

RESOLUTION FOR THE MATERIALS INNOVATION AND RECYCLING AUTHORITY BOARD OF DIRECTORS

REGARDING ADOPTION OF THE FISCAL YEAR 2017

CSWS DIVISION OPERATING AND CAPITAL BUDGETS

RESOLVED: That the Fiscal Year 2017 Materials Innovation and Recycling Authority Operating and Capital Budget attached hereto as Exhibit A be adopted substantially in the form as presented in Exhibit B attached hereto and discussed at this meeting.

MATERIALS INNOVATION AND RECYCLING AUTHORITY



EXHIBIT A

CSWS Division
FY 2017 Adopted
Operating and Capital
Budget

February 18, 2016
MIRA Board of
Directors

SUMMARY PROPOSED BUDGET

■ Total Operating Revenues -		\$63.5 Million
■ Total Operating Expenses -		\$58.3 Million
■ Operating Income Before Reserve Contributions -		\$5.2 Million
■ Proposed Reserve Contributions		
■ CSWS Debt Service Fund -		\$0.0 Million
■ CSWS General Fund:		\$5.2 Million
■ CSWS Improvement Fund -	\$10.3 Million	
■ CSWS Risk Fund -	\$ 0	
■ CSWS Legal Fund -	\$ 0	
■ CRRA Severance Fund -	\$ 0	
■ CSWS Tip Fee Stabilization Fund -	\$ (5.2 Million)	
■ CSWS General Fund Retained -	\$ 0	
■ \$2.00 Per Ton Increase From FY 2016 Tip Fee		

SUMMARY PROPOSED BUDGET

■ Cost of Operation -	\$68,636,094
■ Operating Expense Budget - \$58,315,389 (\$434,997, 0.74% Reduction)	
■ Reserve Contributions - \$10,320,705 (\$868,701, 9.2% Increase)	
■ Net Increase - \$433,704 / 0.64%	
■ Non Disposal Fee Revenue -	\$38,902,873
■ \$4,568,727, 10.5% Decrease	
■ Includes \$40,000 Member Service Fees (Tier 2 @ \$2.00 & Tier 4 @ \$1.00 / Ton)	
■ Net Cost of Operation -	\$29,733,221
■ \$5,002,431 / 20.2% Increase from FY 2016	
■ Add: Cost of Service Discounts -	\$ 413,000
■ Tier 1 Long - 204,000 Tons @ \$2.00 / Ton; and	
■ Tier 3 - 2,500 Tons @ \$2.00 / Ton	
■ Deduct: Deficit Funded by Stabilization Fund -	\$ (5,165,221)
■ Note: Equivalent Subsidy of Uniform Base Disposal Fee -	\$ (13.55 / ton)

MIRA "shall set the Base Disposal Fee such that the product of the Base Disposal Fee and the Aggregate Tons, shall produce funds estimated as sufficient to pay the estimated Net Cost of Operation"

SUMMARY PROPOSED BUDGET

- Total Rate Base -
\$24,981,100
 - Net Cost of Operation & Cost of Service Discounts

- Aggregate Tons -
378,500
 - Service Discounted (Tier 1 Long & Tier 3) -
206,500
 - Gate Rate (Tier 1 Short) -
145,000
 - \$2 Service Fee (Tier 2) -
13,000
 - \$1 Service Fee (Tier 4) -
14,000
 - Total -
378,500

- Uniform Base Disposal Fee -
\$66.00 / Ton

Contract	FY 2017 Proposed Disposal Fee	FY 2017 Base Opt Out	FY 2017 Total Opt Out (With Additional Opt Out Costs)
Tier 1 Long	\$64.00	\$61.95	\$64.07
Tier 1 Short	\$66.00	\$63.95	\$66.07
Tier 2	\$68.00	n/a	n/a
Tier 3	\$64.00	n/a	n/a
Tier 4	\$67.00	n/a	n/a

- Total Member Disposal Fees -

\$24,568,000
\$757,000 / 3.2%
 Increase from FY 2016

OPERATING EXPENSE BUDGET

■ Transfer Stations -

\$ 1,706,900

0.4% Increase from FY 2016

■ Ellington -	\$ 22,500
■ Essex -	\$ 570,500
■ Torrington -	\$ 547,400
■ Watertown -	<u>\$ 566,500</u>
■ Total -	\$1,706,900

■ Waste Transportation -

\$13,567,622

2.0% Decrease from FY 2016

■ MSW From Essex -	\$ 851,370
■ MSW From Torrington -	\$ 611,470
■ MSW From Watertown -	\$ 1,529,580
■ MSW From RRDD#1 -	\$ 20,043
■ MSW From Ellington -	\$ 42,196
■ Solid Waste Bypass -	\$ 58,000
■ Ash Disposal -	\$10,375,620
■ Non-Processible -	<u>\$ 79,343</u>
■ Total -	\$13,567,622

■ Trash to Energy Facility -

\$33,514,696

2.5% Increase from FY 2016

■ Waste Processing -	\$11,219,171	(\$426,829 / 3.7% Reduction)
■ Power Block -	\$21,062,525	(\$1,158,025 / 5.8% Increase)
■ Facility Contractor -	<u>\$ 1,233,000</u>	(\$38,000 / 3.2% Increase)
■ Total -	\$33,514,696	(769,196 2.3% Increase)

OPERATING EXPENSE BUDGET

■ Recycling Facility -

\$591,215

36.2% Reduction from FY 2016

■ Transport From Essex -	\$ 184,025
■ Transport From Torrington -	\$ 212,940
■ Transport From Watertown -	\$ 129,900
■ Direct O&M Expenses -	\$ 64,350
■ Recycling Rebate -	\$ <u>0</u>
■ Total	\$ 591,215

■ Indirect Expense-

\$8,934,956

6.2% Reduction from FY 2016

■ Authority Budget Allocation -	\$3,160,621
■ MIRA Direct Personnel -	\$1,696,996
■ MIRA Direct Non Personnel -	\$1,235,039
■ Assessment, Fees and Taxes -	\$2,715,000
■ Murphy Road Ops Center -	\$ <u>127,300</u>
■ Total	\$8,934,956

■ Total Operating Expense Budget -

\$58,315,389

RECOMMENDED RESERVE CONTRIBUTIONS

■ Operating Income Before Reserve Contributions -		\$ 5,155,484
■ CSWS Debt Service Fund -		\$ 0
■ CSWS General Fund:		\$ 5,155,484
■ CSWS Improvement Fund -	\$10,320,705	
Represents Strategic Plan Update required funding adjusted for Unit 11 overhaul moved up including air heaters.		
■ CSWS Risk Fund -	\$ 0	
There is presently in excess of \$440,000 in this fund .		
Based on review with the Risk manager, this is viewed as sufficient in comparison to the deductibles of all insurance policies other than business interruption.		
No contributions to this fund are recommended for FY 2017.		
■ CSWS Legal Fund -	\$ 0	
There is presently in excess of \$600,000 in this fund .		
This is viewed as sufficient in comparison to prior actual CSWS legal expenses		
No contributions to this fund are recommended for FY 2017.		
■ MIRA Severance Fund -	\$ 0	
There is presently in excess of \$792,000 in this fund .		
This is viewed as sufficient in comparison to total FY 2017 Personnel Services.		
No contributions to this fund are recommended for FY 2017.		
■ CSWS Tip Fee Stabilization Fund -	\$ (5,165,221)	
Draw expected based on second proposed draft budget parameters.		
\$401,362 below Strategic Plan Update projection.		
■ CSWS General Fund Retained -	\$ 0	
No surplus to retain based on current draft budget parameters		

NON DISPOSAL FEE REVENUE

<ul style="list-style-type: none"> ▪ Energy Sales - 		\$18,956,400
		\$3,558,659, 15.8% Decrease
<ul style="list-style-type: none"> ▪ Capacity Payments & RECs - ▪ Real Time Market - ▪ Contract Sales - ▪ Total - 	<p style="margin: 0;">\$ 2,232,000</p> <p style="margin: 0;">\$16,724,400</p> <p style="margin: 0;"><u>\$ 0</u></p> <p style="margin: 0;">\$18,956,400</p>	
<ul style="list-style-type: none"> ▪ Other Recovered Products - 		\$2,399,828
		\$662,713, 21.6% Decrease
<ul style="list-style-type: none"> ▪ Inbound CSWS Base @ \$8.50 / Ton - ▪ Inbound FCR Base @ \$7.50 / Ton - ▪ Revenue Share (Container Sales) - ▪ Revenue Share (Paper Sales) - ▪ FCR Residue Disposal / Other - ▪ Other Recycling / Waste Revenue - ▪ Metal Sales - ▪ Total - 	<p style="margin: 0;">\$ 425,000</p> <p style="margin: 0;">\$ 75,000</p> <p style="margin: 0;">\$ 206,736</p> <p style="margin: 0;">\$ 100,292</p> <p style="margin: 0;">\$ 172,800</p> <p style="margin: 0;">\$ 285,000</p> <p style="margin: 0;"><u>\$1,135,000</u></p> <p style="margin: 0;">\$2,399,828</p>	
<ul style="list-style-type: none"> ▪ Contract Waste - 		\$14,054,400
		\$905,600, 6.1% Decrease
<ul style="list-style-type: none"> ▪ Hauler Contracts - ▪ Other Contracts - ▪ Total - 	<p style="margin: 0;">\$9,139,200</p> <p style="margin: 0;"><u>\$4,915,200</u></p> <p style="margin: 0;">\$14,054,400</p>	
<ul style="list-style-type: none"> ▪ Spot Waste - 		\$3,412,000
		\$561,000, 19.7% Increase
<ul style="list-style-type: none"> ▪ Other (Interest / Service Fees) 		\$ 80,245
		\$2,755, 3.3% Decrease
<ul style="list-style-type: none"> ▪ Total Non Disposal Fee Revenue - 		\$38,902,873

KEY DRIVERS

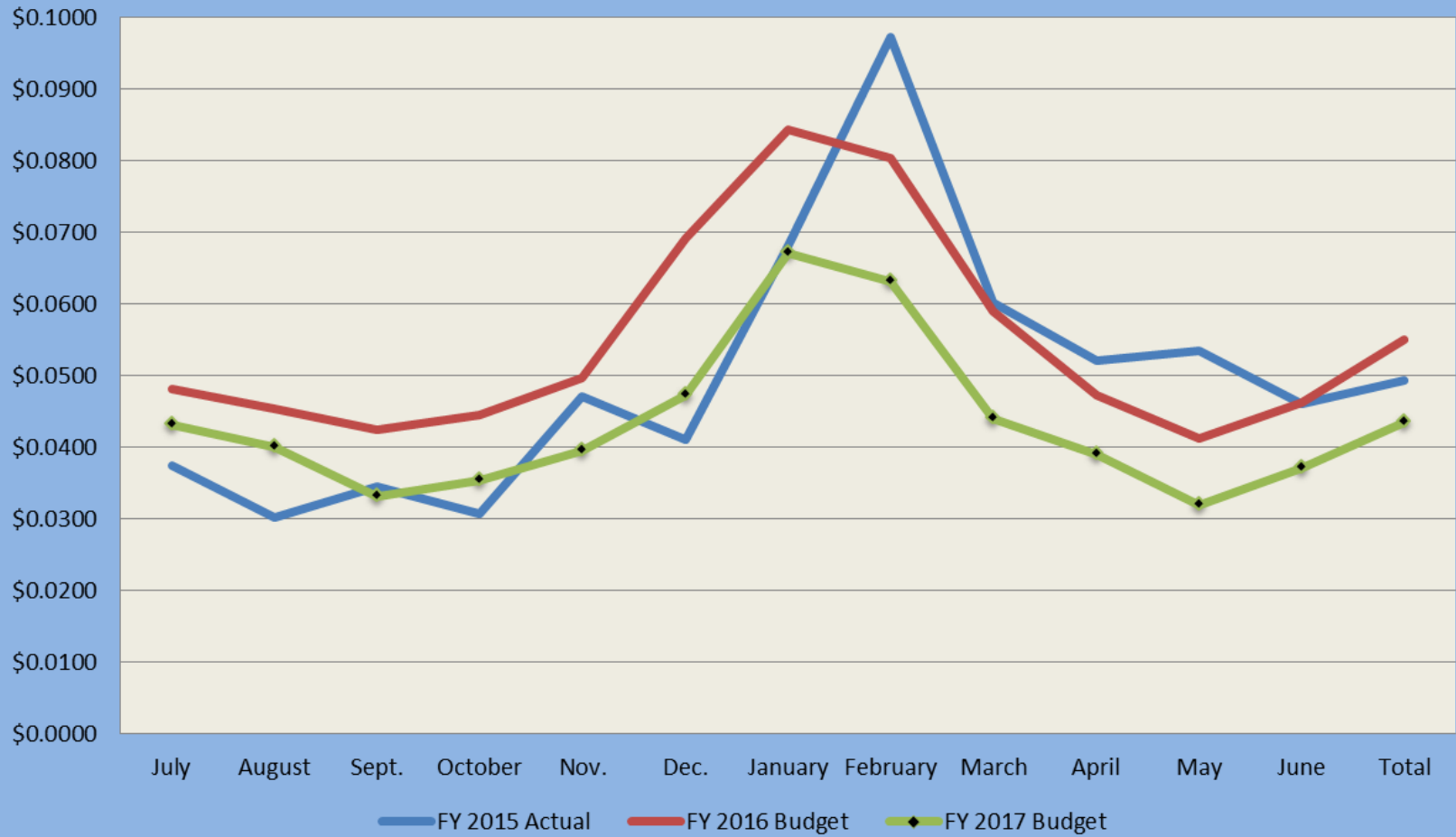
Trash to Energy Operations:

■ Total MSW Deliveries -		718,000
■ "Aggregate Tons" -	378,500	
■ Hauler Contract -	142,800	
■ Other Contract -	95,000	
■ Spot -	98,700	
■ Municipal Bulky -	<u>3,000</u>	
■ Total -	718,000	
■ Total MSW to RDF Production Rate -		98.75%
■ Total RDF -		709,000
■ RDF to KWH Production Rate -		543 kwh / ton
■ Energy Production -		385,000,000 kwh
■ Contract / Non Contract Energy Price -		\$.04344 / kwh
■ RDF to Ash Production Rate -		25.1%
■ Ash to Disposal -		178,000 tons
■ Ash Disposal Cost Per Ton -		\$58.29

Recycling Operations:

■ CSWS Sourced Recyclables -	50,000 tons
■ FCR Sourced Recyclables -	10,000 tons

Energy Pricing FY 2015 to FY 2017 (\$ / Kwh)



MATERIALS INNOVATION AND RECYCLING AUTHORITY

**FISCAL YEAR 2017
CONNECTICUT SOLID WASTE SYSTEM DIVISION
ADOPTED OPERATING BUDGET**

February 18, 2016

MIRA - CONNECTICUT SOLID WASTE SYSTEM (CSWS)

ASSUMPTIONS					Variance Fiscal Year 17	
DETAILS		ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Better (Worse) than FY16 Budget units	%
POWER	kwh/ton of RDF Produced	525	541	543	2	0.35%
	Total kwh Sold	332,091,800	375,000,000	385,000,000	10,000,000	2.67%
	Contract rate	\$ 0.0672	\$ 0.05412	n/a	n/a	n/a
	Non-Contract rate	\$ 0.0329	varies by month	\$ 0.0434	n/a	n/a
	Capacity Payment	\$ 1,487,132	\$ 1,788,000	\$ 1,857,000	69,000	3.86%
	Renewable Energy Credits (REC) II	\$ 100,401	\$ 115,000	\$ 375,000	260,000	226.09%
DELIVERIES						
MSW	Participating Towns	370,939	378,500	378,500	-	0.00%
	Hauler Contract	163,015	155,000	142,800	(12,200)	-7.87%
	Other Contract	92,944	100,000	95,000	(5,000)	-5.00%
	Municipal Bulky Waste	700	500	3,000	2,500	500.00%
Other (Spot)	Spot - MSW	26,202	61,000	83,000	22,000	36.07%
	Ferrous Residue (Inbound)	10,004	10,000	10,000	-	0.00%
	Recycling Residue	4,871	5,415	5,700	285	5.26%
	Total MSW	668,675	710,415	718,000	7,585	1.07%
Mattresses/Box Spring	Mattress/Box Spring (number of unit)	1,084	1,000	1,000	-	0.00%
RECYCLING OPERATIONS						
	Recycling Delivery Credit per Ton	\$ 5.00	\$ 10.00	\$ 5.00	\$ (5.00)	-50.00%
Delivery/Processing	CSWS Acceptable Recyclables (tons)	51,312	47,000	50,000	3,000	6.38%
	Contractor Sourced Acceptable Recyclables (tons)	15,783	10,000	10,000	-	0.00%
	Total Recyclable Materials	67,095	57,000	60,000	3,000	5.26%
Percentage of Inbound Tons	Recycling Residue	n/a	9.50%	9.50%	0.00%	0.00%
	CSWS Paper Per Ton Sales Revenue - ONP	n/a	n/a	39.71%	n/a	n/a
	CSWS Paper Per Ton Sales Revenue - OCC	n/a	n/a	15.57%	n/a	n/a
	CSWS Container Per Ton Sales Revenue	n/a	n/a	24.26%	n/a	n/a
	CSWS Commercial Tons	n/a	n/a	0.14%	n/a	n/a
	FCR Paper Per Ton Sales Revenue-ONP	n/a	n/a	9.26%	n/a	n/a
	FCR Paper Per Ton Sales Revenue-OCC	n/a	n/a	3.60%	n/a	n/a
	FCR Container Per Ton Sales Revenue	n/a	n/a	5.61%	n/a	n/a
	FCR Commercial Tons	n/a	n/a	1.85%	n/a	n/a
Outbound Tons	Recycling Residue Total	n/a	n/a	5,700	n/a	n/a
	Recycling Residue Chargeable	n/a	2,350	2,700	350	14.89%
	CSWS Paper Per Ton Sales Revenue - ONP	n/a	n/a	21,563	n/a	n/a
	CSWS Paper Per Ton Sales Revenue - OCC	n/a	n/a	8,455	n/a	n/a
	CSWS Container Per Ton Sales Revenue	n/a	n/a	13,173	n/a	n/a
	CSWS Commercial Tons	n/a	n/a	76	n/a	n/a
	FCR Paper Per Ton Sales Revenue-ONP	n/a	n/a	5,028	n/a	n/a
	FCR Paper Per Ton Sales Revenue-OCC	n/a	n/a	1,955	n/a	n/a
	FCR Container Per Ton Sales Revenue	n/a	n/a	3,046	n/a	n/a
	FCR Commercial Tons	n/a	n/a	1,005	n/a	n/a
Recycling Sales	Residential Recyclables Per Ton Revenues	n/a	\$ 8.50	\$ 8.50	-	0.00%
	Commercial Recyclables Per Ton Revenues	n/a	\$ 7.50	\$ 7.50	-	0.00%
	CSWS Paper Per Ton Sales Revenue - ONP	n/a	\$ 6.00	-	n/a	n/a
	CSWS Paper Per Ton Sales Revenue - OCC	n/a	n/a	\$ 10.00	n/a	n/a
	CSWS Container Per Ton Sales Revenue	n/a	n/a	\$ 15.00	n/a	n/a
	CSWS Commercial Tons	n/a	n/a	\$ 50.00	n/a	n/a
	FCR Paper Per Ton Sales Revenue-ONP	n/a	n/a	-	n/a	n/a
	FCR Paper Per Ton Sales Revenue-OCC	n/a	n/a	\$ 2.00	n/a	n/a
	FCR Container Per Ton Sales Revenue	n/a	\$ 3.00	\$ 3.00	-	0.00%
	FCR Commercial Tons	n/a	n/a	\$ 8.00	n/a	n/a

MIRA - CONNECTICUT SOLID WASTE SYSTEM (CSWS)

ASSUMPTIONS		DETAILS	ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance Fiscal Year 17 Better (Worse) than FY16 Budget units %	
FACILITY OPERATIONS							
Tons Processed	Total MSW Processed		641,000	701,000	717,000	16,000	2.28%
	RDF Consumed		632,000	693,000	709,000	16,000	2.31%
Residue Rates	Ash Rate (Per Ton of RDF)		26.03%	25.11%	25.11%	0.00%	-0.01%
	Ash Rate (Per Ton of MSW)		25.17%	24.82%	24.83%	0.00%	0.02%
	Process Residue Rate (Per Ton of MSW)		0.00%	0.00%	0.00%	0.00%	0.00%
	Ferrous Metals Rate (Outbound) (Per Ton of MSW)		2.78%	3.00%	3.00%	0.00%	0.00%
	Ferrous Residue Rate (Inbound) (Per Ton of MSW)		1.55%	2.00%	2.00%	0.00%	0.00%
	Non-processible Waste - Out-of-State		0.11%	0.10%	0.11%	0.01%	10.00%
Other	Ferrous Residue Revenue (per ton price)	\$	60.66	\$ 75.00	\$ 50.00	\$ (25.00)	-33.33%
	Ferrous Metals including post combustion (Outbound)		18,980	21,000	22,000	1,000	4.76%
	Scrap Metal/Maintenance Metal Revenue (price per ton)	\$	215.46	\$ 267.00	\$ 100.00	\$ (167.00)	-62.55%
	Scrap Metal/Maintenance Metal Revenue (Outbound)	\$	270.68	675	350	(325)	-48.15%
MUNICIPAL PAYMENTS							
Fees	Essex TS Host Benefit (per ton)	\$	0.560	\$ 0.570	\$ 0.580	\$ 0.01	1.75%
	Torrington TS Host Benefit (per ton)	\$	0.560	\$ 0.570	\$ 0.580	\$ 0.01	1.75%
	Watertown TS Host Benefit (per ton)	\$	0.560	\$ 0.570	\$ 0.580	\$ 0.01	1.75%
Deliveries	Essex TS Host Benefit		66,185	67,000	67,500	500	0.75%
	Torrington TS Host Benefit		54,737	54,000	56,000	2,000	3.70%
	Watertown TS Host Benefit		112,452	110,000	112,000	2,000	1.82%
WASTE TRANSPORT							
Fees	Essex per ton MSW	\$	13.69	\$ 14.35	\$ 14.43	\$ 0.08	0.56%
	Essex per ton Recyclables	\$	20.74	\$ 21.52	\$ 21.65	\$ 0.13	0.60%
	Torrington per ton MSW	\$	12.21	\$ 12.93	\$ 13.01	\$ 0.08	0.62%
	Torrington per ton Recyclables	\$	22.62	\$ 23.52	\$ 23.66	\$ 0.14	0.60%
	Watertown per ton MSW	\$	13.64	\$ 14.35	\$ 14.43	\$ 0.08	0.56%
	Watertown per ton Recyclables	\$	20.69	\$ 21.52	\$ 21.65	\$ 0.13	0.60%
	Sharon/Salisbury per ton MSW	\$	9.32	\$ 9.46	n/a	n/a	n/a
	RRDD#1 per load MSW	\$	108.66	\$ 110.34	\$ 108.34	\$ (2.00)	-1.81%
	Ash to Other (blended rate per ton T&D)	\$	59.22	\$ 61.64	\$ 58.29	\$ (3.35)	-5.43%
	Non-processible Waste to Other (per ton T&D)	\$	97.00	\$ 102.71	\$ 105.79	\$ 3.08	3.00%
	South Central Facility	\$	-	\$ 65.00	\$ 66.00	\$ 1.00	1.54%
	Southeast Project	\$	58.00	\$ 58.00	\$ 58.00	\$ -	0.00%
	Other Location	\$	-	\$ 62.00	\$ -	\$ (62.00)	-100.00%
	Hauled Tons	Essex MSW		58,050	59,000	59,000	-
Essex Recyclables			8,134	8,000	8,500	500	6.25%
Torrington MSW			46,880	47,000	47,000	-	0.00%
Torrington Recyclables			7,857	7,000	9,000	2,000	28.57%
Watertown MSW			106,520	104,000	106,000	2,000	1.92%
Watertown Recyclables			5,932	6,000	6,000	-	0.00%
Sharon/Salisbury MSW			2,055	3,000	n/a	n/a	n/a
RRDD#1 per load MSW			172	200	185	(15)	-7.50%
MSW Byproduct Tons	Ash to Other		163,744	174,000	178,000	4,000	2.30%
	Non-processible Waste to Other		260	600	750	150	25.00%
Diverted MSW Tons	South Central Facility		162	1,000	-	(1,000)	-100.00%
	Southeast Project		7,351	-	1,000	1,000	n/a
	South Central Diversion & Other Location		-	-	-	n/a	n/a
Total Diverted MSW Tons			9,758	1,000	1,000	-	0.00%

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

REVENUES		ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance	
					Fiscal Year 17	
ACCOUNT	DESCRIPTION				Better (Worse) than FY16	Budget
					units	%
49-001-000-40101	Service Charges Solid Waste-Participating Town	\$ 23,351,179	\$ 23,811,000	\$ 24,568,000	\$ 757,000	3.18%
49-001-000-40110	Service Charges Solid Waste-Hauler Contracts	\$ 10,432,950	\$ 9,920,000	\$ 9,139,200	\$ (780,800)	-7.87%
49-001-000-40109	Service Charges Solid Waste-Other Contracts	\$ 4,771,163	\$ 5,040,000	\$ 4,915,200	\$ (124,800)	-2.48%
49-001-000-40103	Service Charges Solid Waste - Spot	\$ 1,077,775	\$ 2,851,000	\$ 3,412,000	\$ 561,000	19.68%
49-001-000-40111	Member Service Fee	\$ 50,845	\$ 52,000	\$ 40,000	\$ (12,000)	-23.08%
49-001-000-49104	Metal Sales	\$ 1,362,553	\$ 1,755,225	\$ 1,135,000	\$ (620,225)	-35.34%
49-001-000-49106	Municipal Bulky Waste & Mattresses/Box Spring	\$ 91,982	\$ 73,000	\$ 285,000	\$ 212,000	290.41%
49-001-000-42101	Recycling Facility	\$ 1,264,237	\$ 1,234,316	\$ 979,828	\$ (254,488)	-20.62%
49-001-000-xxxxx	Electricity	\$ 17,983,722	\$ 22,515,059	\$ 18,956,400	\$ (3,558,659)	-15.81%
49-001-000-45150	Miscellaneous Income	\$ 40,114	\$ 21,000	\$ 25,245	\$ 4,245	20.21%
49-001-000-46101	Interest Income	\$ 27,308	\$ 10,000	\$ 15,000	\$ 5,000	50.00%
TOTAL OPERATING REVENUES		\$ 60,453,828	\$ 67,282,600	\$ 63,470,873	\$ (3,811,727)	-5.67%

EXPENDITURES		ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance	
					Fiscal Year 17	
ACCOUNT	DESCRIPTION				Better (Worse) than FY16	Budget
					units	%
49-001-501-57871	Administrative Expenses	\$ 3,345,510	\$ 3,271,618	\$ 3,160,621	\$ 110,997	3.39%
49-001-501-xxxxx	Operational Expenses	\$ 2,416,437	\$ 3,444,678	\$ 2,932,035	\$ 512,643	14.88%
49-001-xxx-xxxxx	Assessment, Fees, Subsidies, & PILOTs	\$ 2,603,127	\$ 2,687,000	\$ 2,715,000	\$ (28,000)	-1.04%
49-001-505-xxxxx	Waste Transport	\$ 13,431,297	\$ 13,848,620	\$ 13,567,622	\$ 280,998	2.03%
49-001-xxx-xxxxx	MIRA Facilities Operating Expenses	\$ 1,073,025	\$ 1,146,000	\$ 1,078,700	\$ 67,300	5.87%
49-001-xxx-xxxxx	NAES Contract Operating Charges	\$ 28,394,626	\$ 29,485,000	\$ 30,289,971	\$ (804,971)	-2.73%
49-001-xxx-52719	NAES On-Site Incentive Compensation	\$ 835,070	\$ 919,000	\$ 913,025	\$ 5,975	0.65%
49-001-501-xxxxx	NAES Management Fees & Charges	\$ 1,016,134	\$ 1,195,000	\$ 1,233,000	\$ (38,000)	-3.18%
49-001-501-59105	Murphy Road Operations Center	\$ 139,000	\$ 127,300	\$ 127,300	\$ -	0.00%
49-001-xxx-xxxxx	Transfer Stations	\$ 1,642,531	\$ 1,700,000	\$ 1,706,900	\$ (6,900)	-0.41%
49-001-506-xxxxx	Recycling Facility	\$ 705,289	\$ 926,170	\$ 591,215	\$ 334,955	36.17%
TOTAL OPERATING EXPENDITURES		\$ 55,602,047	\$ 58,750,386	\$ 58,315,389	\$ 434,997	0.74%
NET INCOME / (LOSS)		\$ 4,851,781	\$ 8,532,214	\$ 5,155,484	\$ (3,376,730)	-39.58%

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

DISBURSEMENT OF CSWS NET INCOME

ACCOUNT	DESCRIPTION	ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance Fiscal Year 17	
					Better (Worse) than FY16 Budget units	%
49-001-501-52687	Contribution to CSWS Improvement Fund	\$ -	\$ 9,452,004	\$ 10,320,705	\$ 868,701	9.19%
49-001-000-47216	CSWS Tip Fee Stabilization Fund	\$ -	\$ (919,790)	\$ (5,165,221)	\$ (4,245,431)	461.57%
TOTAL DISBURSEMENT OF CSWS NET INCOME		\$ -	\$ 8,532,214	\$ 5,155,484	\$ (3,376,730)	-39.58%
BALANCE		\$ 4,851,781	\$ -	\$ -	\$ -	0.00%

TIP FEES

ACCOUNT	DESCRIPTION	ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance Fiscal Year 17	
					Better (Worse) than FY16 Budget units	%
MSW	Tier 1 Short-term	\$ 64.00	\$ 64.00	\$ 66.00	\$ 2.00	3.13%
	Tier 1 Long-term / Tier 3	\$ 62.00	\$ 62.00	\$ 64.00	\$ 2.00	3.23%
	Tier 4	\$ -	\$ -	\$ 67.00	\$ 67.00	n/a
	Tier 2	\$66.00 - \$68.50	\$ 66.00	\$ 68.00	\$ 2.00	3.03%
	Other Contracts Tip Fee		(a)	(a)	n/a	n/a
	Hauler Contracts Tip Fee	\$ 64.00	\$ 64.00	\$ 64.00	\$ -	0.00%
	Municipal Bulky Waste	\$ 85.00	\$ 85.00	\$ 85.00	\$ -	0.00%
	Spot	(b)	(b)	(b)	n/a	n/a
Other	Mattresses/Box Spring Surcharge (per unit)	\$ 30.00	\$ 30.00	\$ 30.00	\$ -	0.00%
	Ferrous Residue (Inbound)	\$ 40.00	\$ 40.00	\$ 40.00	\$ -	0.00%

(a) Rate based on negotiated contract.

(b) Rate based on market condition.

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

EXPENDITURE DETAILS		Variance Fiscal Year 17				
ACCOUNT	DESCRIPTION	ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Better (Worse) than FY16 Budget units	%
ADMINISTRATIVE EXPENSES						
	INDIRECT SALARIES/LABOR & BENEFITS - ADMINISTRATION	\$ 3,345,510	\$ 3,271,618	\$ 3,160,621	\$ 110,997	3.39%
OPERATIONAL EXPENSES						
49-001-501-xxxx	DIRECT SALARIES/LABOR & BENEFITS - OPERATIONAL	\$ 1,284,465	\$ 1,910,678	\$ 1,696,996	\$ 213,682	11.18%
ASSET PROTECTION & STATUTORY COMPLIANCE						
49-001-501-52115	Legal Notices	\$ 2,674	\$ 7,500	\$ 7,500	\$ -	0.00%
49-001-501-52407	Project Equipment Maintenance	\$ (605)	\$ -	\$ -	\$ -	n/a
49-001-501-52502	Fees/Licenses/Permits	\$ 40	\$ 1,000	\$ 600	\$ 400	40.00%
49-001-501-52505	Claims/Losses	\$ 11,066	\$ 50,000	\$ 10,000	\$ 40,000	80.00%
49-001-501-52602	Bad Debt Expense	\$ -	\$ 500	\$ 500	\$ -	0.00%
49-001-501-52856	Legal	\$ 235,264	\$ 100,000	\$ 100,000	\$ -	0.00%
49-001-501-52640	WPF and PBF Insurance Premium	\$ 733,858	\$ 1,166,000	\$ 932,560	\$ 233,440	20.02%
49-001-501-52875	Insurance Broker	\$ 49,602	\$ 60,000	\$ 48,000	\$ 12,000	20.00%
	Subtotal Asset Protection & Statutory Compliance	\$ 1,031,899	\$ 1,385,000	\$ 1,099,160	\$ 285,840	20.64%
ENGINEERING, TECHNOLOGY, AND EQUIPMENT/FACILITY						
49-001-501-52899	Engineering & Technology Consulting Services	\$ 29,779	\$ 30,000	\$ 30,000	\$ -	0.00%
49-001-501-54482	Computer Hardware	\$ 336	\$ 1,500	\$ 5,000	\$ (3,500)	-233.33%
49-001-501-54483	Computer Software	\$ -	\$ 500	\$ 300	\$ 200	40.00%
	Subtotal Engineering, Technology, and Equipment/Facility	\$ 30,115	\$ 32,000	\$ 35,300	\$ (3,300)	-10.31%
OTHER OPERATING EXPENSES						
49-001-501-52101	Postage & Delivery Fees	\$ 1,074	\$ 4,100	\$ 4,100	\$ -	0.00%
49-001-501-52108	Printing Services	\$ 8,584	\$ 5,000	\$ 7,500	\$ (2,500)	-50.00%
49-001-501-52202	Office Supplies	\$ 495	\$ 4,000	\$ 1,500	\$ 2,500	62.50%
49-001-501-52211	Protect Clothing/Safety Equipment	\$ 6,233	\$ 4,400	\$ 6,800	\$ (2,400)	-54.55%
49-001-501-52302	Miscellaneous Services	\$ 100	\$ 1,000	\$ 179	\$ 821	82.10%
49-001-501-xxxx	Meetings & Training	\$ 2,454	\$ 15,500	\$ 11,500	\$ 4,000	25.81%
49-001-501-52401	Vehicle Repair/Maintenance	\$ 5,059	\$ 16,000	\$ 11,000	\$ 5,000	31.25%
49-001-501-52612	Fuel for Vehicles	\$ 11,958	\$ 17,000	\$ 13,000	\$ 4,000	23.53%
49-001-501-52615	Temporary Agency Services	\$ 34,002	\$ -	\$ 5,000	\$ (5,000)	100.00%
49-001-501-52859	Financial Services	\$ -	\$ 50,000	\$ 40,000	\$ 10,000	20.00%
	Subtotal Other Operating	\$ 69,958	\$ 117,000	\$ 100,579	\$ 16,421	14.04%
	Subtotal Operational Expenses	\$ 2,416,437	\$ 3,444,678	\$ 2,932,035	\$ 512,643	14.88%

n/a not applicable

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

EXPENDITURE DETAILS		ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance Fiscal Year 17	
					Better (Worse) than FY16 Budget units	%
ACCOUNT	DESCRIPTION					
ASSESSMENT, FEES, SUBSIDIES, & PILOTS						
49-001-501-52507	City of Hartford PILOT	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ -	0.00%
49-001-xxx-52508	Transfer Station Host Community Benefit Fees	\$ 145,692	\$ 147,500	\$ 151,500	\$ (4,000)	-2.71%
49-001-602-52506	Solid Waste Assessment (Dioxin)	\$ 957,435	\$ 1,039,500	\$ 1,063,500	\$ (24,000)	-2.31%
Subtotal Assessment, Fees, Subsidies, & PILOTS		\$ 2,603,127	\$ 2,687,000	\$ 2,715,000	\$ (28,000)	-1.04%
WASTE TRANSPORT						
49-001-505-52701	Contract Operating Charges (excludes recycling transportation)	\$ 2,878,686	\$ 2,996,620	\$ 3,054,660	\$ (58,040)	-1.94%
49-001-505-52710	Disposal Fees - Solid Waste Bypass	\$ 805,167	\$ 65,000	\$ 58,000	\$ 7,000	10.77%
49-001-505-52711	Ash Disposal	\$ 9,702,048	\$ 10,725,360	\$ 10,375,620	\$ 349,740	3.26%
49-001-505-52716	Non-Processible Disposal Fees	\$ 45,396	\$ 61,640	\$ 79,343	\$ (17,703)	-28.72%
Subtotal Waste Transport		\$ 13,431,297	\$ 13,848,620	\$ 13,567,622	\$ 280,998	2.03%
MIRA FACILITIES OPERATING EXPENSES						
49-001-601-52104	Telecommunications	\$ 1,618	\$ 1,600	\$ 1,625	\$ (25)	-1.56%
49-001-601-52404	Building Operations	\$ 4,873	\$ 7,000	\$ 7,000	\$ -	0.00%
49-001-601-53304	Electricity	\$ 149	\$ -	\$ 100	\$ (100)	100.00%
49-001-601-54482	Computer Hardware	\$ -	\$ 500	\$ 300	\$ 200	40.00%
49-001-601-52407	Project Equipment Maintenance	\$ 800	\$ 6,500	\$ 3,500	\$ 3,000	46.15%
49-001-601-52502	Fees/Licenses/Permits	\$ 1,000	\$ 8,000	\$ 5,875	\$ 2,125	26.56%
49-001-601-52709	Other Operating Charges	\$ 30,780	\$ 36,100	\$ 34,000	\$ 2,100	5.82%
49-001-601-52858	Engineering Consultants	\$ 45,407	\$ 38,100	\$ 49,100	\$ (11,000)	-28.87%
49-001-601-52901	Environmental Testing	\$ 11,429	\$ 5,000	\$ 13,100	\$ (8,100)	-162.00%
Subtotal MIRA WPF Operating Expenses		\$ 96,056	\$ 103,000	\$ 114,600	\$ (11,600)	-11.26%
49-001-602-52502	Fees/Licenses/Permits	\$ 296,641	\$ 345,000	\$ 335,750	\$ 9,250	2.68%
49-001-602-52720	Power Products Management Fee	\$ 79,220	\$ 75,100	\$ 75,800	\$ (700)	-0.93%
49-001-602-52858	Engineering Consultants	\$ 13,846	\$ 33,100	\$ 27,100	\$ 6,000	18.13%
49-001-602-52901	Environmental Testing	\$ 47,852	\$ 102,300	\$ 59,450	\$ 42,850	41.89%
49-001-602-53304	Electricity	\$ 276,673	\$ 128,000	\$ 176,000	\$ (48,000)	-37.50%
49-001-602-53309	Other Utilities	\$ 262,737	\$ 360,000	\$ 290,000	\$ 70,000	19.44%
Subtotal MIRA PBF Operating Expenses		\$ 976,969	\$ 1,043,500	\$ 964,100	\$ 79,400	7.61%
Total MIRA Facilities Operating Expenses		\$ 1,073,025	\$ 1,146,000	\$ 1,078,700	\$ 67,300	5.87%

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance Fiscal Year 17	
					Better (Worse) than FY16 Budget units	%
<u>NAES CONTRACT OPERATING CHARGES</u>						
49-001-601-52701	WPF Operating & Maintenance (O&M) Fees	\$ 4,772,309	\$ 5,244,300	\$ 4,693,700	\$ 550,600	10.50%
49-001-601-52718	WPF Labor & Overhead	\$ 5,427,971	\$ 5,906,000	\$ 6,026,948	\$ (120,948)	-2.05%
49-001-601-xxxx	Subtotal NAES WPF Contract Operating Charges	\$ 10,200,280	\$ 11,150,000	\$ 10,720,648	\$ 429,352	3.85%
49-001-602-52701	PBF Operating & Maintenance (O&M) Fees	\$ 10,823,121	\$ 10,543,500	\$ 11,480,058	\$ (936,558)	-8.88%
49-001-602-52718	PBF Labor & Overhead	\$ 7,371,225	\$ 7,791,200	\$ 8,089,265	\$ (298,065)	-3.83%
49-001-602-xxxx	Subtotal NAES PBF Contract Operating Charges	\$ 18,194,346	\$ 18,335,000	\$ 19,569,323	\$ (1,234,323)	-6.73%
	Total NAES Contract Operating Charges	\$ 28,394,626	\$ 29,485,000	\$ 30,289,971	\$ (804,971)	-2.73%
<u>NAES ON-SITE INCENTIVE COMPENSATION</u>						
49-001-601-52719	WPF On-Site Personnel Incentive Compensation	\$ 349,933	\$ 393,000	\$ 383,922	\$ 9,078	2.31%
49-001-602-52719	PBF On-Site Personnel Incentive Compensation	\$ 485,137	\$ 526,000	\$ 529,103	\$ (3,103)	-0.59%
	Subtotal NAES On-Site Incentive Compensation	\$ 835,070	\$ 919,000	\$ 913,025	\$ 5,975	0.65%
<u>NAES MANAGEMENT FEES & CHARGES</u>						
49-001-501-52703	Management Fee	\$ 700,199	\$ 803,000	\$ 816,000	\$ (13,000)	-1.62%
49-001-501-52717	Engineering, accounting, and regulation expenses	\$ 315,935	\$ 392,000	\$ 417,000	\$ (25,000)	-6.38%
	Subtotal NAES Management Fees & Charges	\$ 1,016,134	\$ 1,195,000	\$ 1,233,000	\$ (38,000)	-3.18%
<u>MURPHY ROAD OPERATIONS CENTER</u>						
49-001-501-59105	CSWS Share of Murphy Rd Operations Center	\$ 139,000	\$ 127,300	\$ 127,300	\$ -	0.00%
	Subtotal Murphy Rd Operations Center	\$ 139,000	\$ 127,300	\$ 127,300	\$ -	0.00%
<u>TRANSFER STATION - ELLINGTON (c)</u>						
49-001-610-52104	Telecommunications	\$ 263	\$ 1,000	\$ 1,000	\$ -	0.00%
49-001-610-52404	Building Operations	\$ 1,924	\$ 5,500	\$ 9,000	\$ (3,500)	-63.64%
49-001-610-52407	Project Equipment Maintenance	\$ 1,574	\$ -	\$ -	\$ -	n/a
49-001-610-52415	Ground Maintenance	\$ -	\$ 2,500	\$ 5,000	\$ (2,500)	-100.00%
49-001-610-53304	Electricity	\$ 4,148	\$ 4,500	\$ 5,000	\$ (500)	-11.11%
49-001-610-52502	Fees/Licenses/Permits	\$ 288	\$ 2,500	\$ 2,500	\$ -	0.00%
	Subtotal Ellington TS	\$ 8,197	\$ 16,000	\$ 22,500	\$ (6,500)	-40.63%

(c) Ellington TS closed in January 2013

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

EXPENDITURE DETAILS

ACCOUNT	DESCRIPTION	ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance Fiscal Year 17	
					Better (Worse) than FY16 units	Budget %
<u>TRANSFER STATION - ESSEX</u>						
49-001-611-52104	Telecommunications	\$ 2,200	\$ 2,100	\$ 2,100	\$ -	0.00%
49-001-611-52404	Building Operations	\$ 3,440	\$ 12,500	\$ 11,600	\$ 900	7.20%
49-001-611-52407	Project Equipment Maintenance	\$ 8,471	\$ 11,500	\$ 11,500	\$ -	0.00%
49-001-611-52502	Fees/Licenses/Permits	\$ 342	\$ 1,550	\$ 1,550	\$ -	0.00%
49-001-611-52701	Contract Operating Charges	\$ 533,462	\$ 532,800	\$ 536,550	\$ (3,750)	-0.70%
49-001-611-52858	Engineering Consultants	\$ 2,169	\$ 8,000	\$ 5,000	\$ 3,000	37.50%
49-001-611-52901	Environmental Testing	\$ 175	\$ 2,450	\$ 2,200	\$ 250	10.20%
Subtotal Essex TS		\$ 550,260	\$ 570,900	\$ 570,500	\$ 400	0.07%
<u>TRANSFER STATION - TORRINGTON</u>						
49-001-612-52104	Telecommunications	\$ 2,494	\$ 2,600	\$ 2,600	\$ -	0.00%
49-001-612-52404	Building Operations	\$ 3,409	\$ 9,000	\$ 10,000	\$ (1,000)	-11.11%
49-001-612-52407	Project Equipment Maintenance	\$ 7,971	\$ 11,500	\$ 11,500	\$ -	0.00%
49-001-612-52502	Fees/Licenses/Permits	\$ 342	\$ 1,550	\$ 1,550	\$ -	0.00%
49-001-612-52701	Contract Operating Charges	\$ 516,564	\$ 511,000	\$ 514,250	\$ (3,250)	-0.64%
49-001-612-52858	Engineering Consultants	\$ 1,730	\$ 8,000	\$ 5,000	\$ 3,000	37.50%
49-001-612-52901	Environmental Testing	\$ 2,385	\$ 2,450	\$ 2,500	\$ (50)	-2.04%
Subtotal Torrington TS		\$ 534,896	\$ 546,100	\$ 547,400	\$ (1,300)	-0.24%
<u>TRANSFER STATION - WATERTOWN</u>						
49-001-613-52104	Telecommunications	\$ 1,182	\$ 1,700	\$ 1,600	\$ 100	5.88%
49-001-613-52404	Building Operations	\$ 4,828	\$ 10,000	\$ 9,000	\$ 1,000	10.00%
49-001-613-52407	Project Equipment Maintenance	\$ 7,971	\$ 11,500	\$ 11,500	\$ -	0.00%
49-001-613-52502	Fees/Licenses/Permits	\$ 342	\$ 1,550	\$ 1,550	\$ -	0.00%
49-001-613-52701	Contract Operating Charges	\$ 534,025	\$ 532,800	\$ 536,600	\$ (3,800)	-0.71%
49-001-613-52858	Engineering Consultants	\$ 1,247	\$ 8,000	\$ 5,000	\$ 3,000	37.50%
49-001-613-52901	Environmental Testing	\$ (416)	\$ 1,450	\$ 1,250	\$ 200	13.79%
Subtotal Watertown TS		\$ 549,179	\$ 567,000	\$ 566,500	\$ 500	0.09%

MIRA - CONNECTICUT SOLID WASTE SYSTEM DIVISION (CSWS)

REVENUE & EXPENDITURE DETAILS		ACTUAL FY15	ADOPTED FY16	ADOPTED FY17	Variance	
					Fiscal Year 17	
ACCOUNT	DESCRIPTION				Better (Worse) than FY16 Budget units	%
RECYCLING FACILITY						
REVENUES						
49-001-000-42101	Recycling Sales	\$ 1,264,237	\$ 1,234,316	\$ 979,828	\$ (254,488)	-20.62%
EXPENDITURES						
49-001-506-52104	Telecommunications					
49-001-506-52115	Legal Notices	\$ -	\$ 500	\$ -	\$ (500)	-100.00%
49-001-506-52305	Bus. Meetings & Travel	\$ -	\$ 500	\$ -	\$ (500)	-100.00%
49-001-506-52355	Mileage Reimbursement	\$ -	\$ 500	\$ -	\$ (500)	-100.00%
49-001-506-52404	Building Operations	\$ 2,763	(d)	\$ -	\$ -	n/a
49-001-506-52407	Project Equipment Maintenance	\$ 10,899	\$ 25,500	\$ 25,500	\$ -	0.00%
49-001-506-52502	Fees/Licenses/Permits	\$ 1,563	\$ 4,250	\$ 3,250	\$ 1,000	23.53%
49-001-506-52620	Recycling Delivery Rebate	\$ 216,346	\$ 400,000	\$ -	\$ 400,000	100.00%
49-001-506-52701	Contract Operating Charges	\$ 240	\$ 1,000	\$ 500	\$ 500	50.00%
49-001-506-52707	Transportation Expense	\$ 465,876	\$ 465,920	\$ 526,865	\$ (60,945)	-13.08%
49-001-506-52858	Engineering Consultants	\$ 4,550	\$ 23,000	\$ 31,100	\$ (8,100)	-35.22%
49-001-506-52901	Environmental Testing	\$ 3,052	\$ 5,000	\$ 4,000	\$ 1,000	20.00%
Total Expenditures		\$ 705,289	\$ 926,170	\$ 591,215	\$ 334,955	36.17%

(d) Transferred to the Property Division in FY16.