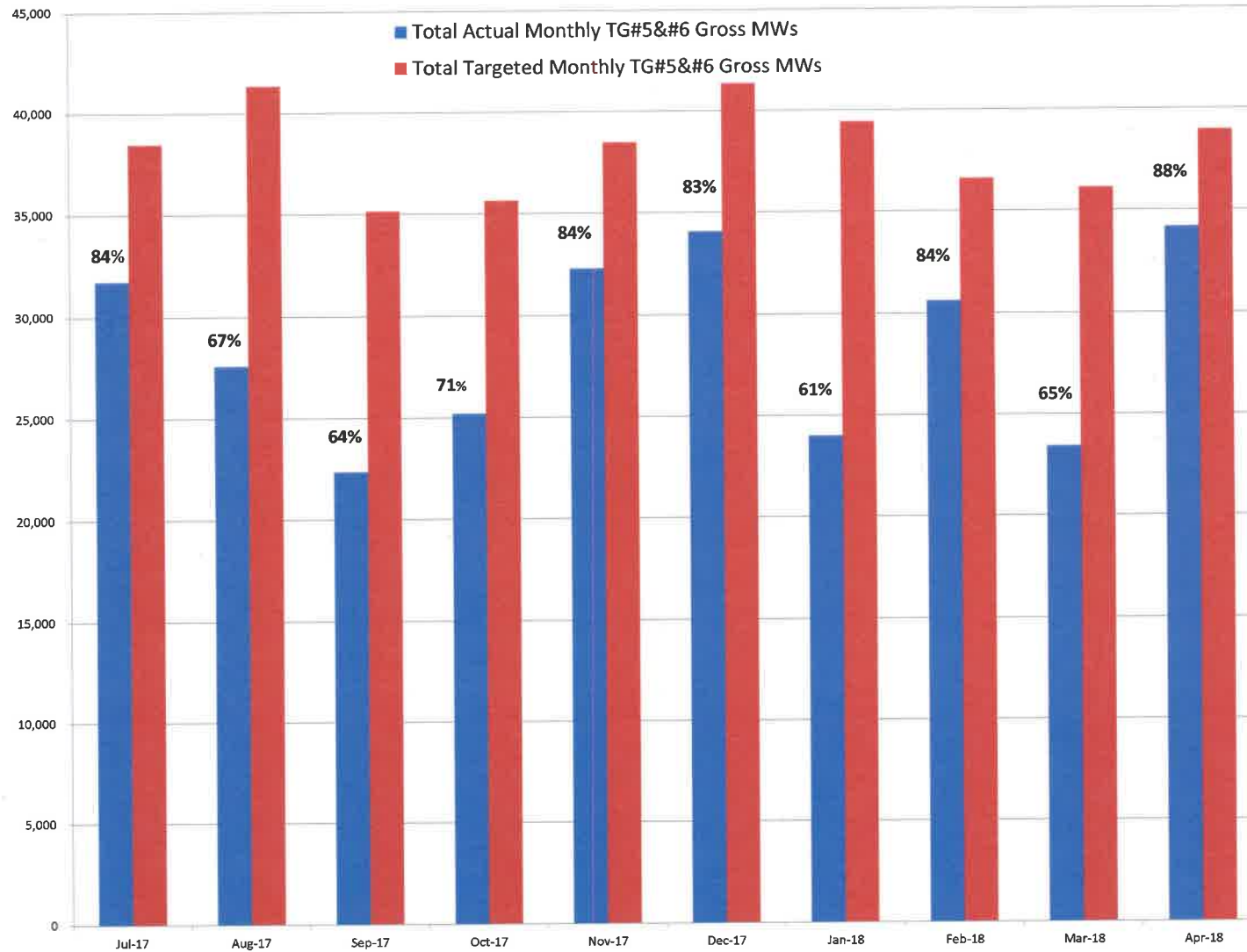
**Scheduled Downtime****Continue**

09/20/17	09/30/17	12	253.30	Scheduled Cleaning Outage (early) Tube Leaks
10/01/17	10/17/17	12	387.20	Scheduled Cleaning Outage
11/06/17	11/10/17	11	99.80	Scheduled Cleaning Outage
02/26/18	02/28/18	11	72.00	Scheduled Cleaning Outage
03/01/18	03/03/18	11	60.00	Scheduled Cleaning Outage
03/03/18	03/21/18	13	437.70	Scheduled Major Outage (early) w/Thrust Collar Issues

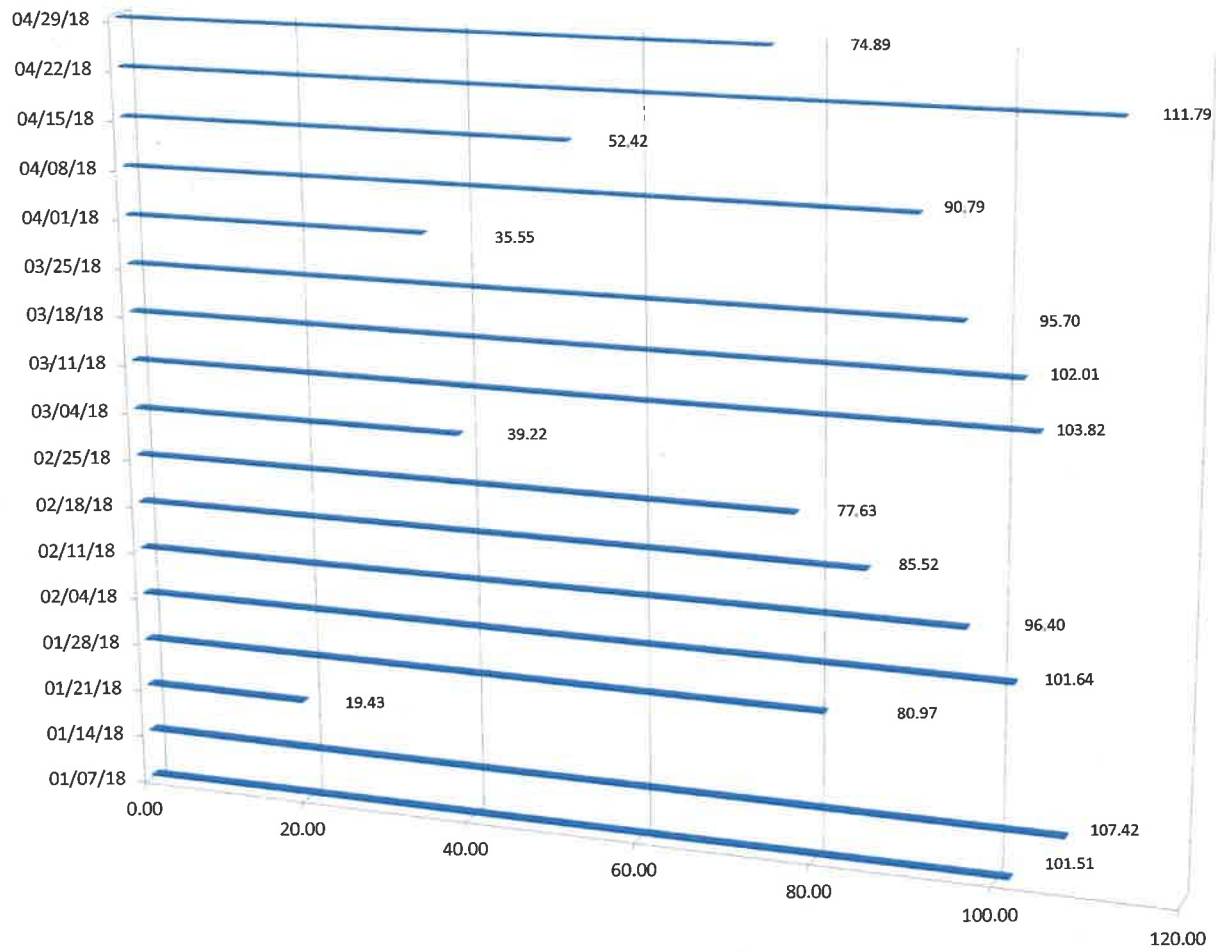
**SOUTH MEADOWS JETS**  
**Monthly Operational Summary**

Date	Net Generation (MWH)	Comment
07/11/17	54.27	Summer SCCA Testing
07/14/17	4.24	DC Lube Oil Pump Test
07/25/17	4.84	Fuel Repair Test
08/01/17	41.21	ISO-NE Dispatch
08/01/17	1.10	ISO-NE Dispatch
08/03/17	6.12	Diagnose Vibration Test
08/04/17	50.07	Summer SCCA Testing
08/04/17	54.15	Summer SCCA Testing
08/11/17	47.09	ISO-NE Dispatch
09/12/17	100.61	ISO-NE OP23 Testing
10/03/17	44.89	ISO-NE Dispatch
10/12/17	50.66	ISO-NE Dispatch
10/17/17	276.88	ISO-NE Dispatch
10/18/17	2.94	ISO-NE Dispatch
10/22/17	44.86	ISO-NE Dispatch
10/27/17	175.29	Stack Testing
12/18/17	3.02	Transformer Testing
01/18/18	93.91	ISO-NE Dispatch
02/19/18	47.25	ISO-NE Dispatch
03/14/18	157.72	ISO-NE Dispatch

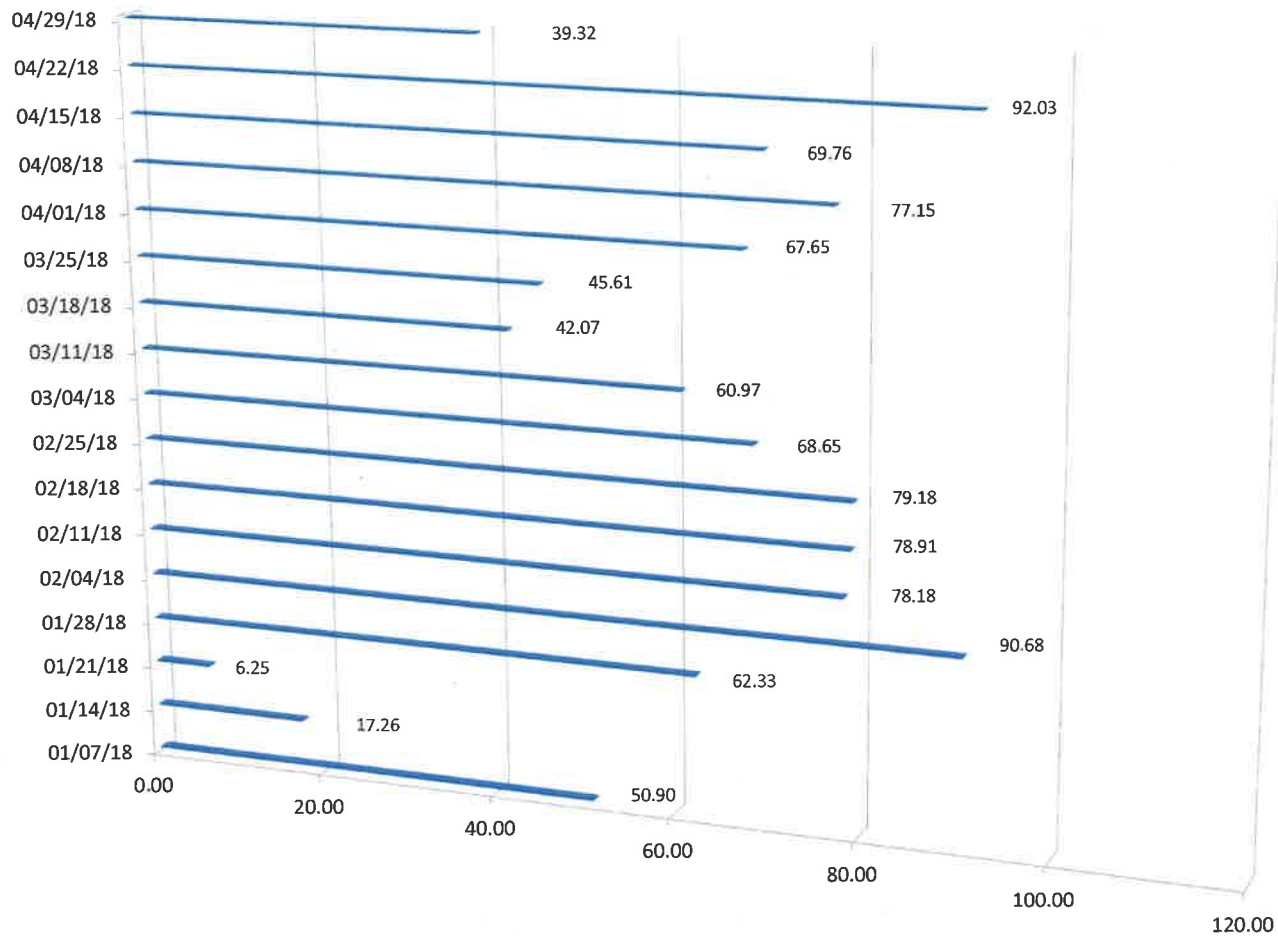
### Combined Monthly TG#5&#6 Gross MWs -Actual to Targeted



### BLR#11 Steam Flow % of Target Steam flow Production

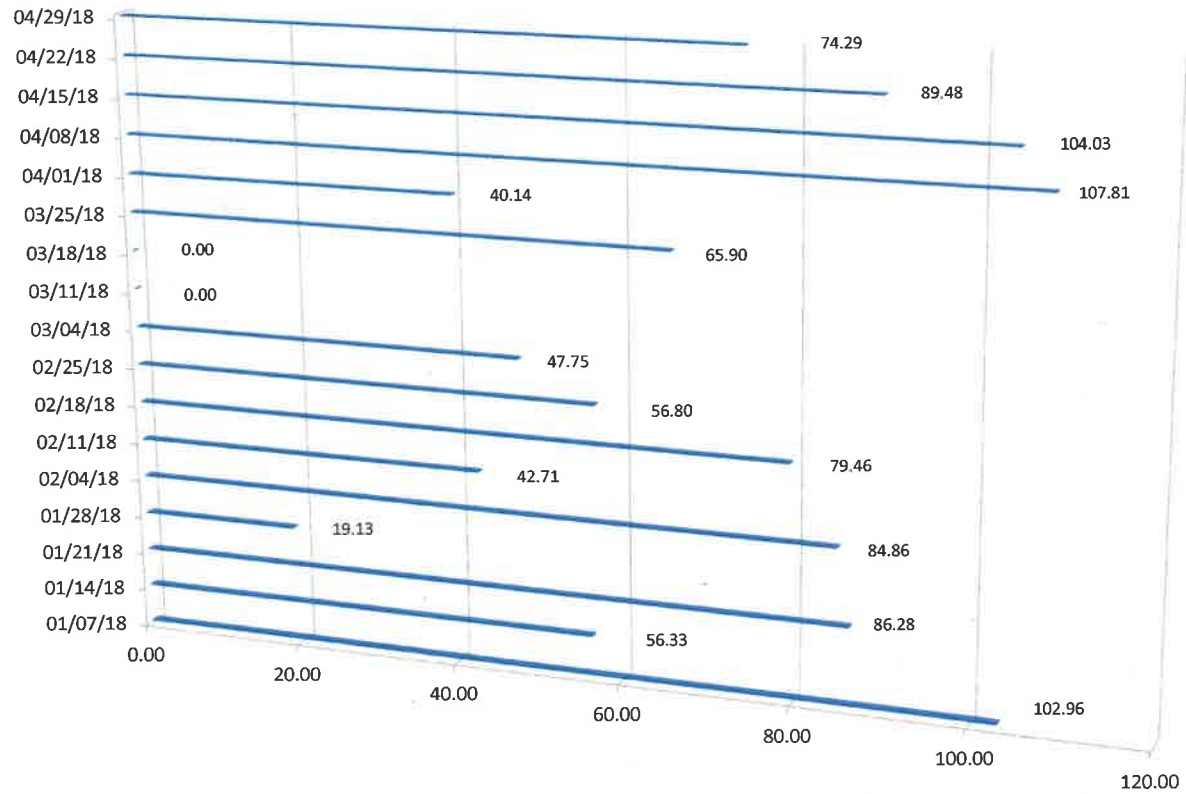


### BLR#12 Steam Flow % of Target Steam flow Production





### BLR#13 Steam Flow % of Target Steam flow Production



**TAB C**

# MATERIALS INNOVATION AND RECYCLING AUTHORITY

## Monthly Customer MSW and Recyclables Deliveries

April-18

### Monthly Customer Delivery Report

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
<b>CSWS MSW</b>									
Tier 1	346,503	342,348	(1%)	279,453	281,738	1%	27,140	28,884	6% (1)
Tier 2	13,214	13,300	1%	10,781	10,624	(1%)	1,081	1,102	2% (1)
Tier 3	2,413	2,549	6%	2,077	13	(99%)	213	1	(99%)
Tier 4	9,502	14,706	55%	11,749	12,215	4%	1,203	1,228	2%
Non-Processible MSW	1,299	1,926	48%	1,538	1,504	(2%)	277	294	6% (1)
Hauler Contract	251,700	246,909	(2%)	203,032	170,002	(16%)	23,478	15,731	(33%)
Contract (FCR Residue)	6,258	8,106	30%	6,694	6,417	(4%)	650	747	15% (1)
Ferrous Residue (excess)	3,792	2,745	(28%)	2,108	2,619	24%	258	270	5%
In-State Spot	15,104	10,110	(33%)	10,110	3,718	(63%)	2,318	0	(100%)
Out-of-State Spot	477	21	(96%)	21	0	(100%)	0	0	-
<b>MSW TOTAL</b>	<b>650,262</b>	<b>642,721</b>	<b>(1%)</b>	<b>527,563</b>	<b>488,850</b>	<b>(8%)</b>	<b>56,618</b>	<b>48,257</b>	<b>(17%)</b>

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
<b>CSWS Recyclables</b>									
Tier 1	44,722	45,419	2%	36,937	39,328	6%	3,628	3,814	5%
Tier 3	623	638	2%	523	0	(100%)	51	0	(100%)
Tier 4	2,333	3,413	46%	2,784	2,843	2%	281	283	1%
Hauler Contract	9,711	10,316	6%	8,525	6,315	(26%)	814	1,270	56%
Contractor Sourced	14,896	11,853	(20%)	9,564	5,384	(44%)	1,528	692	(55%)
In-State Spot	0	0	-	0	0	-	0	0	-
Out-of-State Spot	0	0	-	0	0	-	0	0	-
<b>RECYC. TOTAL</b>	<b>72,284</b>	<b>71,639</b>	<b>(1%)</b>	<b>58,333</b>	<b>53,870</b>	<b>(8%)</b>	<b>6,302</b>	<b>6,059</b>	<b>(4%)</b>

### CSWS Diversions, Exports, Re-Redirected Tons

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
CSWS Facility and/or TS	4,947	5,020	1%	5,020	12,487	149%	0	0	-
Re-Redirected Material (1)	501	0	(100%)	0	2,265	-	0	0	-
<b>TOTAL TONNAGE</b>	<b>5,448</b>	<b>5,020</b>	<b>(8%)</b>	<b>5,020</b>	<b>14,752</b>	<b>194%</b>	<b>0</b>	<b>0</b>	<b>-</b>

(1) Tons re-directed to Non-MIRA Facility. Year to Date FY18 = 644.68, Tier 1, 419.33 Tier 2, 129.05 NPW, 1,072.15 Contract (FCR Residue) = 2,265.21

Breakdown of Participating towns attached

## Connecticut Solid Waste System Monthly Customer MSW Deliveries

<b>CSWS Tier 1 Participating Municipality MSW</b>									
Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
Avon	11,268	11,335	1%	9,228	9,362	1%	890	941	6%
Beacon Falls (1)	2,635	2,370	(10%)	2,012	0	(100%)	151	0	(100%)
Bethlehem	1,508	1,483	(2%)	1,202	1,219	1%	113	120	6%
Bloomfield	15,679	16,179	3%	13,201	12,232	(7%)	1,193	1,160	(3%)
Canaan	441	411	(7%)	325	365	12%	31	35	13%
Canton	4,680	4,984	6%	4,106	4,067	(1%)	405	383	(5%)
Clinton	4,803	5,385	12%	4,265	5,082	19%	435	541	24%
Colebrook	602	622	3%	514	498	(3%)	55	42	(24%)
Cornwall	505	531	5%	430	449	4%	39	37	(5%)
Deep River	3,489	3,077	(12%)	2,571	2,096	(18%)	210	169	(19%)
Durham/Middlefield	6,295	7,478	19%	6,244	5,593	(10%)	524	633	21%
East Granby	2,869	2,993	4%	2,436	2,428	(0%)	263	241	(8%)
East Hampton	6,146	6,399	4%	5,214	5,241	1%	503	528	5%
Ellington	5,139	5,348	4%	4,379	4,523	3%	423	455	8%
Essex	3,078	3,227	5%	2,597	3,088	19%	229	342	49%
Farmington	14,661	14,790	1%	12,063	12,275	2%	1,196	1,199	0%
Glastonbury	19,255	19,236	(0%)	15,619	15,946	2%	1,541	1,564	2%
Goshen	1,345	1,313	(2%)	1,067	1,093	2%	98	99	1%
Granby	4,791	4,210	(12%)	3,465	3,465	(0%)	304	349	15%
Haddam	3,372	3,266	(3%)	2,648	2,614	(1%)	236	248	5%
Hartford	84,428	84,355	(0%)	68,817	69,163	1%	6,970	7,161	3%
Harwinton	2,030	1,920	(5%)	1,575	1,568	(0%)	153	150	(2%)
Killingworth	1,919	1,892	(1%)	1,542	1,598	4%	139	152	9%
Litchfield	4,860	4,775	(2%)	3,876	4,101	6%	379	424	12%
Lyme	755	759	0%	622	614	(1%)	65	59	(8%)
Marlborough	2,276	2,126	(7%)	1,760	1,785	1%	175	170	(3%)
Middlebury	2,349	2,338	(0%)	1,912	2,176	14%	183	224	22%
Naugatuck	15,157	14,758	(3%)	12,538	11,286	(10%)	1,196	1,415	18%
Norfolk	728	735	1%	596	640	7%	56	60	7%
North Canaan	2,232	2,070	(7%)	1,699	1,748	3%	158	169	6%
Old Lyme	3,276	3,193	(3%)	2,583	2,755	7%	222	238	7%
Old Saybrook	9,852	8,718	(12%)	7,017	7,301	4%	655	691	5%
Oxford (1)	6,204	3,940	(36%)	3,131	0	(100%)	319	0	(100%)
Portland	3,510	3,648	4%	2,976	2,974	(0%)	284	314	11%
Rocky Hill	11,458	11,068	(3%)	8,958	9,287	4%	908	1,009	11%
Roxbury	704	691	(2%)	567	578	2%	53	57	8%
RRDD#1	11,014	11,068	0%	8,932	9,163	3%	899	935	4%
Salisbury/Sharon	3,292	3,294	0%	2,665	2,692	1%	229	278	21%
Simsbury	13,698	13,106	(4%)	10,697	10,632	(1%)	1,066	952	(11%)
Thomaston (2)	0	0	-	0	3,471	-	0	392	-
Torrington	23,792	23,185	(3%)	18,987	18,766	(1%)	1,860	1,873	1%
Watertown	11,204	10,872	(3%)	8,856	8,762	(1%)	872	860	(1%)
Westbrook (3)	0	0	-	0	2,437	-	0	386	-
Wethersfield	14,634	14,699	0%	11,880	12,986	9%	1,107	1,449	31%
Woodbury	4,569	4,502	(1%)	3,679	3,620	(2%)	354	380	7%
<b>TOTAL TIER 1 PARTICIPATING MUNICIPALITIES</b>	<b>346,503</b>	<b>342,348</b>	<b>(1%)</b>	<b>279,453</b>	<b>281,738</b>	<b>1%</b>	<b>27,140</b>	<b>28,884</b>	<b>6%</b>

(1) Municipalities left MIRA at the end of FY17

(3) Municipality signed with MIRA effective 11/1/2017

(2) Thomaston switched from Tier 3 to Tier 1L 7/1/2017

**CSWS Tier 2 Participating Municipality MSW**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
Manchester	13,214	13,300	1%	10,781	10,624	(1%)	1,081	1,102	2%
<b>TOTAL TIER 2 PARTICIPATING MUNICIPALITIES</b>	<b>13,214</b>	<b>13,300</b>	<b>1%</b>	<b>10,781</b>	<b>10,624</b>	<b>(1%)</b>	<b>1,081</b>	<b>1,102</b>	<b>2%</b>

**CSWS Tier 3 Participating Municipality MSW**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
Chester	14	14	6%	12	13	12%	1	1	8%
Thomaston (2)	2,400	2,534	6%	2,065	0	(100%)	212	0	(100%)
<b>TOTAL TIER 3 PARTICIPATING MUNICIPALITIES</b>	<b>2,413</b>	<b>2,549</b>	<b>6%</b>	<b>2,077</b>	<b>13</b>	<b>(99%)</b>	<b>213</b>	<b>1</b>	<b>(99%)</b>

(2) Thomaston switched from Tier 3 to Tier 1L 7/1/2017

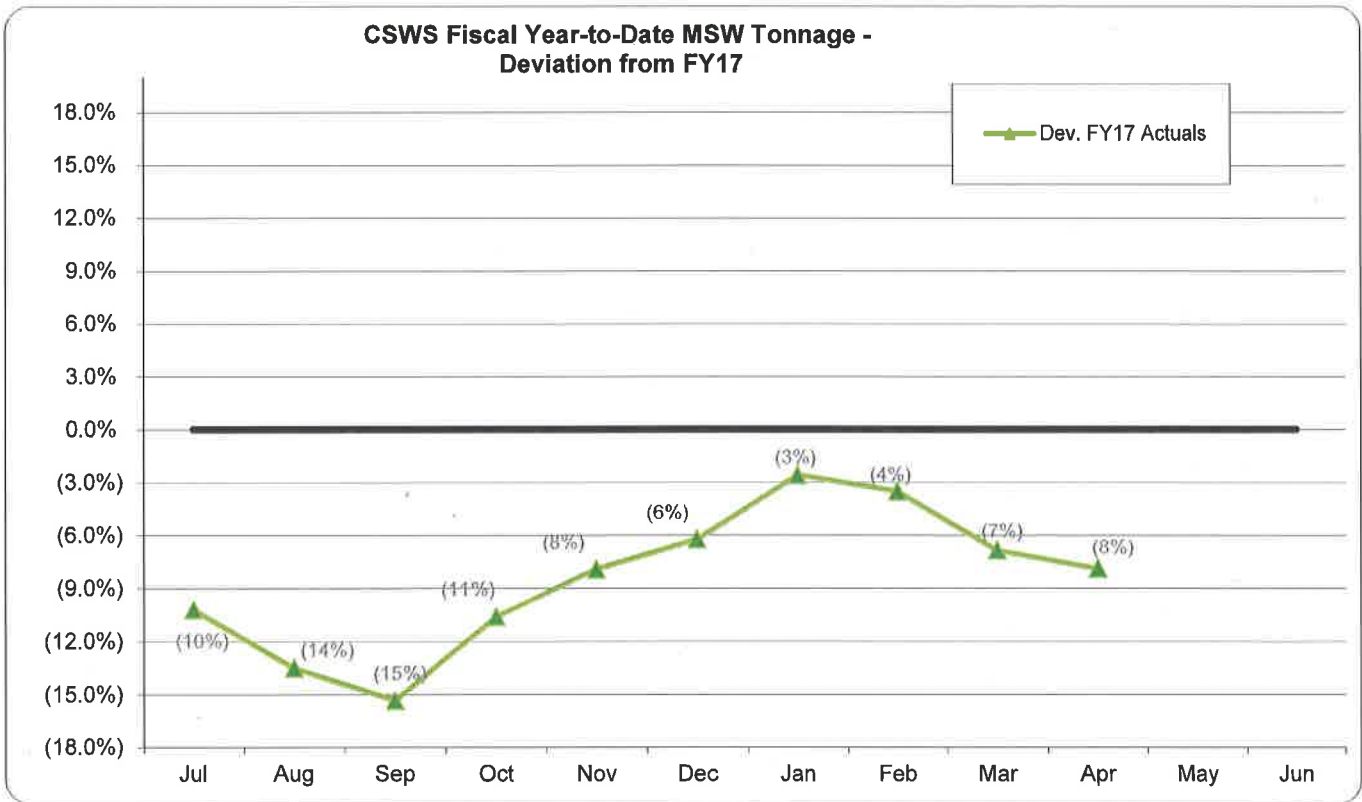
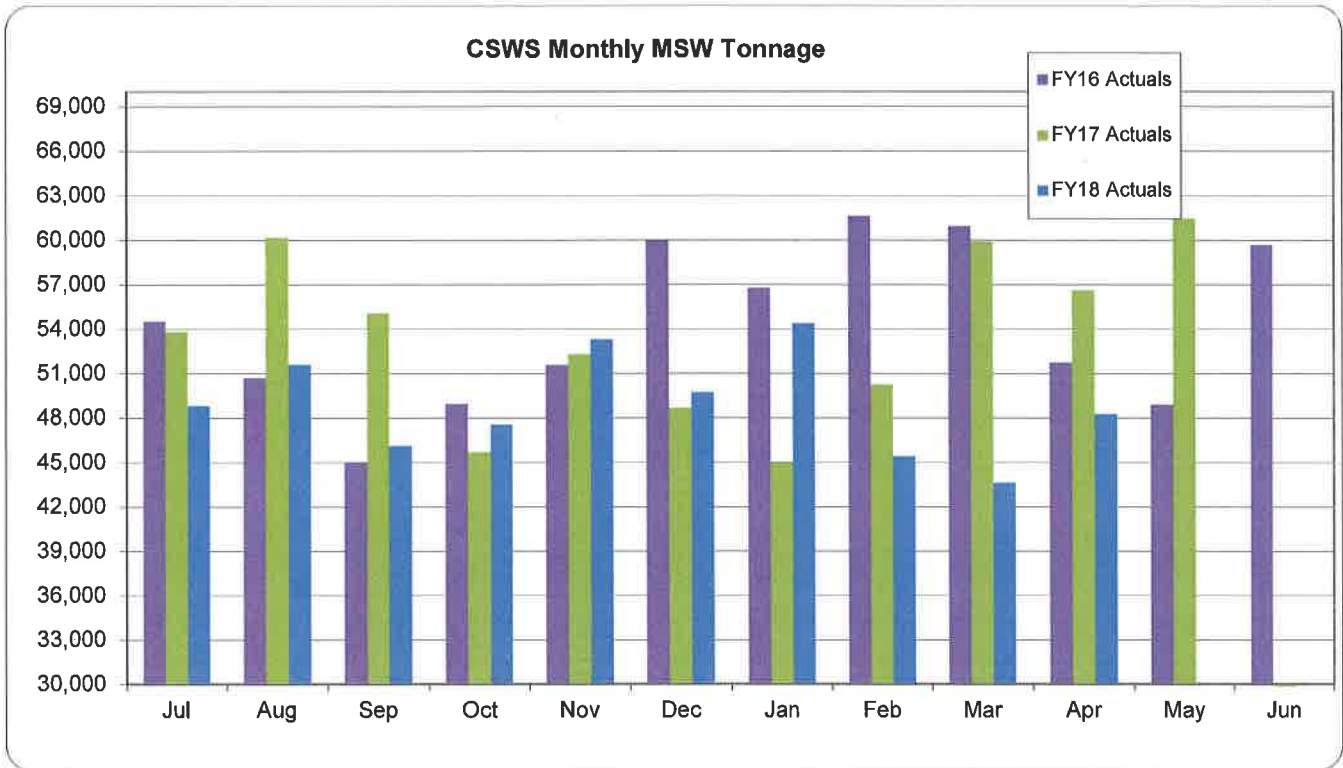
**CSWS Tier 4 Participating Municipality MSW**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
East Hartford (1)	9,502	14,706	55%	11,749	12,215	4%	1,203	1,228	2%
<b>TOTAL TIER 4 PARTICIPATING MUNICIPALITIES</b>	<b>9,502</b>	<b>14,706</b>	<b>55%</b>	<b>11,749</b>	<b>12,215</b>	<b>4%</b>	<b>1,203</b>	<b>1,228</b>	<b>2%</b>

(1) Municipality signed with MIRA beginning 11/1/15



## CSWS MSW Trends



## Connecticut Solid Waste System Monthly Customer Recyclables Deliveries

### CSWS Tier 1 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
Avon	2,115	2,027	(4%)	1,658	1,715	3%	155	171	11%
Beacon Falls (1)	373	411	10%	333	0	(100%)	36	0	(100%)
Bethlehem	346	338	(2%)	281	288	3%	28	26	(5%)
Bloomfield	1,733	1,697	(2%)	1,390	1,331	(4%)	136	127	(7%)
Canaan	90	88	(2%)	73	77	7%	5	6	27%
Canton	981	911	(7%)	763	914	20%	68	66	(2%)
Clinton	1,181	1,148	(3%)	937	1,017	9%	93	98	5%
Colebrook	179	186	4%	150	153	2%	16	13	(16%)
Cornwall	148	148	(0%)	135	130	(4%)	15	7	(55%)
Deep River	510	441	(14%)	377	319	(15%)	30	29	(4%)
East Granby	465	1,093	135%	681	660	(3%)	92	41	(55%)
East Hampton	1,012	1,012	0%	845	739	(12%)	72	74	3%
Ellington	1,426	1,362	(4%)	1,096	1,075	(2%)	108	109	2%
Essex	734	734	0%	595	658	10%	52	82	59%
Farmington	2,697	2,647	(2%)	2,215	1,994	(10%)	211	188	(11%)
Glastonbury	3,637	3,585	(1%)	2,954	2,834	(4%)	283	265	(6%)
Goshen	323	312	(3%)	272	266	(3%)	25	23	(8%)
Granby	1,457	1,350	(7%)	1,129	1,167	3%	115	107	(7%)
Haddam	683	697	2%	569	538	(5%)	50	53	8%
Hartford	5,600	5,869	5%	4,730	4,850	3%	487	505	4%
Harwinton	504	520	3%	428	403	(6%)	41	36	(11%)
Killingworth	472	483	2%	400	420	5%	41	49	20%
Litchfield	814	874	7%	719	691	(4%)	67	61	(9%)
Marlborough	654	601	(8%)	488	490	0%	46	60	28%
Middlebury	840	884	5%	719	760	6%	76	67	(12%)
Norfolk	169	172	2%	142	140	(1%)	11	13	11%
North Canaan	235	247	5%	204	201	(1%)	21	22	3%
Old Lyme	0	0	-	0	0	-	0	0	-
Old Saybrook	1,082	1,095	1%	880	890	1%	77	82	6%
Oxford (1)	668	749	12%	574	0	(100%)	58	0	(100%)
Portland	573	625	9%	483	457	(5%)	60	47	(22%)
Rocky Hill	1,692	1,611	(5%)	1,319	1,368	4%	129	140	9%
Roxbury	182	181	(0%)	143	165	15%	8	14	73%
RRDD#1	1,815	1,786	(2%)	1,465	1,429	(2%)	151	153	1%
Salisbury-Sharon	1,053	1,092	4%	897	882	(2%)	85	85	1%
Simsbury (3)	0	0	-	0	2,425	-		211	-
Thomaston (2)	0	0	-	0	548	-		52	-
Torrington	2,956	2,836	(4%)	2,323	2,229	(4%)	237	219	(8%)
Watertown	1,706	1,996	17%	1,604	1,866	16%	161	174	8%
Westbrook (4)	0	0	-	0	285	-		48	-
Wethersfield	2,775	2,709	(2%)	2,222	2,196	(1%)	218	213	(3%)
Woodbury	840	903	7%	744	759	2%	66	77	17%
<b>TOTAL TIER 1 MUNICIPALITIES</b>	<b>44,722</b>	<b>45,419</b>	<b>2%</b>	<b>36,937</b>	<b>39,328</b>	<b>6%</b>	<b>3,628</b>	<b>3,814</b>	<b>5%</b>

(1) Municipalities left MIRA at the end of FY17

(2) Thomaston switched from Tier 3 to Tier 1L 7/1/2017

(3) Simsbury switched from T1S w/o Recycl. to T1L w/Recycl. 7/1/17

(4) Municipality signed with MIRA beginning 11/1/2017

### CSWS Tier 3 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
Chester	0	0	-	0	0	-	0	0	-
Thomaston (2)	623	638	2%	523	0	(100%)	51	0	(100%)
<b>TOTAL TIER 3 MUNICIPALITIES</b>	623	638	2%	523	0	(100%)	51	0	(100%)

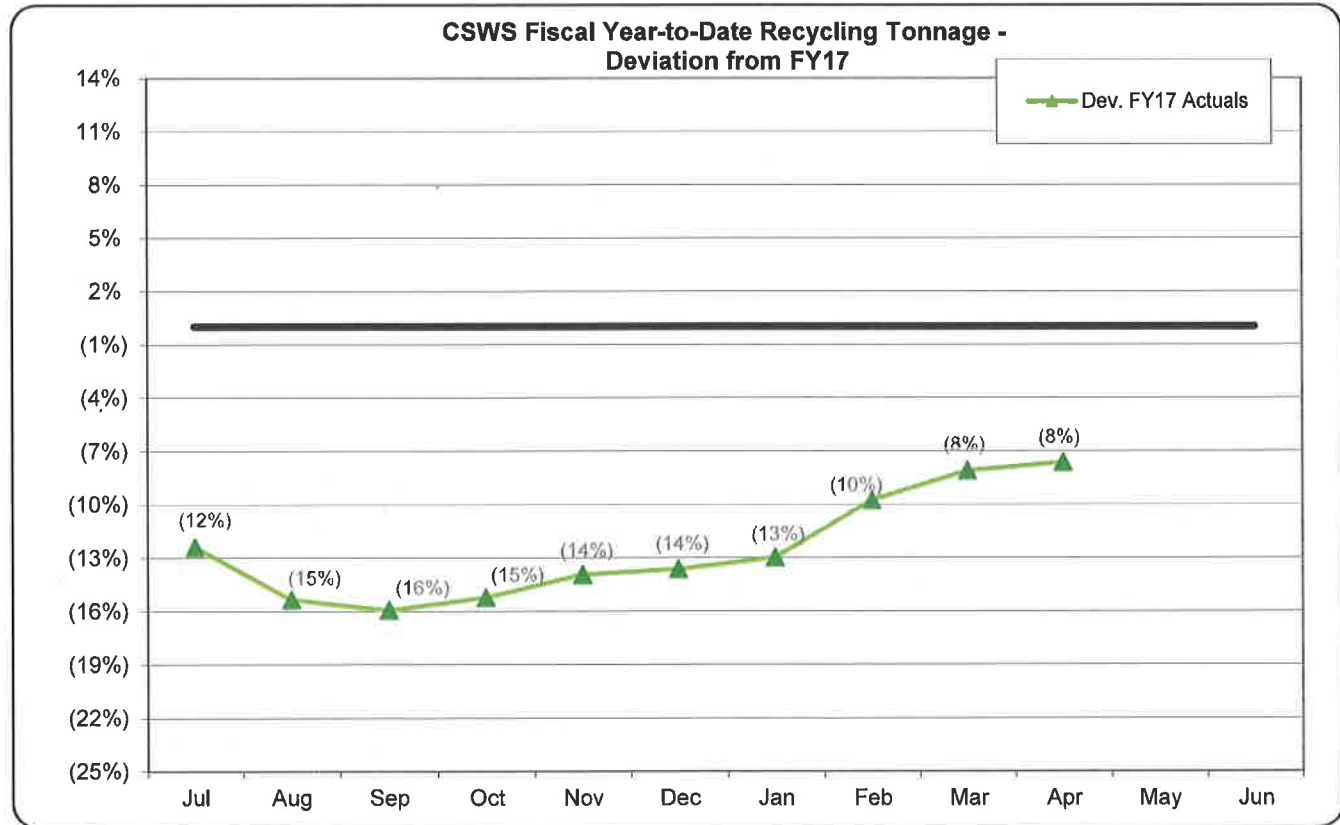
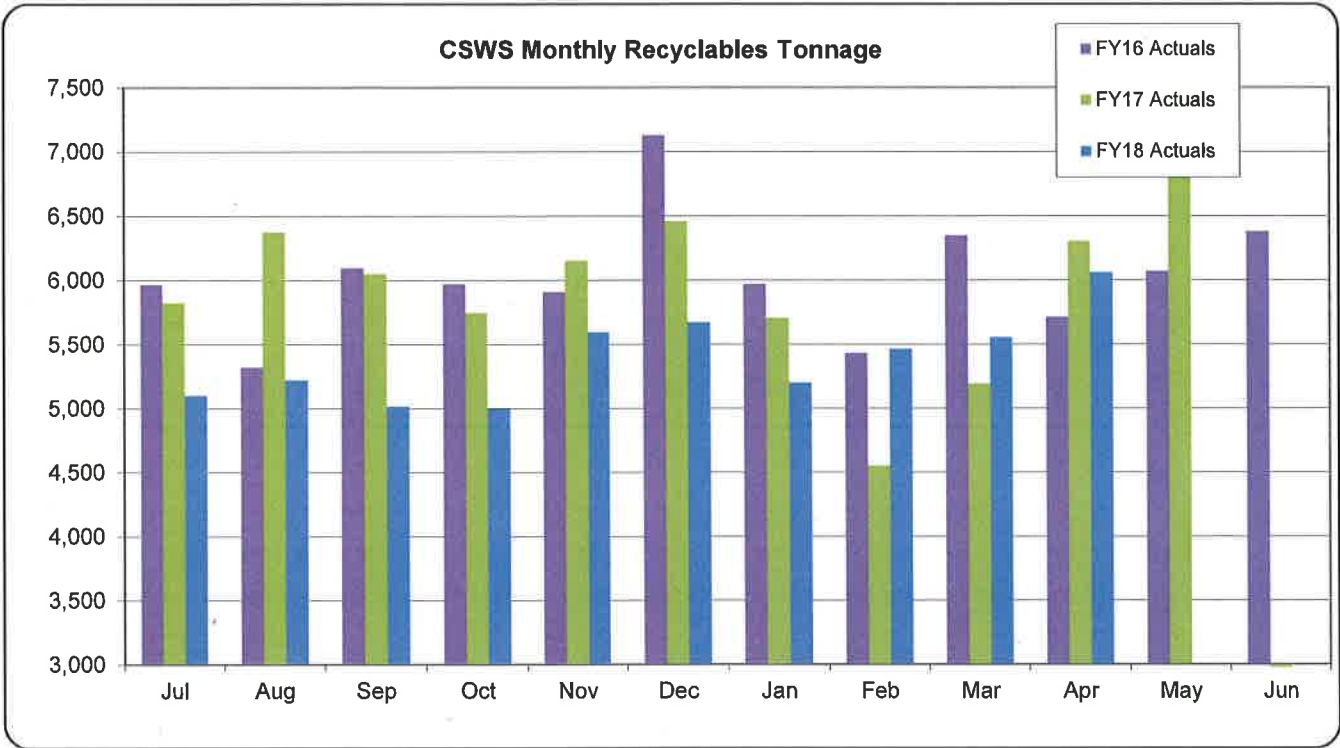
(2) Thomaston switched from Tier 3 to Tier 1L 7/1/2017

### CSWS Tier 4 Participating Municipality Recycling

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2016	2017	Growth	2017	2018	Growth	Apr 17	Apr 18	Growth
East Hartford (1)	2,333	3,413	46%	2,784	2,843	2%	280.92	283.08	1%
<b>TOTAL TIER 4 MUNICIPALITIES</b>	2,333	3,413	46%	2,784	2,843	2%	281	283	1%

(1) Municipality signed with MIRA beginning 11/1/15

### CSWS Recyclables Trends



# TAB D



FISCAL YEAR 2018 LEGAL REQUEST FOR SERVICES

FOR PERIOD ENDING 4/30/18

LEGAL FIRM	Matter	Board Approval	PO Number	PO Amount	FY18 expenses paid from FY18 PO	FY18 accrued estimates	Prior year expenses Paid from FY17 PO (not accrued in FY17)	FY17 over/under accrual, Refunds received etc	Total per General ledger
Cohn Birnbaum & Shea	South Meadows Exit Strategy		11735	\$ 63,385	\$ 42,556	\$ -	\$ 118		\$ 42,674
Total Cohn Birnbaum & Shea		\$63,385.00		\$ 63,385	\$ 42,556	\$ -	\$ 118	\$ -	\$ 42,674
Day Pitney	NPDES Permitting Support			\$ -					\$ -
Total Day Pitney		\$25,000.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Halloran & Sage	GC - Authority Budget		11742	\$ 25,000	\$ 6,555	\$ 9,000	\$ 1,843	\$ (920)	\$ 16,478
	Property Division		11741	\$ 20,000	\$ 1,169	\$ -	\$ 9,062	\$ (2,700)	\$ 7,530
	MDC Arbitration		11739	\$ 100,000	\$ 61,539	\$ -		\$ (30,102)	\$ 31,437
	CSWS		11743	\$ 20,000				\$ (1,500)	\$ (1,500)
	Resource rediscovery - CSWS		11869	\$ -	\$ 22,430	\$ 1,500		\$ (4,840)	\$ 19,090
	FOIA Complaint		11744	\$ 25,000	\$ 9,840	\$ 600		\$ -	\$ 10,440
	Landfill Division		11740	\$ 35,000	\$ 3,791	\$ -	\$ 275	\$ (57,596)	\$ (53,530)
Total Halloran & Sage		\$450,000.00		\$ 225,000	\$ 105,323	\$ 11,100	\$ 11,179	\$ (97,658)	\$ 29,944
Kainen, Escalera & McHale	Employment		11738	\$ 20,000	\$ 7,605				\$ 7,605
	MDC Arbitration		11737	\$ 75,000	\$ 21,407			\$ (31,788)	\$ (10,382)
Total Kainen, Escalera & McHale		\$150,000.00		\$ 95,000	\$ 29,011	\$ -	\$ -	\$ (31,788)	\$ (2,777)
American Arbitration				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total American Arbitration				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Melick & Porter	Tremont		11813	\$ -	\$ 4,279	\$ -	\$ 5,221	\$ -	\$ 9,500
Total Melick & Porter				\$ -	\$ 4,279	\$ -	\$ 5,221	\$ -	\$ 9,500
<b>TOTALS:</b>		<b>\$688,385.00</b>		<b>\$ 383,385</b>	<b>\$ 181,169</b>	<b>\$ 11,100</b>	<b>\$ 16,518</b>	<b>\$ (129,446)</b>	<b>\$ 79,341</b>
									<i>Agrees with Gen.ledger</i>