



## Notice of Special Meeting and Agenda

The Mid-Connecticut Project Municipal Advisory Committee will hold a **special meeting** on **Wednesday, September 26, at 8:30 a.m.** at the **CRRA Trash Museum, 211 Murphy Road, Hartford.**

Municipal Advisory Committee members are asked to **RSVP to Marianne Carcio at 860-757-7792 or [mcarcio@crra.org](mailto:mcarcio@crra.org) by noon on Friday, September 21.**

**Members intending to send proxies must have valid letters of delegation on file with CRRA. (A list of valid proxies will be distributed to members with meeting materials.)**

### AGENDA

1. Call to order
2. Pledge of Allegiance
3. Roll call
4. Approval of minutes
  - a. June 1, 2012, special meeting (Section 1)
5. Mid-Connecticut Project update – CRRA management
  - a. Operational performance
    - i. MSW deliveries and trends (Section 2)
    - ii. Recyclables deliveries and trends (Section 3 – include report and news release)
    - iii. Facilities report (Section 4 – include report and news release about efficiency)
    - iv. Education report (Section 5)
  - b. Financial and variance report (Section 6)
6. President's report
  - a. Connecticut Solid Waste System revenue shortfall
  - b. Solid-waste hierarchy changes
  - c. Waste pricing and availability
  - d. FY 2014-2015 planning activities
  - e. Legal/regulatory update
    - i. MDC arbitration
    - ii. Nutmeg Road Recycling intervention
    - iii. Title V Permit renewal intervention
7. Public comment

*Members of the public wishing to address the Municipal Advisory Committee may speak for up to three minutes.*
8. Adjournment



# **SECTION 1**



**DRAFT MINUTES**  
**JUNE 1, 2012**

The Mid-Connecticut Project Municipal Advisory Council (MAC) held a special meeting on June 1, 2012, at the CRRA Trash Museum, 211 Murphy Road, Hartford, Connecticut. In attendance were:

**VOTING MEMBERS AND PROXIES**

<b><u>Town</u></b>	<b><u>First Name</u></b>	<b><u>Last Name</u></b>	<b><u>Title/Proxy</u></b>
Barkhamsted	<b>Donald</b>	<b>Stein</b>	<b>First Selectman</b>
Bloomfield	<b>William</b>	<b>Hogan</b>	Delegate for Mayor Sydney Schulman
Canton	John	Adams	Proxy for First Selectman Richard Barlow
Colebrook	<b>Thomas</b>	<b>McKeon</b>	<b>First Selectman</b>
Cornwall	Ralph	Eno	Proxy for First Selectman Gordon Ridgway
Durham	Ralph	Eno	Proxy for First Selectman Laura Francis
East Granby	<b>James</b>	<b>Hayden</b>	<b>First Selectman</b>
Essex	<b>Susan</b>	<b>Malan</b>	Delegate for First Selectman Norman Needleman
Glastonbury	<b>Michael</b>	<b>Bisi</b>	Delegate for Town Manager Richard Johnson
Granby	<b>John</b>	<b>Adams</b>	<b>First Selectman</b>
Haddam	Ralph	Eno	Proxy for First Selectman Paul DeStefano
Killingworth	Ralph	Eno	Proxy for First Selectwoman Catherine Iino
Litchfield	<b>Leo</b>	<b>Paul</b>	<b>First Selectman</b>
Lyme	<b>Ralph</b>	<b>Eno</b>	<b>First Selectman</b>
Middlefield	Ralph	Eno	Proxy for First Selectman Jon Brayshaw
Norfolk	<b>Susan</b>	<b>Dyer</b>	<b>First Selectman / M-CPMAC Chair</b>
Salisbury	Ralph	Eno	Proxy for First Selectman Curtis Rand
Sharon	Ralph	Eno	Proxy for First Selectman Robert Loucks
Torrington	Susan	Dyer	Proxy for Mayor Ryan Bingham
Wethersfield	<b>Jeff</b>	<b>Bridges</b>	<b>Town Manager (arrived at 10:43 a.m.)</b>
Winchester	Donald	Stein	Proxy for Town Manager Dale Martin
Windsor Locks	<b>Steven</b>	<b>Wawruck</b>	<b>First Selectman</b>
Woodbury	<b>Gerald</b>	<b>Stomski</b>	<b>First Selectman</b>

**CRRA MANAGEMENT:**

- Thomas D. Kirk, President
- Paul Nonnenmacher, Director of Public Affairs, CRRA Liaison
- Peter W. Egan, Director of Operations & Environmental Affairs
- Jim Perras, Government Affairs Liaison
- Marianne L. Carcio, Executive Assistant
- James P. Bolduc, Chief Financial Officer
- Laurie Hunt, Director of Legal Affairs
- Jeff Duvall, Manager of Budgets & Forecasting
- David B. Damer, Board of Directors
- Thomas D. Ritter, Brown Rudnick (CRRA Municipal Government Relations Liaison)

**INVITED GUESTS:**

Macky McCleary, Deputy Commissioner, Department of Energy & Environmental Protection  
Elizabeth Donohue, Director of Policy, Office of the Governor (both arrived at 11 a.m.)

**OTHER MUNICIPAL PERSONNEL:**

Jerry Rollett, City of Torrington  
Richard Johnson, Town of Glastonbury  
Barbara Bertrand, Town of Windsor Locks

**MEMBERS OF THE PUBLIC:**

Cheryl Thibeault, Covanta  
Mark Bobman, Bristol Resource Recovery Facility Operating Committee  
Diane Duva, Connecticut Department of Energy & Environmental Protection  
John Pizzimenti, USA Hauling & Recycling

**1. CALL TO ORDER**

Municipal Advisory Committee **Chairman Susan Dyer** called the meeting to order at 10:35 a.m.

**2. PLEDGE OF ALLEGIANCE**

Those in attendance stood and recited the Pledge of Allegiance.

**3. ROLL CALL**

**Mr. Nonnenmacher** called the roll and informed the chair that with 22 members in attendance or represented by delegates or proxies there was a quorum.

**4. APPROVAL OF MINUTES**

**Mr. Eno** moved to approve the minutes of the meeting of January 23, 2012. **Mr. Hogan** seconded. The motion passed unanimously.

**5. MID-CONNECTICUT PROJECT UPDATE**

**Mr. Kirk** summarized the reports in Sections 3-7 of the agenda package:

- Those towns that have still not decided on a new disposal contract still have time to do so but CRRA is encouraging them to move swiftly.
- Trash deliveries continue to be flat due to the economy.
- Recycling deliveries are still increasing but the improvements due to single-stream recycling appear to be reaching their maximum.
- The trash-to-energy plant continues to perform well, with capacity and boiler availability both good.
- The Project is expecting about a \$2.5 million surplus, which is very good considering the price of electricity generated by the plant will be lower in the last month of the fiscal year.

**Mr. Bridges** arrived at 10:43 a.m.

**Mr. Hogan** asked whether CRRA anticipates paying a recycling rebate. **Mr. Kirk** said that decision would be made by the CRRA Board of Directors and though the cash will be available for a rebate he was hesitant to speak for the CRRA Board.

**Mr. Hogan** asked whether the decreased power price would require any adjustments to the FY 2013 budget. **Mr. Kirk** said management will adjust the budget but not the disposal fees, and that the budget was prepared anticipating the horrific power price.

**Mr. Eno** noted the Operations Report listed a number of standbys due to low inventory and asked whether that was due to a lack of trash. **Mr. Kirk** said it was.

**Mr. Eno** said he had noticed the Governor's Working Group on Modernizing Recycling had a pretty broad spectrum of members but none from CRRA and asked whether CRRA was offered a seat. **Mr. Stein** said that when Ms. Donahue offered him the chairmanship of CRRA she also offered him a seat on the Working Group. He said Richard Barlow, first selectman of Canton, is a member of the Working Group and is part of CRRA. **Mr. Kirk** said CRRA is optimistic that it will have plenty of opportunity to consult with the Working Group.

**Chairman Dyer** asked the result of having boilers on standby. **Mr. Kirk** said it means CRRA is not collecting a disposal fee and not generating revenue-producing electricity.

At 11 a.m., invited guests **Mr. McCleary** and **Ms. Donahue** arrived. **Chairman Dyer**, with the consent of those in attendance, asked Mr. Kirk to suspend his report and moved immediately to the agenda item for Mr. McCleary and Ms. Donahue.

#### **8. INVITED GUESTS DISCUSSING ISSUES PERTINENT TO CRRA**

**Mr. Kirk** delivered a brief presentation (attached) which raised the possibility of CRRA being forced to export its trash should the trash-to-energy plant no longer be financially viable. **Chairman Dyer** asked whether environmentalists in other states would fight their states' acceptance of Connecticut trash. **Mr. Kirk** said other states have large landfills with millions of tons of capacity. **Mr. Stein** said other trash-to-energy plants in the state will be faced with declining power prices as well. **Mr. Eno** said that in the final hours of the legislative session a bill making it easier to export trash was passed. **Mr. Adams** said he has spoken with people in the solid-waste industry in Pennsylvania who have reported landfill disposal fees are in the \$20s per ton and, with transportation, the total cost for Connecticut municipalities would be in the \$50s per ton. He said we're all environmentalists but we have fiduciary responsibilities to our towns. **Mr. Kirk** pointed to Connecticut's national leadership in solid-waste management and said it would be a shame to just throw away those years of hard work. He said CRRA is working with the Department of Energy & Environmental Protection and the Office of the Governor to solve the problem.

**Mr. McCleary** said the \$85-per-ton disposal fee which could be created by dropping power prices is a non-starter. He said the decrease in wholesale power prices due to dropping natural-gas prices is happening everywhere, not just New England, and barring unforeseen circumstances natural-gas prices will continue to decrease. He said Connecticut's trash-to-energy system is operating but is in flux and the Administration's goal is to create a bridge between now and the time when Connecticut again becomes a leader in materials management.

**Chairman Dyer** asked what the state would say if her town opted out of its contract with CRRA and began exporting to the large Seneca Meadows landfill in Waterloo, N.Y. **Mr. McCleary** said he thought it would be short-sighted to take such a contract, and that the price difference would not be that great over a long-term contract with such a disposal facility. **Ms. Donahue** said the Administration is trying to balance two priorities—keeping costs down for cities and towns and protecting the environment.

**Mr. McCleary** said Public Act 11-80 allows changes to the way electricity is purchased via administrative action. He said the state needs a short-term fix for the economic challenges facing trash-to-energy but fundamentally the trash-to-energy business model is broken and needs to be fixed for the future. **Mr. Stein** said some people have discussed a smaller working group including himself, Mr. Barlow and a few others to work that out. **Mr. McCleary** said the next materials management summit would be held on June 12.

**Mr. McCleary** and **Ms. Donahue** left at 12:02 p.m.

#### **5. MID-CONNECTICUT PROJECT UPDATE (continued)**

**Mr. Kirk** concluded the project update by reporting on two legal items:

- CRRA is awaiting a judge's ruling on the Metropolitan District (MDC)'s selection of an arbitrator in MDC's claim that CRRA is responsible for post-retirement pensions and benefits for MDC employees who worked at the waste processing facility (WPF) while MDC held a contract to operate the WPF.
- CRRA's intervention in Nutmeg Road Recycling's solid-waste permit modification application is stalled at the moment due to other activities.

#### **6. PRESIDENT'S REPORT**

**Mr. Kirk** had nothing to add to his reports in Item 5 and his presentation in Item 9.

#### **7. LEGISLATIVE REPORT**

**Mr. Kirk** referred to Mr. Perras those interested in the outcome of legislation in which CRRA was interested during the 2012 legislative session.

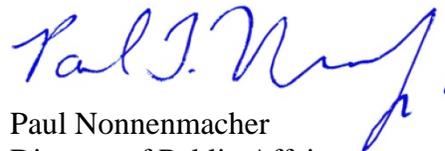
#### **9. PUBLIC COMMENT**

**Chairman Dyer** offered members of the public the opportunity to address the MAC. No one did so.

#### **10. ADJOURNMENT**

There being no further business, **Mr. McKeon** moved to adjourn. **Mr. Eno** seconded. The motion passed unanimously and the meeting adjourned at 12:06 p.m.

Respectfully submitted,



Paul Nonnenmacher  
Director of Public Affairs  
CRRA Liaison

# CRRA System Status

## Mid-Connecticut Project

CRRA Mission: Implement the CT solid Waste Management Plan i.e.

1. Reduce
2. Reuse
3. Recycle
4. Recover the Energy from what remains
5. Landfill as last resort

CT is nation's leader in integrated waste management:

- First and only state to eliminate MSW landfills
- 100% availability for Residential recycling collection
- Largest source of Bio mass-Renewable energy in Region
- Flat, stable and predictable tipping fee history

June 1, 2012



## CRRA System Status

# Mid-Connecticut Project

CT MSW historical success is at risk due to disposal capacity reductions as a result of an unprecedented collapse in wholesale energy pricing.

- Waste to energy facilities have two revenue streams: Energy and Tipping fees
- Energy is up to 2/3rds of a facility's revenue and critical to viability
- CT has five W to E facilities handling virtually all MSW, 2.2 mill. tons
- Alternative disposal technologies are unproven, uneconomic, or otherwise unavailable to meet CT demand in short term
- CT has two Options: Maintain Instate capacity or export to regional landfill disposal sites

June 1, 2012



## CRRA System Status

# Mid-Connecticut Project

### MidConn operation challenges:

1. RDF technology, Plant age, capital investment needs
2. Large Geographic service region and transfer station costs
3. Competition from private transfer stations
4. Subsidies paid to recycling, education and other State policy initiatives
5. Highest fixed costs per ton vs. other facilities
6. CATASTROPHIC DROP IN ENERGY REVENUES

June 1, 2012



## CRRA System Status

# Mid-Connecticut Project

The recent drop in energy prices makes  
MidConn economically non viable:

Tipping fees necessary to operate the plant with  
\$0.035/kwh yield a tipping fee (\$85-90/ton), above  
the alternative cost of export (\$72-85/ton)

June 1, 2012



# CRRA System Status

## Mid-Connecticut Project

Dec 2007	\$0.081	Market actual, Auction Constellation Power LLP
Sept 2009	\$0.09	Market estimate
Dec 2009	\$0.09	Market Estimate
Jan 2010	\$0.085	Market estimate and day ahead actuals
May 2010	\$0.65	CRRA MSA offering pro forma assumption
July 2010	\$0.09	Market estimate and day ahead actuals
Dec 2010	\$0.08	Market Estimate
Jan 2011	\$0.08	Market Estimate Initial due date for MSAs signed by Towns
July 2011	\$0.08	Market estimate and day ahead actuals first adjusted due date for MSAs
Aug 2011	\$0.057	Commissioned Forecast, Power Advisory LLC
Sep 2011	\$0.055	CRRA adjustment to Pro forma
Oct 2011	\$0.055	Market estimate, Day ahead actuals -second adjusted due date for MSA
Dec 2011	\$0.055	Market estimate, Day ahead actuals -final adjusted due date for MSA
Jan 2012	\$0.035	Auction result, Constellation Power LLP
Apr 2012	\$0.028	Market estimate, Day ahead actuals
June 1, 2012		



# CRRA System Status

## Mid-Connecticut Project

- Power price directly impacts disposal fee

Energy price	annual revenue	impact on tipping fee
\$0.081/kwh (2007)	\$35,964,000	
\$0.035/kwh (2012)	<u>\$14,525,000</u>	
	\$21,439,000	or \$30.11/ton (712,000 tons)

Each penny of energy price = \$4,150,000 or \$5.82/ton

June 1, 2012



## CRRA System Status

# Mid-Connecticut Project

- If revenue shortfall continues, plant cannot operate.
  - MSAs still honored: CRRA will continue to provide disposal services as promised in MSA's
  - As MidCT plant begins phase-out, diversion to transfer-and-haul and begin construction of intermodal transfer facility
  - Use of Regional landfill capacity (PA, OH, VA)
  - Tipping fee subject to market for regional disposal and diesel prices.

June 1, 2012



# CRRA System Status

## Mid-Connecticut Project



June 1, 2012



## CRRA System Status

# Mid-Connecticut Project

### Impacts of MidConn Facility Phase-out

- Economic:
  - Higher costs to towns, Pilots, Jobs, Tax revenues
- Energy:
  - 66 MW 425 gwh renewable power in Downtown Hartford, Transmission impact, voltage support
- Waste Impact:
  - loss of CT self sufficiency, more landfilling, reduction in recycling rates, SWMP goals
- Environmental:
  - up to 300 18 wheel transfer trucks on road daily, emissions, traffic

June 1, 2012



# CRRA System Status

## Mid-Connecticut Project

### CRRA Proposed solution:

Incentivize Publicly owned , Renewable Trash to Energy capacity, similar to incentives for other renewable energy to assure continued availability of this environmentally preferred disposal technology.

Specifically, utilize PA 11-80 to provide above market wholesale power agreement similar to the original 'avoided cost' power agreement.

Other solutions may be utilized.

Target price: \$0.085/kwh will maintain MidConn viability and Tipping fees within the predicted and anticipated opt-out range of the Tier I MSAs and maintain Town costs within anticipated ranges

CRRA is working diligently with DEEP and Executive agencies to implement this or another solution. Time is critical.

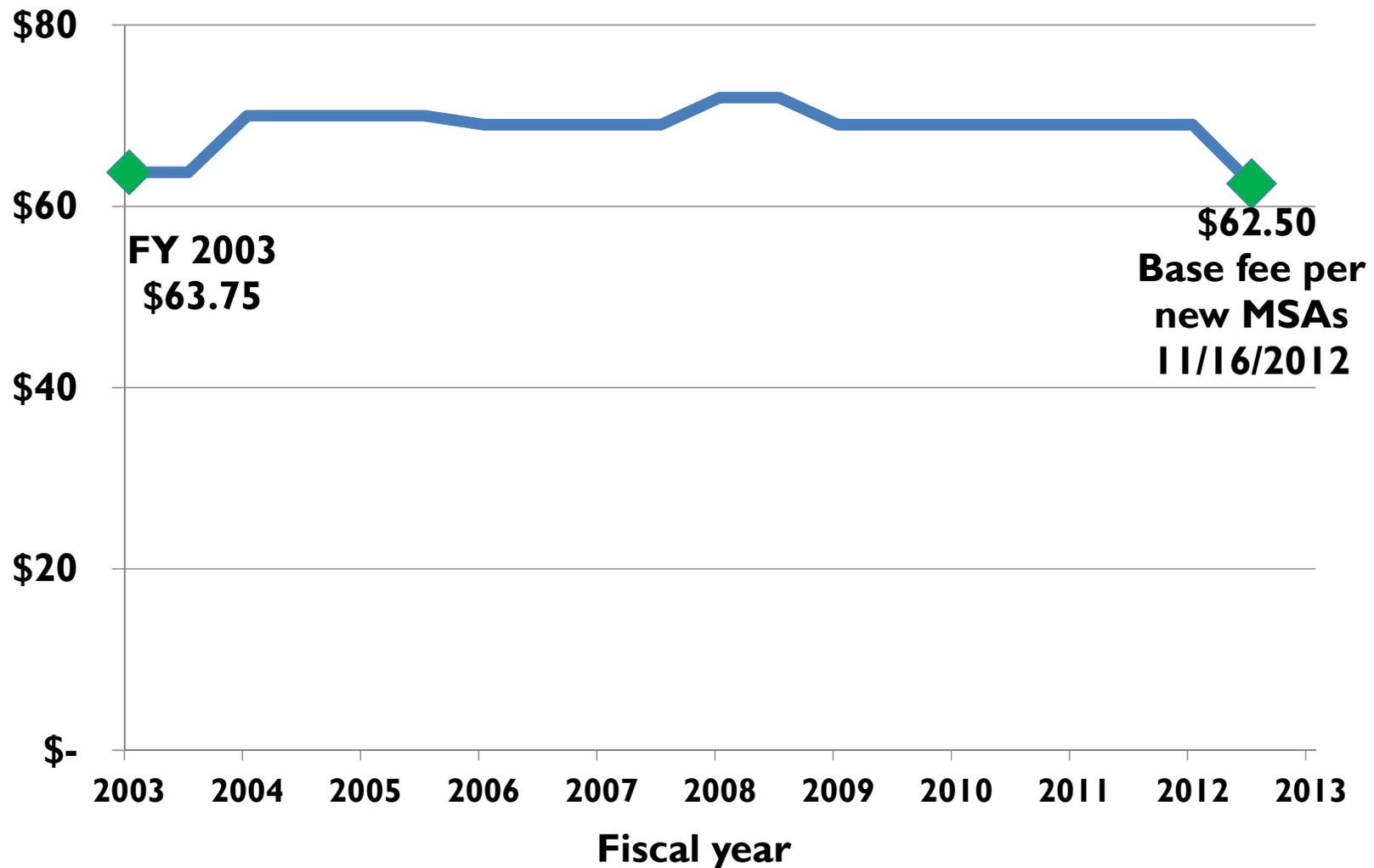
June 1, 2012



# CRRA System Status

## Mid-Connecticut Project

### Mid-Connecticut Disposal Fees



# **SECTION 2**

**CONNECTICUT RESOURCES RECOVERY AUTHORITY**  
**Mid-Connecticut Project**

**August 2012 Monthly Customer MSW and Recyclables Deliveries**

This report provides information on deliveries of materials the Mid-Connecticut Project system for the period ending August 31, 2012.

**Monthly Customer Delivery Report**

Project/Contract	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
<b>Mid-Connecticut MSW</b>									
Member Towns	730,250	726,731	(0%)	126,462	123,735	(2%)	67,908	63,796	(6%)
Contract Spot	37,227	43,374	17%	9,580	7,973	(17%)	4,633	3,947	(15%)
In-State Spot	20,606	40,877	98%	4,396	7,653	74%	2,489	3,850	55%
Out-of-State Spot	0	506	-	0	0	-	0	0	-
<b>MSW TOTAL</b>	<b>788,084</b>	<b>811,488</b>	<b>3%</b>	<b>140,438</b>	<b>139,361</b>	<b>(1%)</b>	<b>75,029</b>	<b>71,594</b>	<b>(5%)</b>
<b>Mid-Connecticut Recyclables</b>									
Member Towns	91,587	91,716	0%	14,606	15,270	5%	7,677	7,892	3%
In-State Spot	0	0	-	0	0	-	0	0	-
Out-of-State Spot	0	0	>100%	0	0	-	0	0	-
<b>RECYC. TOTAL</b>	<b>91,587</b>	<b>91,716</b>	<b>0%</b>	<b>14,606</b>	<b>15,270</b>	<b>5%</b>	<b>7,677</b>	<b>7,892</b>	<b>3%</b>

# MID-CONNECTICUT PROJECT

## August 2012 Monthly Customer MSW Deliveries

### Mid-Connecticut Project Member and Contract Towns MSW

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Avon	10,663.78	11,025.96	3.4%	1,807.31	1,891.47	4.7%	977.13	994.41	1.8%
Beacon Falls	2,887.35	2,463.00	(14.7%)	438.28	446.39	1.9%	219.12	237.10	8.2%
Bethlehem	1,683.48	1,644.08	(2.3%)	283.16	277.12	(2.1%)	150.04	142.67	(4.9%)
Bloomfield	14,843.19	15,702.43	5.8%	2,672.36	2,580.25	(3.4%)	1,485.85	1,330.82	(10.4%)
Bolton	1,994.50	2,026.13	1.6%	347.93	361.27	3.8%	191.85	189.17	(1.4%)
Canaan	502.05	510.00	1.6%	93.44	93.27	(0.2%)	54.10	46.62	(13.8%)
Canton	4,917.94	4,737.26	(3.7%)	816.95	776.97	(4.9%)	428.85	409.27	(4.6%)
Chester	1,268.47	1,495.30	17.9%	221.84	348.67	57.2%	115.02	177.40	54.2%
Clinton	7,376.90	6,731.07	(8.8%)	1,090.09	1,265.87	16.1%	565.69	682.88	20.7%
Colebrook	654.21	650.09	(0.6%)	122.25	125.44	2.6%	70.28	68.82	(2.1%)
Cornwall	432.05	403.02	(6.7%)	77.03	84.47	9.7%	42.98	48.96	13.9%
Coventry	4,168.55	4,578.75	9.8%	783.48	795.84	1.6%	413.40	414.29	0.2%
Cromwell	8,881.80	8,655.96	(2.5%)	1,461.74	1,543.77	5.6%	762.03	799.47	4.9%
Deep River	3,308.08	3,139.84	(5.1%)	593.83	506.90	(14.6%)	319.22	254.47	(20.3%)
Durham/Middlefield	6,261.63	6,017.21	(3.9%)	1,021.96	843.90	(17.4%)	524.61	364.26	(30.6%)
East Granby	3,402.82	3,208.37	(5.7%)	514.33	515.78	0.3%	273.55	250.58	(8.4%)
East Hampton	6,703.37	6,987.65	4.2%	1,215.55	1,189.83	(2.1%)	650.37	604.10	(7.1%)
East Hartford	28,105.50	28,702.22	2.1%	5,143.49	4,788.95	(6.9%)	2,779.12	2,516.30	(9.5%)
East Windsor	4,505.81	4,536.51	0.7%	830.24	797.69	(3.9%)	432.13	416.06	(3.7%)
Ellington	5,157.51	5,452.17	5.7%	962.87	967.17	0.4%	500.96	499.04	(0.4%)
Enfield	26,290.69	25,576.84	(2.7%)	4,406.43	4,248.07	(3.6%)	2,488.83	2,118.85	(14.9%)
Essex	3,113.27	3,472.53	11.5%	580.51	699.15	20.4%	310.50	355.87	14.6%
Farmington	16,878.55	16,822.05	(0.3%)	2,878.96	2,778.44	(3.5%)	1,538.62	1,459.63	(5.1%)
Glastonbury	20,091.64	20,734.70	3.2%	3,548.00	3,477.16	(2.0%)	1,911.65	1,843.73	(3.6%)
Goshen	1,411.68	1,362.62	(3.5%)	255.44	265.61	4.0%	141.50	133.94	(5.3%)
Granby	5,222.03	5,589.80	7.0%	919.87	989.35	7.6%	490.15	496.66	1.3%
Guilford	14,045.42	14,787.73	5.3%	2,445.16	2,410.47	(1.4%)	1,295.36	1,273.13	(1.7%)
Haddam	3,270.60	3,331.60	1.9%	561.25	504.02	(10.2%)	293.42	240.08	(18.2%)
Hartford	94,961.35	91,548.80	(3.6%)	15,992.92	15,218.02	(4.8%)	8,565.38	7,981.80	(6.8%)
Harwinton	2,259.81	2,107.93	(6.7%)	344.98	353.10	2.4%	175.71	182.63	3.9%
Hebron	3,386.04	3,383.20	(0.1%)	585.67	569.89	(2.7%)	340.09	278.49	(18.1%)
Killingworth	2,592.26	2,350.83	(9.3%)	367.51	466.22	26.9%	164.38	246.04	49.7%
Litchfield	5,618.85	5,410.98	(3.7%)	1,031.00	952.41	(7.6%)	566.06	468.44	(17.2%)
Lyme	833.84	820.42	(1.6%)	148.20	147.90	(0.2%)	76.01	75.55	(0.6%)
Madison	8,046.19	8,432.83	4.8%	1,564.18	1,722.79	10.1%	806.74	846.71	5.0%
Manchester	36,531.44	35,900.81	(1.7%)	6,014.53	5,972.05	(0.7%)	3,135.40	3,071.22	(2.0%)

**Mid-Connecticut Project Member & Contract Towns MSW (Continued)**

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Marlborough	2,519.08	2,217.12	(12.0%)	416.32	388.51	(6.7%)	235.13	166.28	(29.3%)
Middlebury	2,551.20	2,825.28	10.7%	483.47	513.12	6.1%	225.93	269.60	19.3%
Naugatuck	15,064.16	15,277.35	1.4%	2,642.40	2,596.41	(1.7%)	1,468.30	1,342.87	(8.5%)
Newington	20,915.86	21,190.65	1.3%	3,727.09	3,637.14	(2.4%)	2,018.85	1,903.51	(5.7%)
Norfolk	792.43	704.13	(11.1%)	136.83	147.76	8.0%	69.24	81.40	17.6%
North Branford	7,768.89	7,490.45	(3.6%)	1,365.81	1,219.65	(10.7%)	726.20	633.63	(12.7%)
North Canaan	2,481.95	2,413.41	(2.8%)	449.75	449.08	(0.1%)	247.01	253.39	2.6%
Old Lyme	3,818.03	3,907.91	2.4%	850.66	843.59	(0.8%)	448.07	418.29	(6.6%)
Old Saybrook	10,099.67	9,931.34	(1.7%)	1,708.00	1,847.81	8.2%	849.36	906.84	6.8%
Oxford	5,414.05	4,511.27	(16.7%)	947.94	587.81	(38.0%)	512.54	316.86	(38.2%)
Portland	3,822.64	3,938.32	3.0%	681.80	686.46	0.7%	348.07	355.50	2.1%
Rocky Hill	10,854.87	11,203.47	3.2%	1,859.25	2,177.18	17.1%	1,044.87	1,147.40	9.8%
Roxbury	792.96	789.42	(0.4%)	140.90	140.29	(0.4%)	73.56	70.04	(4.8%)
RRDD#1	12,550.80	12,534.38	(0.1%)	2,308.20	2,217.71	(3.9%)	1,230.60	1,110.31	(9.8%)
Salisbury/Sharon	3,375.11	3,336.67	(1.1%)	636.74	634.30	(0.4%)	335.94	326.31	(2.9%)
Simsbury	14,881.50	14,926.47	0.3%	2,525.45	2,428.97	(3.8%)	1,318.51	1,283.15	(2.7%)
South Windsor	15,563.10	16,125.18	3.6%	2,731.57	2,749.55	0.7%	1,454.42	1,425.52	(2.0%)
Southbury	10,504.79	9,860.68	(6.1%)	1,804.19	1,564.36	(13.3%)	943.71	786.63	(16.6%)
Suffield	6,598.77	6,852.56	3.8%	1,162.48	1,207.18	3.8%	610.27	637.98	4.5%
Thomaston	4,226.46	3,816.66	(9.7%)	692.30	664.12	(4.1%)	385.77	310.56	(19.5%)
Tolland	6,446.19	6,541.73	1.5%	1,119.28	1,080.20	(3.5%)	595.99	534.63	(10.3%)
Torrington	25,621.23	25,564.94	(0.2%)	4,352.81	4,318.66	(0.8%)	2,393.46	2,245.47	(6.2%)
Vernon	14,445.71	14,633.70	1.3%	2,528.46	2,702.79	6.9%	1,349.30	1,522.02	12.8%
Waterbury	82,149.14	80,872.05	(1.6%)	14,444.68	13,558.80	(6.1%)	7,875.28	6,820.41	(13.4%)
Watertown	13,149.90	11,813.71	(10.2%)	2,216.35	1,914.28	(13.6%)	1,226.59	970.68	(20.9%)
West Hartford	37,625.38	38,638.68	2.7%	6,539.93	6,633.09	1.4%	3,524.02	3,415.11	(3.1%)
Westbrook	3,795.39	4,365.65	15.0%	524.79	994.63	89.5%	273.96	498.25	81.9%
Wethersfield	16,234.07	16,433.90	1.2%	2,949.04	2,552.82	(13.4%)	1,576.22	1,346.66	(14.6%)
Windsor Locks	8,972.91	8,930.66	(0.5%)	1,543.19	1,501.48	(2.7%)	827.51	788.41	(4.7%)
Woodbury	4,941.29	4,782.41	(3.2%)	829.90	801.44	(3.4%)	462.89	389.20	(15.9%)
<b>TOTAL</b>	<b>730,250.18</b>	<b>726,730.84</b>	<b>(0.5%)</b>	<b>126,462.32</b>	<b>123,734.86</b>	<b>(2.2%)</b>	<b>67,907.67</b>	<b>63,796.37</b>	<b>(6.1%)</b>

**Mid-Connecticut Project Contract Spot MSW**

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
New Haven	37,226.97	43,373.52	16.5%	9,580.04	7,972.81	(16.8%)	4,632.64	3,947.45	(14.8%)
<b>TOTAL CONTRACT SPOT</b>	<b>37,226.97</b>	<b>43,373.52</b>	<b>16.5%</b>	<b>9,580.04</b>	<b>7,972.81</b>	<b>(16.8%)</b>	<b>4,632.64</b>	<b>3,947.45</b>	<b>(14.8%)</b>

### Mid-Connecticut Project Out-Of-State Spot MSW

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Massachusetts	0.00	506.12	-	0.00	0.00	-	0.00	0.00	-
New York	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-
<b>TOTAL OUT-OF-STATE SPOT</b>	0.00	506.12	-	0.00	0.00	-	0.00	0.00	-

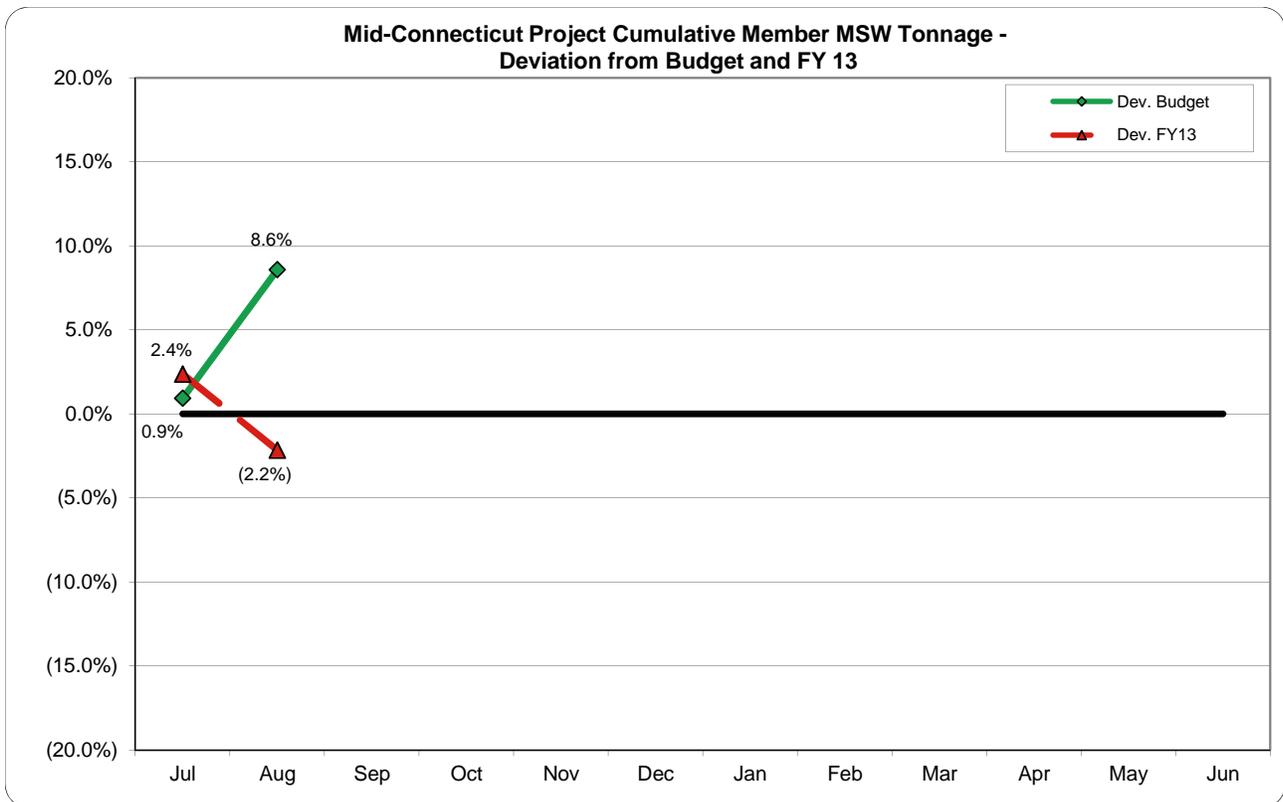
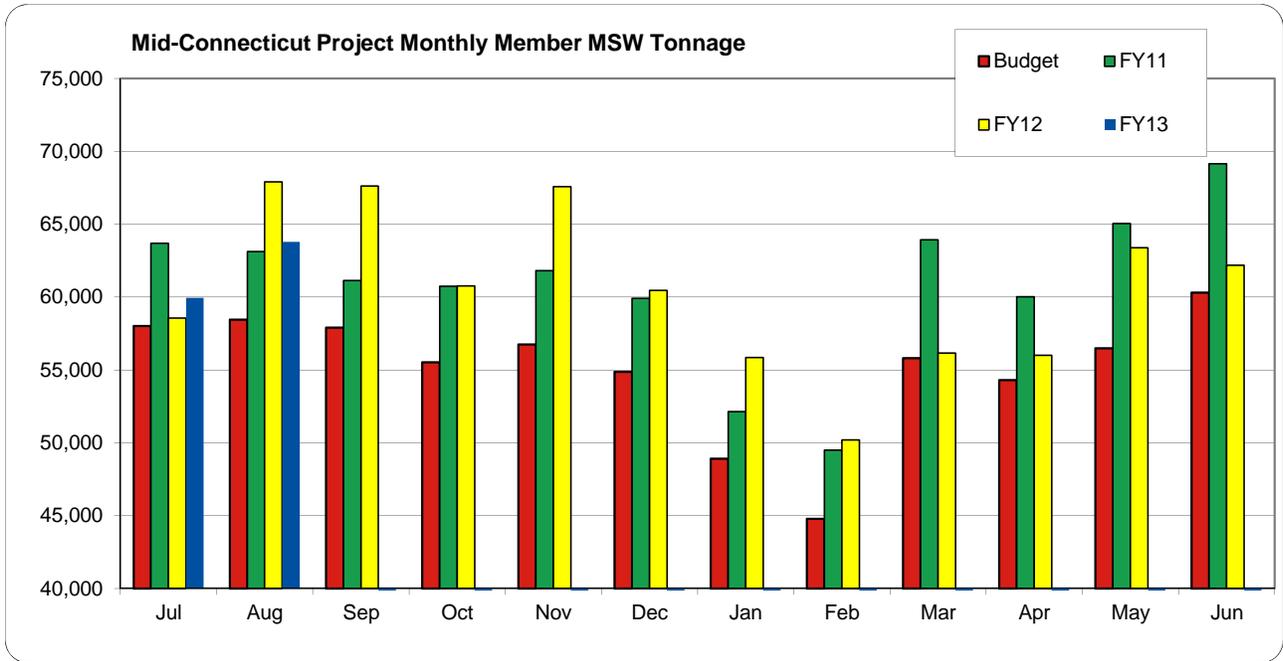
### Mid-Connecticut Project Total MSW Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Member & Contract Towns	730,250.18	726,730.84	(0.5%)	126,462.32	123,734.86	(2.2%)	67,907.67	63,796.37	(6.1%)
Contract Spot	37,226.97	43,373.52	16.5%	9,580.04	7,972.81	(16.8%)	4,632.64	3,947.45	(14.8%)
In-State Spot	20,606.46	40,877.03	98.4%	4,395.80	7,653.04	74.1%	2,488.98	3,850.40	54.7%
Out-of-State Spot	0.00	506.12	-	0.00	0.00	-	0.00	0.00	-
<b>TOTAL TONNAGE</b>	788,083.61	811,487.51	3.0%	140,438.16	139,360.71	(0.8%)	75,029.29	71,594.22	(4.6%)

### Mid-Connecticut Project MSW Diversions And Exports

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
TS Diversions	11,225.17	437.09	(96.1%)	282.20	0.00	(100.0%)	282.20	0.00	(100.0%)
TS Exports	3,421.78	3,055.68	(10.7%)	0.00	0.00	-	0.00	0.00	-
WPF Diversions	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-
WPF Exports	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-
<b>TOTAL TONNAGE</b>	14,646.95	3,492.77	(76.2%)	282.20	0.00	(100.0%)	282.20	0.00	(100.0%)

## Mid-Connecticut Project MSW Trends



# **SECTION 3**

# MID-CONNECTICUT PROJECT

## August 2012 Monthly Customer Recyclables Deliveries

### Mid-Connecticut Project Member and Contract Towns Recyclables

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Avon	2,316.81	2,166.22	(6.5%)	365.87	363.80	(0.6%)	200.66	191.10	(4.8%)
Beacon Falls	320.45	287.24	(10.4%)	52.66	45.69	(13.2%)	22.45	23.29	3.7%
Bethlehem	340.47	374.08	9.9%	58.46	63.87	9.3%	31.62	32.71	3.4%
Bloomfield	1,701.35	1,826.18	7.3%	294.04	306.52	4.2%	155.79	155.61	(0.1%)
Bolton	618.02	600.88	(2.8%)	93.55	98.60	5.4%	49.92	50.13	0.4%
Canton	1,030.88	1,024.63	(0.6%)	160.25	150.60	(6.0%)	79.13	80.78	2.1%
Chester	300.32	334.22	11.3%	48.00	57.86	20.5%	24.86	30.46	22.5%
Clinton	842.23	870.98	3.4%	109.72	189.33	72.6%	58.54	97.67	66.8%
Colebrook	174.41	185.46	6.3%	27.18	33.24	22.3%	13.45	18.24	35.6%
Cornwall	173.04	144.29	(16.6%)	30.58	32.24	5.4%	13.62	18.32	34.5%
Coventry	1,389.42	1,411.29	1.6%	232.12	239.77	3.3%	121.43	123.10	1.4%
Cromwell	984.48	896.88	(8.9%)	148.46	182.72	23.1%	83.36	93.32	11.9%
Deep River	340.75	313.15	(8.1%)	44.69	49.16	10.0%	23.04	31.65	37.4%
East Granby	510.99	508.54	(0.5%)	97.97	92.52	(5.6%)	59.45	44.60	(25.0%)
East Hampton	1,078.12	979.24	(9.2%)	163.77	144.64	(11.7%)	82.41	71.77	(12.9%)
East Hartford	3,326.01	3,407.44	2.4%	568.28	570.36	0.4%	297.10	292.77	(1.5%)
East Windsor	957.18	956.20	(0.1%)	152.31	141.67	(7.0%)	69.92	71.39	2.1%
Ellington	1,439.42	1,425.98	(0.9%)	245.35	264.35	7.7%	136.75	140.45	2.7%
Enfield	3,381.04	3,631.39	7.4%	529.41	661.59	25.0%	284.86	353.09	24.0%
Essex	691.31	747.83	8.2%	125.23	120.32	(3.9%)	65.34	70.30	7.6%
Farmington	2,073.69	2,290.91	10.5%	357.44	373.72	4.6%	183.00	195.81	7.0%
Glastonbury	3,736.95	3,671.00	(1.8%)	583.48	561.88	(3.7%)	292.35	290.01	(0.8%)
Goshen	300.88	309.52	2.9%	53.58	50.99	(4.8%)	32.66	26.84	(17.8%)
Granby	1,593.56	1,535.58	(3.6%)	227.98	228.12	0.1%	105.26	117.06	11.2%
Guilford	1,683.28	1,651.90	(1.9%)	245.95	185.25	(24.7%)	127.51	95.02	(25.5%)
Haddam	511.69	466.01	(8.9%)	72.60	88.84	22.4%	43.08	43.86	1.8%
Hartford	4,741.90	4,867.45	2.6%	806.05	839.06	4.1%	431.04	434.55	0.8%
Harwinton	547.56	615.47	12.4%	84.01	97.94	16.6%	45.38	53.81	18.6%
Hebron	865.01	850.20	(1.7%)	153.97	138.25	(10.2%)	82.36	64.79	(21.3%)
Killingworth	591.04	577.58	(2.3%)	86.61	106.45	22.9%	41.34	49.31	19.3%
Litchfield	695.10	700.84	0.8%	97.67	137.62	40.9%	50.51	73.80	46.1%
Madison	1,297.79	1,371.29	5.7%	246.36	204.33	(17.1%)	124.99	86.91	(30.5%)
Manchester	5,132.90	5,064.15	(1.3%)	850.23	818.32	(3.8%)	451.17	422.88	(6.3%)
Marlborough	533.28	635.10	19.1%	93.89	120.72	28.6%	55.18	51.72	(6.3%)
Middlebury	883.96	848.39	(4.0%)	142.75	146.60	2.7%	77.97	72.39	(7.2%)

### Mid-Connecticut Project Member & Contract Towns Recyclables (Continued)

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Naugatuck	1,662.53	1,828.80	10.0%	285.33	307.66	7.8%	149.09	163.67	9.8%
Newington	2,904.04	2,809.49	(3.3%)	363.34	471.64	29.8%	163.01	239.95	47.2%
Norfolk	176.49	167.34	(5.2%)	25.62	28.23	10.2%	12.86	14.49	12.7%
North Branford	827.82	658.50	(20.5%)	122.03	208.00	70.4%	62.44	150.63	141.2%
North Canaan	240.56	204.82	(14.9%)	37.20	36.50	(1.9%)	19.19	17.50	(8.8%)
Old Saybrook	1,226.92	984.71	(19.7%)	151.50	182.02	20.1%	81.05	84.46	4.2%
Oxford	834.68	728.78	(12.7%)	142.08	109.20	(23.1%)	73.43	53.63	(27.0%)
Portland	636.95	607.74	(4.6%)	102.10	111.65	9.4%	51.68	63.81	23.5%
Rocky Hill	1,435.60	1,541.48	7.4%	215.12	269.57	25.3%	114.50	134.47	17.4%
Roxbury	202.07	208.73	3.3%	30.45	32.27	6.0%	20.74	19.63	(5.4%)
RRDD#1	2,071.33	2,015.88	(2.7%)	329.78	311.64	(5.5%)	170.39	159.71	(6.3%)
Salisbury/Sharon	1,023.82	961.81	(6.1%)	173.98	189.16	8.7%	93.31	93.51	0.2%
Simsbury	2,835.28	2,725.44	(3.9%)	420.79	441.99	5.0%	214.94	232.69	8.3%
South Windsor	2,782.23	2,780.77	(0.1%)	433.75	447.56	3.2%	222.02	235.43	6.0%
Southbury	1,613.18	1,609.44	(0.2%)	274.24	255.15	(7.0%)	142.73	121.47	(14.9%)
Suffield	1,453.06	1,430.90	(1.5%)	217.92	201.27	(7.6%)	108.51	97.69	(10.0%)
Thomaston	510.20	498.31	(2.3%)	89.99	74.47	(17.2%)	48.40	37.57	(22.4%)
Torrington	2,984.48	2,998.14	0.5%	494.37	507.88	2.7%	268.85	259.76	(3.4%)
Vernon	2,514.21	2,569.62	2.2%	411.44	429.07	4.3%	221.99	223.19	0.5%
Waterbury	2,952.00	2,890.66	(2.1%)	446.11	460.48	3.2%	241.09	234.31	(2.8%)
Watertown	1,278.80	1,651.95	29.2%	226.49	278.97	23.2%	133.31	144.30	8.2%
West Hartford	7,234.36	7,195.37	(0.5%)	1,124.28	1,152.05	2.5%	596.84	597.20	0.1%
Westbrook	354.06	373.42	5.5%	50.57	79.81	57.8%	22.50	38.38	70.6%
Wethersfield	2,811.35	2,819.27	0.3%	448.88	451.68	0.6%	235.52	235.63	0.05%
Windsor Locks	1,096.02	1,095.12	(0.1%)	193.20	202.41	4.8%	110.13	106.17	(3.6%)
Woodbury	819.33	811.52	(1.0%)	145.40	122.90	(15.5%)	80.63	63.58	(21.1%)
<b>TOTAL MEMBER &amp; CONTRACT TOWN</b>	<b>91,586.65</b>	<b>91,715.52</b>	<b>0.1%</b>	<b>14,606.43</b>	<b>15,270.17</b>	<b>4.54%</b>	<b>7,676.65</b>	<b>7,892.34</b>	<b>2.8%</b>

### Mid-Connecticut Project In-State Spot Recyclables

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
New Haven	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-
<b>TOTAL IN-STATE SPOT</b>	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-

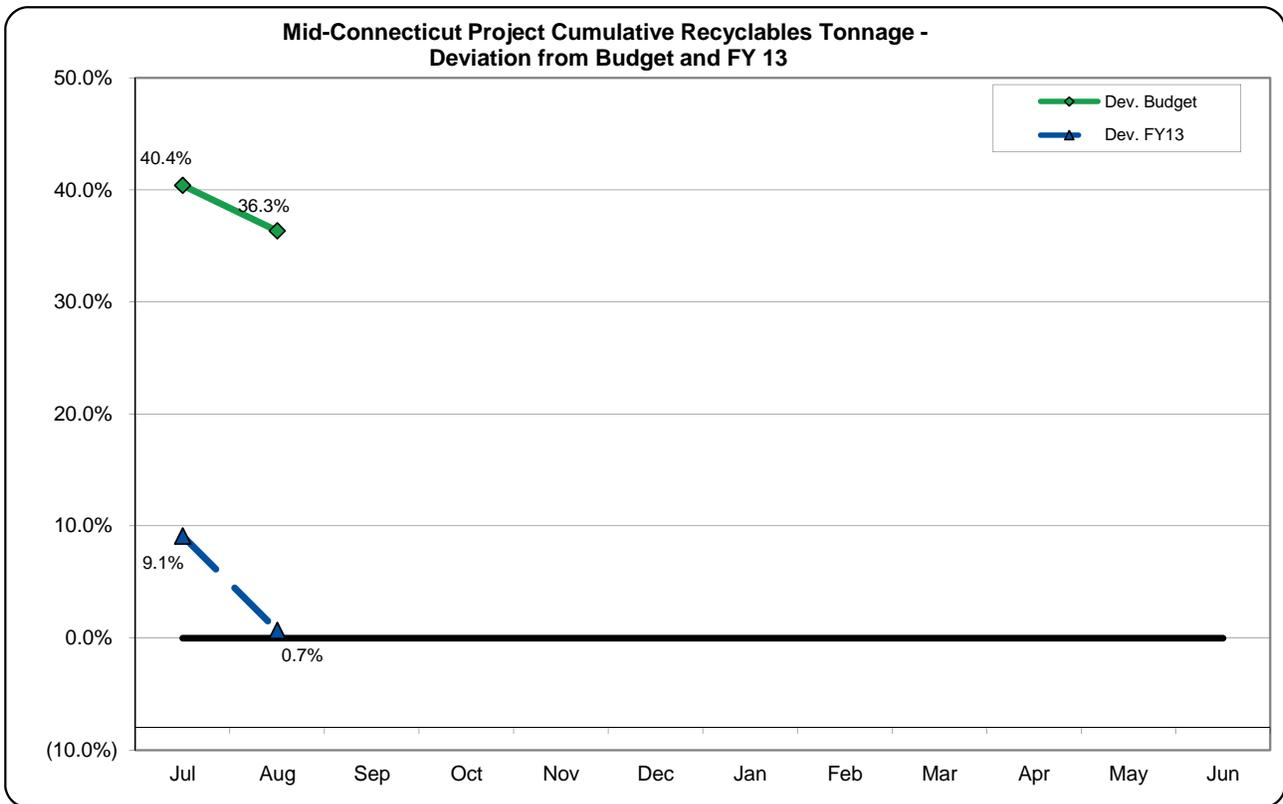
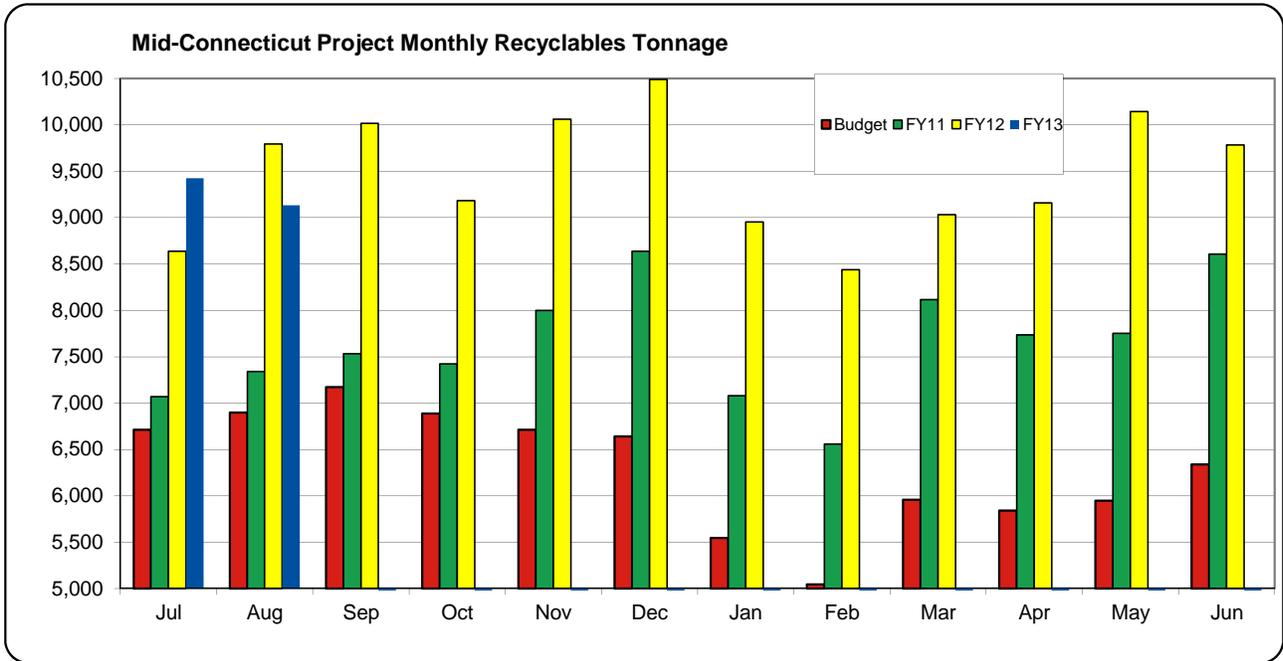
### Mid-Connecticut Project Out-Of-State Spot Recyclables

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Massachusetts	0.00	0.00	>100%	0.00	0.00	-	0.00	0.00	-
<b>TOTAL OUT-OF-STATE SPOT</b>	0.00	0.00	>100%	0.00	0.00	-	0.00	0.00	-

### Mid-Connecticut Project Total Recyclables Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Growth	2012	2013	Growth	Aug 11	Aug 12	Growth
Member & Contract Towns	91,586.65	91,715.52	0.1%	14,606.43	15,270.17	4.5%	7,676.65	7,892.34	2.8%
In-State Spot	0.00	0.00	-	0.00	0.00	-	0.00	0.00	-
Out-of-State Spot	0.00	0.00	>100%	0.00	0.00	-	0.00	0.00	-
<b>TOTAL TONNAGE</b>	91,586.65	91,715.52	0.1%	14,606.43	15,270.17	4.5%	7,676.65	7,892.34	2.8%

## Mid-Connecticut Project Recyclables Trends





# **SECTION 4**

**CONNECTICUT RESOURCES RECOVERY AUTHORITY**  
**Mid-Connecticut Project**

**August 2012 Monthly Operational Summary**

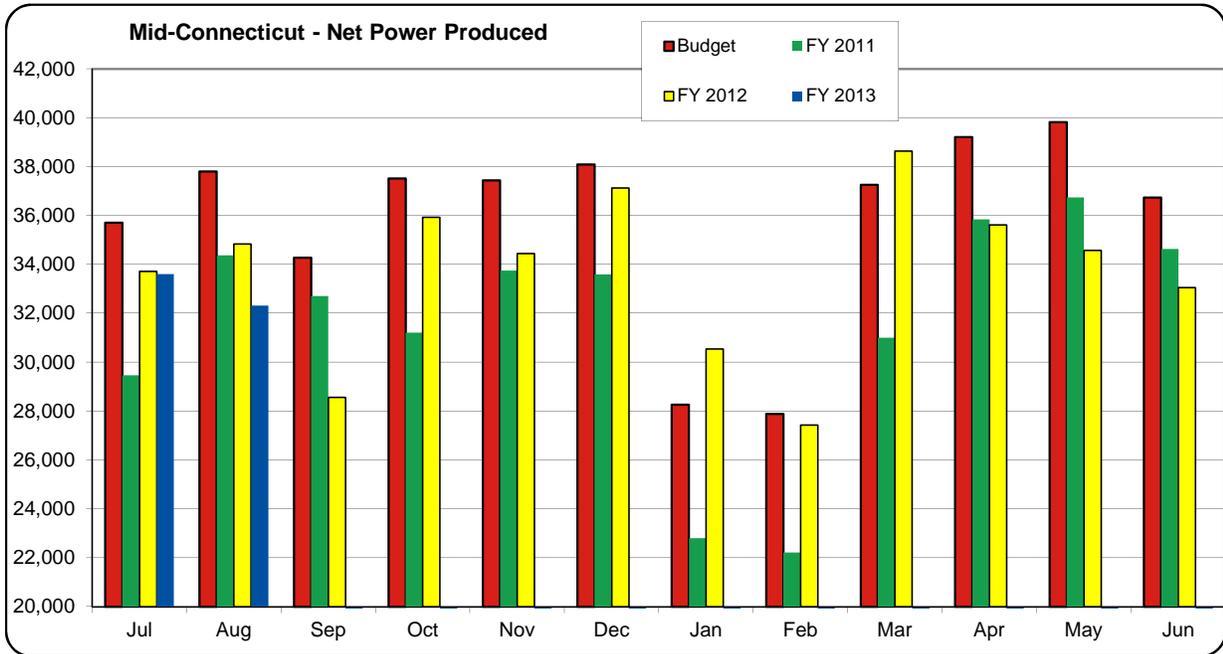
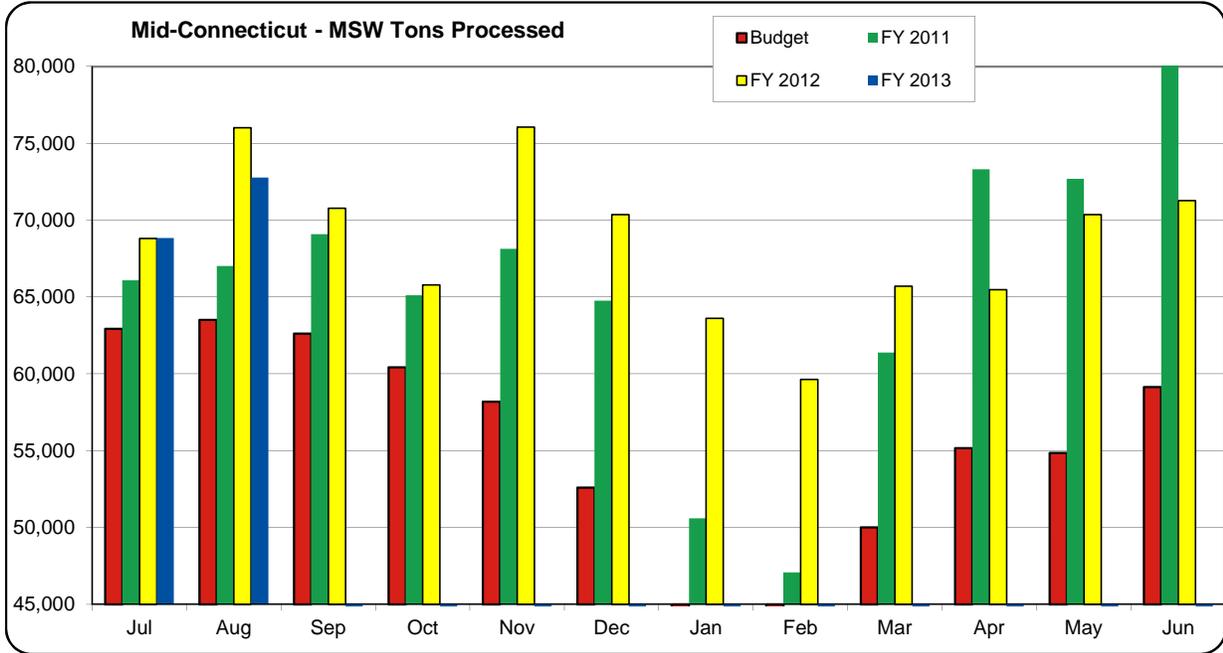
This report provides information on the operations of the Mid-Connecticut Project waste-to energy system for the period ending August 31, 2012.

Project/ Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Change	2012	2013	Change	Jul 11	Jul 12	Change
<b>Mid-Connecticut</b>									
Tons MSW Processed	786,138	823,971	4.8%	144,842	141,627	(2.2%)	68,817	68,843	0.0%
Steam (klbs)	4,733,843	4,888,455	3.3%	863,934	825,262	(4.5%)	423,788	418,736	(1.2%)
(% MCR)	78.0%	80.3%		14.2%	80.0%		82.2%	81.2%	
Power Net MWhr)	378,372	404,466	6.9%	68,550	65,922	(3.8%)	33,714	33,606	(0.3%)
<b>South Meadows Jets</b>									
Net MWH	1,734.40	1,981.63	14.3%	516.35	549.68	6.5%	516.35	0.00	(100.0%)

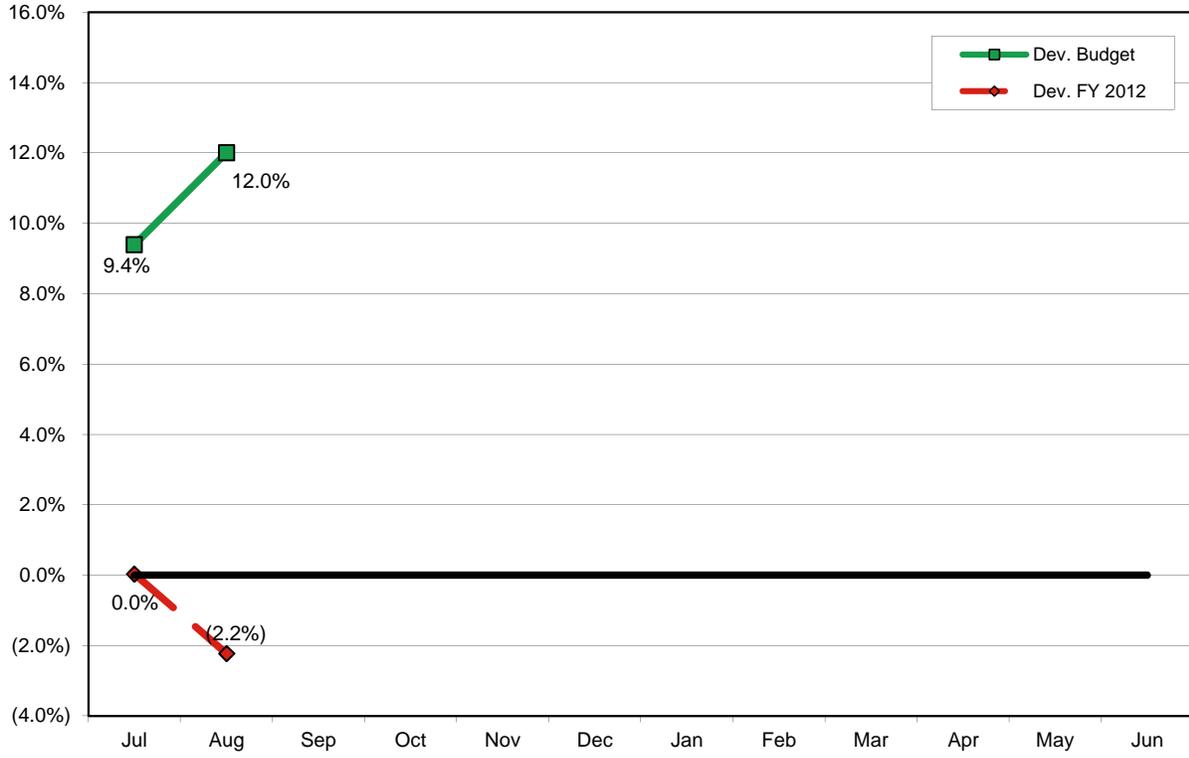
## MID-CONNECTICUT PROJECT

### August 2012 Monthly Operational Summary

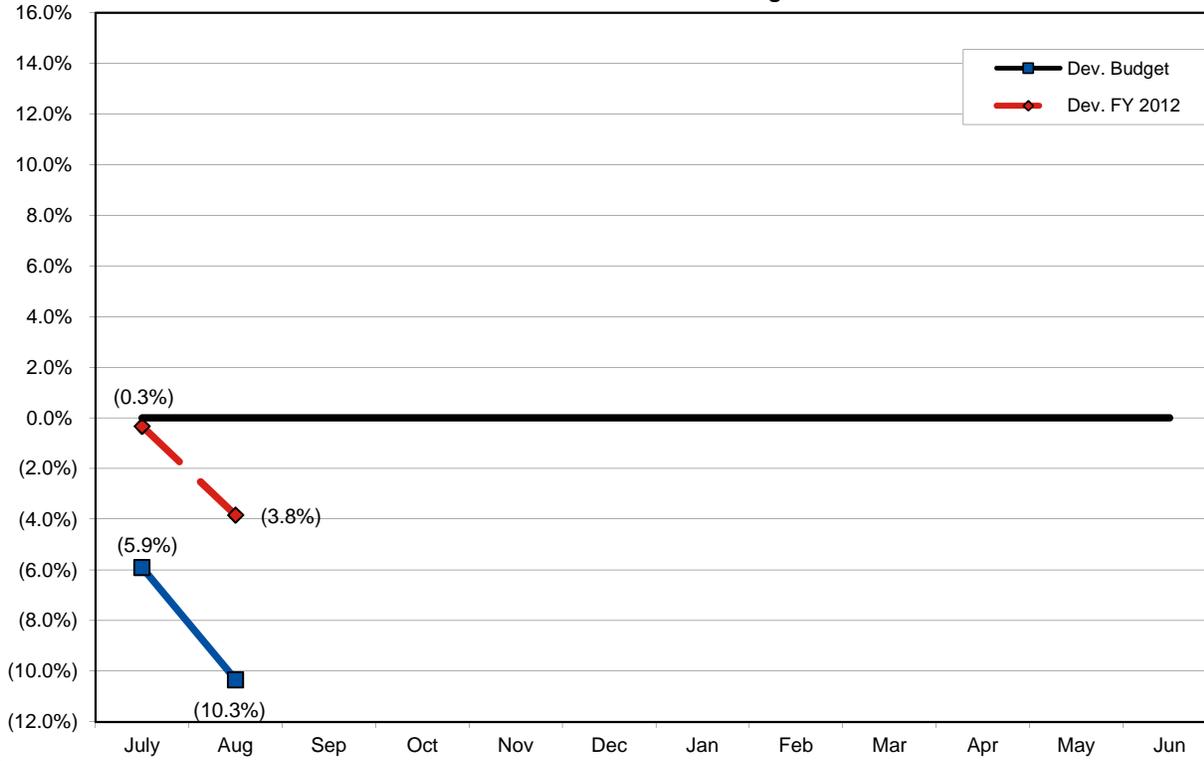
Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2011	2012	Change	2012	2013	Change	Jul 11	Jul 12	Change
Tons MSW Processed	786,138	823,971	4.8%	144,842	141,627	(2.2%)	68,817	68,843	0.0%
Steam (klbs)	4,733,843	4,888,455	3.3%	863,934	825,262	(4.5%)	423,788	418,736	(1.2%)
(% MCR)	78.0%	80.3%		14.2%	80.0%		82.2%	81.2%	
Power Net MWhr)	378,372	404,466	6.9%	68,550	65,922	(3.8%)	33,714	33,606	(0.3%)



Mid-Connecticut - Tons Processed - Deviation from Budget and Last Year



Mid-Connecticut - Power Sold - Deviation from Budget and Last Year



## Unit Capacity Factors

Month	Boiler 11	Boiler 12	Boiler 13
Dec 11	87%	89%	82%
Jan 12	81%	87%	49%
Feb 12	59%	60%	88%
Mar 12	56%	81%	85%
Apr 12	96%	76%	88%
May 12	75%	88%	93%
Jun 12	86%	88%	85%
Jul 12	96%	78%	70%
Aug 12	83%	77%	77%

## Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
06/04/12	06/04/12	11	6.20	Non-return valve close, boiler trip.
07/05/12	07/05/12	11	0.17	explosion in furnace
07/22/12	07/22/12	11	1.90	Conveyer 505 down, 511 low speed only.
07/27/12	07/27/12	11	0.20	fw xmitt trouble
07/04/12	07/04/12	12	16.69	auger failure
07/06/12	07/07/12	12	30.41	tube leak
07/11/12	07/11/12	13	14.15	SSC drive motor failure
07/12/12	07/14/12	13	36.03	tube leak
07/24/12	07/25/12	13	46.33	tube leak
07/27/12	07/27/12	13	10.83	FD fan motor replacement
07/29/12	07/31/12	13	37.46	tube leak
08/10/12	08/11/12	11	41.61	condenser clean on Turbines 5&6
08/04/12	08/04/12	12	1.47	RDF plug
08/05/12	08/09/12	12	102.83	grate chain failure
08/17/12	08/19/12	12	39.39	tube leak
08/15/12	08/16/12	13	33.83	grate chain failure
08/22/12	08/24/12	13	46.15	tube leak

## Scheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Work Performed
06/18/12	06/20/12	11	63.77	Cleaning outage.
06/03/12	06/07/12	13	83.34	Cleaning outage.
07/09/12	07/12/12	12	76.92	Cleaning outage.

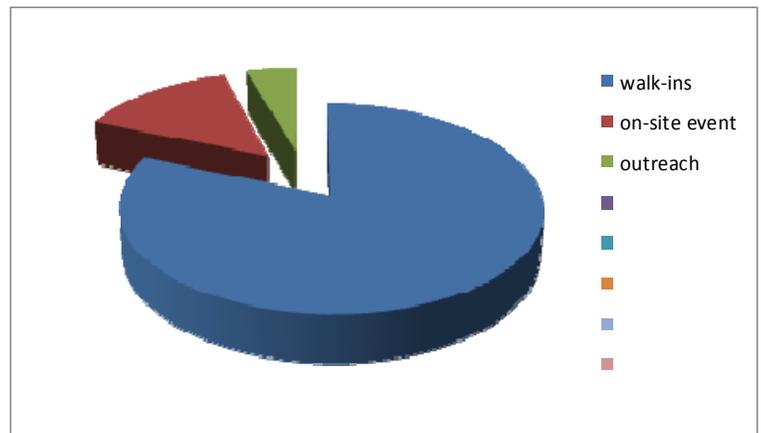


# **SECTION 5**



## Trash Museum Report August 2012

<b>Walk-in visitors</b>	<b>1,516</b>
<b>On-site event participants</b>	<b>260</b>
<b>Outreach participants</b>	<b>81</b>



<b>August 2012 Totals</b>	<b>1,857</b>
<b>August 2011 Totals</b>	<b>902</b>
<b>Monthly Increase</b>	<b>+955</b>
<b>YTD Increase</b>	<b>+ 1,360</b>
<b>YTD Total</b>	<b>17,637</b>

### Special Events and Ongoing Staff Activities

- Museum collected \$8,749.10 during the month of August for admission/scout and non-project group fees instituted beginning January 2011.
- Instituted \$4 admission and scout fee effective July 1, 2012
- Instituting group program fee effective September 1, 2012:
  - Member towns \$50 per group up to 30 participants
  - Non-member towns \$100 per group up to 30 participants
- Energy-conservation exhibits to have official opening Wednesday, Oct. 3, 10 a.m.-noon
  - Includes Recycle-o-meter, Recycle-o-matic and new Museum exhibits and curricula
  - All fully funded by Energy Efficiency Fund (no cost to CRRA)
- Equipment for live streaming video of the Hartford recycling center's processing technologies was scheduled to be installed Sept. 16
  - Technology will be used for outreach programs and pre- and post-field trip lessons
  - Feed will attract sponsorship and partnership opportunities
- SM attended Hartford Environmental Summit steering and planning committee meetings Aug. 7, 21, 30
- October 25—Museum to participate in Hartford Environmental Summit event scheduled from 5 to 8 p.m. at Hartford High School; SM on event steering committee
- October 27—Museum will offer Saturday Family Fun Day event

# TRASH MUSEUM 2012

Month		August			TOTAL			
Town / City / State / Country	Outreach participants	Walk-ins / events	Total	Number of groups	Visitors in groups	Outreach participants	Walk-ins / events	Total
Avon		5	5	8	154	0	38	192
Barkhamsted			0	0	0	0	0	0
Beacon Falls			0	0	0	0	0	0
Bethlehem			0	1	17	6	0	23
Bloomfield		2	2	1	18	0	18	36
Bolton		6	6	3	64	0	8	72
Canaan			0	0	0	0	0	0
Canton		4	4	8	179	0	15	194
Chester			0	2	61	0	12	73
Clinton		3	3	0	0	0	3	3
Colebrook			0	0	0	0	6	6
Cornwall			0	3	72	0	1	73
Coventry			0	0	0	0	50	50
Cromwell		40	40	3	45	0	75	120
Deep River			0	2	55	0	0	55
Durham			0	0	0	0	1	1
East Granby			0	4	83	0	4	87
East Hampton		9	9	0	0	0	38	38
East Hartford		5	5	8	196	0	153	349
East Windsor			0	0	0	0	25	25
Ellington		26	26	0	0	0	43	43
Enfield		47	47	7	102	0	179	281
Essex			0	0	0	0	9	9
Farmington		11	11	6	131	0	46	177
Glastonbury	32	136	168	21	510	32	225	767
Goshen			0	0	0	0	1	1
Granby			0	3	78	0	6	84
Guilford		4	4	0	0	0	11	11
Haddam		3	3	5	110	0	38	148
Hartford		39	39	83	1910	25	137	2072
Harwinton		2	2	0	0	0	23	23
Hebron			0	10	238	51	13	302
Killingworth		3	3	6	126	0	7	133
Litchfield		25	25	0	0	0	29	29
Lyme			0	0	0	0	0	0
Madison			0	0	0	270	19	289
Manchester		9	9	12	307	0	91	398
Marlborough			0	7	142	0	43	185
Middlebury			0	7	146	10	0	156
Middlefield			0	0	0	0	5	5
Naugatuck		2	2	4	81	5	26	112
New Hartford		22	22	4	97	0	32	129
Newington		167	167	8	189	0	362	551
North Branford			0	0	0	0	3	3
North Canaan			0	0	0	0	0	0
Old Lyme			0	0	0	120	0	120
Old Saybrook		4	4	1	15	0	18	33
Oxford			0	0	0	0	5	5
Portland			0	0	0	0	2	2
Rocky Hill	58	57	115	1	15	58	130	203
Roxbury			0	0	0	0	0	0
Salisbury			0	1	10	0	0	10
Sharon			0	0	0	0	0	0
Simsbury		8	8	4	68	0	15	83
South Windsor		20	20	12	276	0	142	418
Southbury		2	2	1	30	10	10	50
Suffield		5	5	9	183	0	58	241
Thomaston			0	0	0	0	1	1
Tolland		48	48	4	86	0	107	193
Torrington			0	1	13	0	38	51
Vernon		15	15	19	456	0	74	530
Waterbury		3	3	8	181	65	6	252
Watertown		3	3	0	0	17	12	29
West Hartford		93	93	35	805	110	327	1242
Westbrook			0	3	68	0	10	78
Wethersfield		6	6	10	194	0	50	244
Winchester		8	8	1	28	0	9	37
Windsor Locks			0	0	0	0	30	30
Woodbury		6	6	0	0	175	6	181
<b>Totals</b>	<b>260</b>	<b>1597</b>	<b>1857</b>	<b>491</b>	<b>11010</b>	<b>1937</b>	<b>4690</b>	<b>17637</b>



# **SECTION 6**

# Financial And Variance Report

*Year-to-Date June 2012*  
*(UNAUDITED)*

## MID-CONNECTICUT PROJECT – VARIANCE ANALYSIS

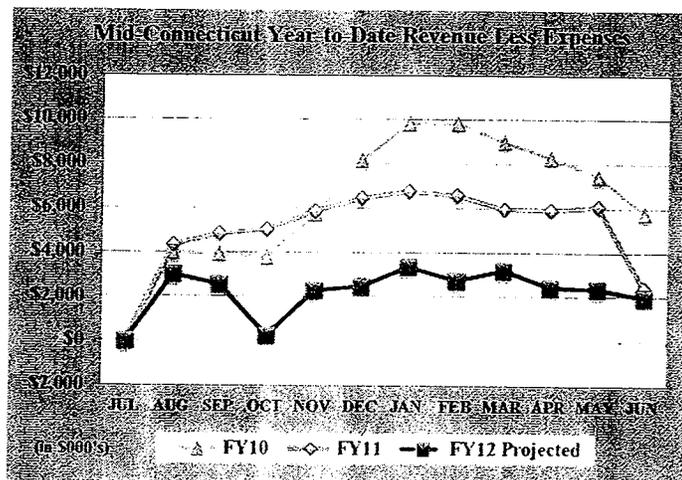
June 2012 (UNAUDITED)

### REVENUES:

- Service Charges Solid Waste–Members: unfavorable due to lower than expected member deliveries. In March and April, member deliveries were down by approximately 8k tons or 12% and 7k tons or 7%, respectively compared to previous year. Similarly, member deliveries in June were down by 7k tons or 10% compared to previous year.
- Service Charges Solid Waste–Spot: favorable due to higher than budgeted non-member deliveries.
- Municipal Bulky Waste & Mattresses/Box Spring: unfavorable due to lower than expected deliveries.
- Metal & Recycling Sales: higher than budgeted due to favorable market conditions.
- Electricity: unfavorable due to lower than budgeted electricity sold related to unanticipated outage in September and extended major boiler outages in February. Electricity is also unfavorable due to lower electricity rate for the remainder of the first 250,000,000 kwh sold based on new contract.
- Interest Income: unfavorable due to lower than budgeted interest rate. The budget assumed a 1% interest rate, but the average interest rate for the past months was below 0.5%.
- Jets: unfavorable primarily due to lower than budgeted revenue in June as a result of the new contract.

### EXPENDITURES:

- Administrative Expenses: favorable due to lower than expected indirect labor, benefits, and overhead costs.
- Operational Expenses: unfavorable primarily due to higher than budgeted legal costs, partially offset by lower than expected communications services, insurance expenditures, and direct labor, benefits and overhead allocation.
- Taxes, Municipal Subsidies, and Payment in Lieu of Taxes (PILOT): unfavorable due to higher than budgeted solid waste assessment and WPF PILOT.
- Waste Transport: unfavorable primarily due to higher than budgeted disposal costs for non-processible wastes related higher than budgeted disposal costs due to fuel prices and for an increase in processed residue as a result of higher than budgeted tonnage deliveries, partially offset by lower than budgeted ash disposal costs.
- Regional Recycling: favorable due to lower than expected building operating costs, communications services, and municipal events.
- Waste Processing Facility (WPF): favorable primarily due to lower than expected NAES contract operating costs.
- Power Block Facility (PBF): unfavorable due to higher than budgeted cost of lime and contract O&M costs.
- Hartford Landfill: favorable primarily due to lower than budgeted other operating costs.
- Jets/EGF: unfavorable primarily due to higher than expected Jets O&M costs.



## MID-CONNECTICUT PROJECT - FINANCIAL RESULTS

For the Period Ending June 30, 2012 (UNAUDITED)

	YTD Budget	YTD Actual	YTD Variance
<b>REVENUES</b>			
Service Charges Solid Waste - Members & Contracts	\$ 50,667,000	\$ 50,020,503	\$ (646,497)
Service Charges Solid Waste - Other Contracts	\$ 2,190,000	\$ 2,162,174	\$ (27,826)
Service Charges Solid Waste - Spot	\$ 1,384,000	\$ 2,623,321	\$ 1,239,321
DEP Certified Materials	\$ 150,000	\$ 200,924	\$ 50,924
Metal Sales	\$ 960,000	\$ 2,241,605	\$ 1,281,605
Municipal Bulky Waste & Mattresses/Box Spring	\$ 785,000	\$ 363,550	\$ (421,450)
Recycling Sales	\$ 1,985,000	\$ 3,480,260	\$ 1,495,260
Electricity	\$ 23,852,000	\$ 22,309,601	\$ (1,542,399)
Miscellaneous Income	\$ 187,000	\$ 278,905	\$ 91,905
Interest Income	\$ 270,000	\$ 96,783	\$ (173,217)
Use of Prior Year Surplus (a)	\$ 5,779,000	\$ 5,778,946	\$ (54)
Use of Board Designated Reserves	\$ 10,120,000	\$ 10,120,000	\$ -
Jets	\$ 6,175,000	\$ 5,907,296	\$ (267,704)
Use of Debt Service Reserve Fund (DSRF)	\$ 2,723,000	\$ 2,723,000	\$ -
<b>TOTAL REVENUES</b>	<b>\$ 107,227,000</b>	<b>\$ 108,306,867</b>	<b>\$ 1,079,867</b>
<b>EXPENDITURES</b>			
Administrative Expenses	\$ 4,330,000	\$ 3,518,255	\$ 811,745
Operational Expenses	\$ 14,004,000	\$ 14,029,863	\$ (25,863)
Taxes, Municipal Subsidies, and Pilots	\$ 6,673,000	\$ 6,897,772	\$ (224,772)
Debt Service/Administration	\$ 4,423,000	\$ 4,363,670	\$ 59,330
Project Transition Costs	\$ 3,670,000	\$ 3,670,002	\$ (2)
Waste Transport	\$ 24,071,000	\$ 24,207,677	\$ (136,677)
Regional Recycling	\$ 1,839,000	\$ 1,368,397	\$ 470,603
Waste Processing Facility	\$ 16,729,000	\$ 16,039,216	\$ 689,784
Power Block Facility	\$ 18,276,000	\$ 19,028,007	\$ (752,007)
Landfill - Hartford	\$ 1,248,000	\$ 1,129,416	\$ 118,584
Landfill - Ellington	\$ 231,000	\$ 172,512	\$ 58,488
Transfer Station - Ellington	\$ 419,000	\$ 407,128	\$ 11,872
Transfer Station - Essex	\$ 692,000	\$ 688,184	\$ 3,816
Transfer Station - Torrington	\$ 605,000	\$ 597,940	\$ 7,060
Transfer Station - Watertown	\$ 526,000	\$ 509,960	\$ 16,040
171 Murphy Road	\$ 50,000	\$ 18,921	\$ 31,079
Jets/EGF Expenditures	\$ 9,441,000	\$ 9,700,467	\$ (259,467)
<b>TOTAL EXPENDITURES</b>	<b>\$ 107,227,000</b>	<b>\$ 106,347,387</b>	<b>\$ 879,613</b>
<b>SURPLUS/(DEFICIT)</b>	<b>\$ -</b>	<b>\$ 1,959,480</b>	<b>\$ 1,959,480</b>
<b>OPERATING STATISTICS</b>			
Member/Contract Tons	734,000	720,761	(13,239)
Project Other Contract MSW Tons	40,000	43,374	3,374
Project Spot MSW Tons	26,000	45,160	19,160
Recycling & Ferrous Residue	13,000	18,660	5,660
<b>Total Project MSW Tons Delivered</b>	<b>813,000</b>	<b>827,954</b>	<b>14,954</b>
Diverted / Exported MSW Tons	8,000	3,493	(4,507)
Processed Tons	799,000	823,972	24,972
Non-Processible Waste Tons (Outbound from Facility)	12,000	9,727	(2,273)
Ash Tons	161,000	153,305	(7,695)
Ash Percent	20%	19%	-2%
Process Residue Tons	105,000	109,500	4,500
Project Recyclables	84,000	91,716	7,716
Kwh Sold	402,000,000	400,784,463	(1,215,537)
Average Rate Per kwh <=250GW	\$ 0.0718	\$ 0.0692	\$ (0.0026)
Average Rate Per kwh >=250GW	\$ 0.0330	\$ 0.0330	
Average Rate Per kwh (June 2012)	\$ 0.0580	\$ 0.0557	

(a) As required by contract