



**Mid-Connecticut Project Municipal Advisory Committee  
Regular Meeting  
May 26, 2010, 8:30 a.m.  
CRRA Trash Museum, 211 Murphy Road, Hartford  
Agenda**

1. Call to order – Chairman Ryan Bingham
2. Pledge of Allegiance
3. Roll call
4. Approval of minutes of March 3, 2010, meeting (See Section 1 of agenda package)
5. Legislative update
  - a. Discussion and possible action on letter to Governor Rell regarding bond funds for closure of Hartford landfill (Draft resolution in Section 2 of agenda package)
6. Update on Activities of Mid-Connecticut Project Special Committee
7. Mid-Connecticut Project update – CRRA management
  - a. Update on expansion of plastics recycling
  - b. Operational performance
    - i. MSW deliveries and trends (See Section 3 of agenda package)
    - ii. Recyclables deliveries and trends (See Section 4 of agenda package)
    - iii. Plant operational summaries (See Section 5 of agenda package)
    - iv. Trash Museum report (See Section 6 of agenda package)
  - c. Financial and variance report (See Section 7 of agenda package)
  - d. Legal update
    - i. MDC-related issues
    - ii. ONE / CHANE litigation
  - e. President's report
8. Comments and questions from Municipal Advisory Committee members
9. Public comment

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

Next meeting date:

- Wednesday, August 25, 2010

# **SECTION 1**

## **MID-CONNECTICUT PROJECT MUNICIPAL ADVISORY COUNCIL**

The Mid-Connecticut Project Municipal Advisory Council (MAC) held its third meeting on Wednesday, March 3, 2010, at the Trash Museum in Hartford, Connecticut.

### **PARTICIPATING MUNICIPALITIES AND THEIR REPRESENTATIVES:**

<b>Town</b>	<b>First Name</b>	<b>Last Name</b>	<b>Title/Proxy</b>
Avon	Richard	Barlow	Proxy for Town Manager Brandon Robertson
Barkhamsted	Donald	Stein	First Selectman
Bloomfield	Donald	Harris	Deputy Mayor
Canton	Richard	Barlow	First Selectman
East Granby	James	Hayden	First Selectman
East Hartford	Melody	Currey	Mayor
Farmington	Richard	Barlow	Proxy for Town Manager Kathleen Eagen
Glastonbury	Michael	Bisi	Proxy for Town Manager Richard Johnson
Goshen	Donald	Stein	Proxy for First Selectman Robert Valentine
Granby	John	Adams	First Selectman
Harwinton	Frank	Chiaramonte	First Selectman
Litchfield	Donald	Stein	Proxy for First Selectman Leo Paul
Naugatuck	Sheila	Baummer	Proxy for Mayor Robert Mezzo
Newington	John	Salomone	Town Manager
Norfolk	Donald	Stein	Proxy for First Selectman Susan Dyer
Old Lyme	Timothy	Griswold	First Selectman
Old Saybrook	Timothy	Griswold	Proxy for First Selectman Michael Pace
Simsbury	Thomas	Roy	Proxy for First Selectman Mary Glassman
Torrington	Ryan	Bingham	Mayor, CHAIRMAN
Waterbury	Timothy	Griswold	Proxy for Mayor Michael Jarjura
West Hartford	John	Phillips	Proxy for Town Manager Ronald Van Winkle
Wethersfield	Jeff	Bridges	Town Manager
Windsor Locks	Steven	Wawruck	First Selectman, VICE CHAIRMAN

#### **CRRA MANAGEMENT ATTENDEES:**

Thomas D. Kirk, President  
James P. Bolduc, Chief Financial Officer  
Mary Anne Bergenty, Field Manager  
Marianne Carcio, Executive Assistant  
Jeffrey Duvall, Manager of Budgets and Forecasting  
Peter W. Egan, Director of Environmental Affairs & Development /  
Acting Director of Operations  
Thomas P. Gaffey, Director of Recycling & Enforcement  
Paul Nonnenmacher, Director of Public Affairs  
Rich Quelle, Senior Engineer  
Virginia Raymond, Senior Operations Analyst  
**CRRA BOARD MEMBERS:**  
Raymond J. O'Brien

#### **1. CALL TO ORDER**

Municipal Advisory Committee Chairman Ryan Bingham called the meeting to order at 8:45 a.m.

#### **2. PLEDGE OF ALLEGIANCE**

All in attendance rose and recited the Pledge of Allegiance.

## 2. a. ROLL CALL

Upon request of **Chairman Bingham**, Mr. Nonnenmacher called the roll and reported that, including proxies, 21 votes were represented at the meeting, meaning a quorum was in attendance.

## 3. PUBLIC COMMENT

**Chairman Bingham** requested comments from the public in attendance. None requested to speak.

## 4. APPROVAL OF MINUTES OF NOVEMBER 18, 2009

**Mr. Stein** moved to approve the minutes. **Mr. Adams** seconded the motion, which passed unanimously.

## 5. UPDATE ON ACTIVITIES OF MID-CONNECTICUT PROJECT SPECIAL COMMITTEE

**President Kirk** announced that updates will be provided on the bio-energy initiative with Summit BioFuels which has a potential savings of \$1-2 per MSW ton.

**Ms. Raymond** discussed CRRA's investigation into a new technology for waste disposal proposed by Summit BioFuels. She said discussion with Summit BioFuels began in August and continues, but progress is slow and management needs a commitment which contains the correct balance of reward to risk for CRRA to continue this project. She explained there are two options being explored: an on-campus option where Summit BioFuels leases property from CRRA adjacent to the Mid-Connecticut Project facility, and the siting a facility elsewhere near the South Meadows property. A video about the new process is on CRRA's Web site at [http://www.crra.org/pages/mid-comm\\_special\\_committee.htm](http://www.crra.org/pages/mid-comm_special_committee.htm).

**President Kirk** said during the pre-Enron and Enron days very little capital investment was made in the plant. He said CRRA has since made substantial capital investments to ensure acceptable levels of reliability, availability, and capacity utilization for proper disposal now and the future should towns renew with CRRA.

**Mr. Quelle** discussed the capital projects CRRA has undertaken to enhance the efficiency and reduce the costs of maintenance of the trash-to-energy plant, those projects totaling about \$12 million: about \$1.4 million for processing equipment, steel pan conveyor upgrades, building, floor and roof repairs and a new wheel loader at the Waste Processing Facility;

- about \$900,000 for drainage improvement and process improvements to increase availability and capacity in the boilers at the Power Block Facility;
- about \$3.3 million at the Energy Generating Facility for turbines, which have gone seven years without an overhaul;
- about \$1.5 million to replace the jet fuel tanks and to rebuild a jet engine and two power turbines;
- about \$5.4 million for landfill closure costs; and
- about \$260,000 for a new scale and repairs to the roof and floor at the recycling facility.

A PowerPoint presentation illustrating these projects is on CRRA's Web site at [http://www.crra.org/documents/public\\_records/Mid-Conn\\_Special\\_Committee/Presentation\\_on\\_plant\\_condition\\_1-27-2010.pdf](http://www.crra.org/documents/public_records/Mid-Conn_Special_Committee/Presentation_on_plant_condition_1-27-2010.pdf).

**President Kirk** said the unit capacity factors this fiscal year are below 90 percent, which is quite poor, and the reason for the capital spending. Waste flows have been managed to minimize exports due to boiler availability, which is the major source of the surplus the Project is running so far.

**Mr. Barlow** asked whether the money for these projects came from operating revenue or reserves. **President Kirk** replied the funds came from reserves established for capital projects. He said the lack of capital spending dating to the late 1990's was costly, and these capital costs are not unusual for maintaining such plants

**Mr. Roy** asked whether there is a timetable for completing projects to avoid exports. **President Kirk** said the Project is not exporting due to good waste flow management practice and the economy, which has depressed waste generation. He said a normal economy would generate about 10 percent more waste and would have made exporting necessary. **President Kirk** said CRRA does not expect to export after 2012 as the plant will no longer be oversubscribed.

**Mr. O'Brien, Vice-Chairman of CRRA**, said he believes that the CRRA Board of Directors and the Mid-Connecticut Project have a responsibility to maintain the facility in first-class order. Because of this, he supported this year's budget including most of the capital expenditures, but not a \$3 million project which would not have produced a sufficient return on investment. He said that one of the reasons turbine work had been deferred was to take \$3 million out of the budget and keep the tip fee down. He said the CRRA Board is very conscious of the economy and the Project's responsibility to the State for the condition of this plant.

## **6. MID-CONNECTICUT PROJECT UPDATE – CRRA MANAGEMENT**

### **A. UPDATE ON EXPANSION OF PLASTICS RECYCLING**

**Mr. Gaffey** explained the installation of equipment necessary for CRRA to begin accepting additional types of plastic for recycling will be completed in late April. He said single-stream processing has been going extremely well, and those towns which have switched to single-stream most likely have much happier customers which will increase with the light plastics collection.

**President Kirk** noted CRRA would update its recycling brochure with the latest information. **Mr. Gaffey** said the new items should be accepted by May 1.

**Mr. Adams** asked whether CRRA could provide a public-service announcement for local-access cable. **Mr. Nonnenmacher** said CRRA is working on a video about single-stream recycling that might be used for such a purpose. He said that in addition a radio campaign specifically about the plastics expansion will be launched shortly.

### **B. OPERATIONAL PERFORMANCE**

- i. MSW DELIVERIES AND TRENDS**
- ii.. RECYCLABLES DELIVERIES AND TRENDS**
- iii. PLANT OPERATIONAL SUMMARIES**

**Mr. Gaffey** directed members' attention to detailed reports in the agenda package for all three items. He said that the plant has been doing extremely well and noted that the residue left after recycling is less than 3 percent, which, for a single-stream facility, is the best in the country.

**Mr. Gaffey** said MSW tonnage is down due to the economy, which has worked in the Project's favor as major boiler repairs decrease the amount of MSW required. **Mr. Gaffey** said deliveries have been steady.

#### iv. TRASH MUSEUM REPORT

**Mr. Nonnenmacher** directed members' attention to reports in the agenda package for this item. He said CRRA's education staff is conducting targeted recycling education programs in East Hartford schools under a grant CRRA secured specifically for that purpose. **Mayor Currey** asked for more information about that program and whether it would run long enough to dovetail with East Hartford's conversion to single-stream recycling in July. **Mr. Nonnenmacher** said he would provide that information.

#### C. FINANCIAL AND VARIANCE REPORT

**President Kirk** directed members' attention to financial reports contained in the agenda package. He said that the Project is currently running a surplus of about \$2 million, but that may change by the end of the fiscal year. He attributed the surplus mainly to reductions in administrative costs and waste transport, since reducing exports saves a substantial amount of money.

**President Kirk** said that Boiler 11 has been clad with Inconel, a metal coating which management hopes will minimize the corrosive effects of the gas. He said the new alloy is being used on an experimental basis and management is optimistic that it will result in a substantial capital savings.

**President Kirk** said CRRA is working on two renewal initiatives. He said the RFP to select post-2012 facilities operators is just about complete and will be released this spring. He said CRRA anticipates being able to offer the Project towns three options:

- a renewal option, essentially the same agreement but without full-faith-and-credit and put-or-pay obligations;
- a simple term contract which will include some tonnage commitment; and
- a spot-ton contract.

**President Kirk** said the renewal option will be available for review in April. He said CRRA will do what it can to streamline the renewal to accommodate towns' procurement procedures.

**President Kirk** said after 2012 the Mid-Connecticut system will operate

- with CRRA directly operating the system and paying a management fee to contractors;
- with CRRA's contractor providing capacity and using the remainder of the capacity for its own benefit;
- or a combination of the two. He said management would prefer to maintain CRRA's direct control over the facilities.

**President Kirk** said the tip fee will remain at \$69 for FY 2011, but due to high costs CRRA will charge \$45 a piece for mattresses delivered in loads of bulky waste. He encouraged the towns to look into options such as separating mattresses from the bulky loads, and that CRRA would consider reduced for segregated mattresses. He said management continues to explore other disposal options.

**Vice-Chairman Wawruck** urged CRRA to consider a reduced charge for separated mattresses and asked CRRA to provide alternatives for mattress disposal. **Mr. Egan** said the ultimate solution would be for CRRA to develop its own volume-reduction facility, but at present CRRA only has the mobile shredder it installed last year. He also said CRRA could develop a price for mattress-only loads within two or three weeks. **Mr. Egan** said that CRRA is doing the best it can with its current resources.

**President Kirk** said the mattress price is CRRA's cost, and in previous years it was socialized in the MSW fee.

**Mr. Barlow** asked how many tons of bulky waste the Mid-Connecticut Project receives. **Mr. Egan** said the Project receives about 15,000 tons each year from about 20 towns. **President Kirk** said CRRA's recommendation to the towns is to bring their construction and demolition material to a private facility.

**President Kirk** said the CRRA Executive Committee met with the CRCOG Solid Waste Working Group to discuss governance and other issues and a follow-up meeting is expected.

#### **D. LEGAL UPDATE**

**President Kirk** updated committee members on arbitration with the Metropolitan District, a lawsuit filed against CRRA by creditors of ONE/CHANE, the remaining legal actions against Enron-related defendants in federal bankruptcy court in Houston and enforcement-related suits against two haulers.

#### **7. COMMENTS AND QUESTIONS FROM MUNICIPAL ADVISORY COMMITTEE MEMBERS**

**Mr. Adams** moved to waive the rules for the purposes of adding two resolutions to the agenda: one regarding CRRA's use of the Freedom of Information Act, the other regarding changes in the CRRA Board of Directors. **Mr. Stein** seconded the motion, which passed unanimously.

With the items added to the agenda, **Mr. Adams** moved the following resolution:

##### **RESOLUTION REGARDING USE OF THE FREEDOM OF INFORMATION ACT BY CRRA**

*Be it resolved that the Mid-Connecticut Project Municipal Advisory Committee requests that CRRA cease its retaliatory use of Freedom of Information requests to member towns and organizations representing those towns in their attempt to form the Central Connecticut Solid Waste Authority.*

**Mr. Stein** seconded the motion.

**Mr. Adams** said a number of towns and the Capitol Region Council of Governments have been served with FOIA requests for schedules for the last year and a half, and subsequent to that an FOIA request to CRCOG regarding any contact CRCOG has had with MDC. He said he believes this is a clear effort on the part of CRRA to restrict the activities of the formation of the Central Connecticut Solid Waste Authority and the exploration of alternatives.

**Mr. Griswold** said that he would like the use of the word "retaliatory" in the resolution explained.

The resolution was approved by voice vote. Voting "no" were **Mr. Chiamonte**, **Ms. Baummer** and **Mr. Griswold**, who also voted proxies for **Mayor Jarjura** and **Mr. Pace**. **Mr. Phillips** abstained.

**Mr. Adams** then moved the following resolution:

##### **RESOLUTION REGARDING EXPANSION OF THE CRRA BOARD OF DIRECTORS**

*Be it resolved that the Mid-Connecticut Project Municipal Advisory Committee supports the expansion of the CRRA Board to include Chief Elected Officials from all member towns.*

**Mr. Chiamonte** seconded the motion.

**Mr. Adams** said he felt it was important to determine whether this group is supportive of changing CRRA's governance by expanding its Board of Directors to include CEOs from all Mid-Connecticut Project towns.

The committee then discussed the implications of the resolution, including the question of whether a 70-person board would be workable, and legislation introduced on behalf of the Capitol Region Council of Governments.

**Mayor Currey** said there was a huge misunderstanding. She said she wants to thank the present CRRA Board of Directors for all the directors have done to bring CRRA out of the Enron scandal and all the updates made to the plant. She said any claim that the Metropolitan District is involved in CRCOG's efforts couldn't be further from the truth. She said she declined the possibility of becoming a CRRA director because she is chairman of CRCOG, which is trying to put together a new regional solid waste authority, and serving on the CRRA board would not be appropriate.

**Ms. Baummer** agreed that a 70-member board would be unwieldy, and the committee went on to discuss the possibility that under a 70-member board CRRA could be governed by an executive committee of the board.

**Chairman Bingham** asked whether the proposed resolution is a recommendation to the legislature. **Mr. Adams** replied the resolution is an expression of desire.

The resolution was then approved by voice vote. Voting "no" were **Ms. Baummer** and **Mr. Griswold**, who also voted proxies for **Mayor Jarjura** and **Mr. Pace**. **Mr. Phillips** abstained.

There being no further business, **Chairman Bingham** called for a motion to adjourn. **Mr. Barlow** interrupted to say that, during approval of the minutes of the November 18, 2009, meeting, Canton was not listed as a participating municipality and he was present at the meeting. **Mr. Nonnenmacher** said he would make the necessary corrections.

## 8. ADJOURNMENT

Upon **Chairman Bingham's** request, **Mr. Adams** moved to adjourn. **Mayor Currey** seconded. The motion passed unanimously and the meeting was adjourned at 10:04 a.m.

Respectfully Submitted,

Moira Kenney  
Board Secretary/Paralegal

# **SECTION 2**



**RESOLUTION REGARDING  
STATE ASSISTANCE WITH CLOSURE OF HARTFORD LANDFILL  
May 26, 2010**

**WHEREAS** the Hartford landfill was used by the Connecticut Resources Recovery Authority Mid-Connecticut Project from 1982 through 2008; and

**WHEREAS** in 2007 CRRA committed to paying for the closure and post-closure monitoring and maintenance of the Hartford landfill provided that the State Bond Commission would contribute \$13 million toward those costs, which will total more than \$46 million; and

**WHEREAS** the State of Connecticut has contributed more than \$44 million toward the closure of landfills in 26 other municipalities since 1997; and

**WHEREAS** the 70 cities and towns of the Mid-Connecticut Project have enjoyed the benefit of the Hartford landfill and are now responsible for closing the site; and

**WHEREAS** those 70 cities and towns are responsible for all costs not covered by the State Bond Commission appropriation; and

**WHEREAS** the State Bond Commission has authorized only \$3 million of the State's contribution to date; and

**WHEREAS** the General Assembly recently passed legislation that would reduce the contribution by another \$5 million; and

**WHEREAS** without the remaining \$5 million of the contribution Mid-Connecticut Project disposal fees could increase by \$6.25 per ton, or 9 percent, in Fiscal Year 2012; now therefore

**BE IT RESOLVED** that the 70 cities and towns of the Mid-Connecticut Project respectfully request Governor Rell to expedite favorable action on the remaining \$5 million and directs Mid-Connecticut Project Municipal Advisory Committee Chairman Ryan J. Bingham to communicate this request to Governor Rell.

# **SECTION 3**

# MID-CONNECTICUT PROJECT

## April 2010 Monthly Customer MSW Deliveries

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

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Avon	12,041	10,700	(11%)	8,867	8,621	(3%)	840	891	6%
Beacon Falls	2,627	2,743	4%	2,296	2,268	(1%)	215	250	16%
Bethlehem	1,863	1,746	(6%)	1,446	1,405	(3%)	134	153	14%
Bloomfield	9,526	9,137	(4%)	6,544	13,356	104%	823	1,433	74%
Bolton	2,101	1,819	(13%)	1,489	1,707	15%	170	175	3%
Canaan	808	837	3%	713	363	(49%)	60	37	(38%)
Canton	5,770	5,505	(5%)	4,613	4,131	(10%)	427	416	(3%)
Chester	1,725	1,802	4%	1,497	1,097	(27%)	145	88	(39%)
Clinton	9,691	8,506	(12%)	6,992	7,385	6%	623	779	25%
Colebrook	766	700	(9%)	594	627	5%	68	75	11%
Cornwall	635	598	(6%)	518	428	(17%)	53	39	(27%)
Coventry	3,942	3,841	(3%)	3,182	3,155	(1%)	337	319	(5%)
Cromwell	10,805	9,709	(10%)	7,915	7,738	(2%)	824	774	(6%)
Deep River	3,008	2,830	(6%)	2,349	2,516	7%	249	319	28%
Durham/Middlefield	6,208	6,038	(3%)	4,982	4,941	(1%)	507	525	4%
East Granby	4,127	3,297	(20%)	2,724	3,154	16%	300	318	6%
East Hampton	5,676	5,492	(3%)	4,565	4,453	(2%)	433	528	22%
East Hartford	31,739	29,401	(7%)	23,639	26,434	12%	2,604	2,745	5%
East Windsor	5,113	4,081	(20%)	3,257	3,777	16%	344	380	10%
Ellington	6,552	5,131	(22%)	4,281	4,423	3%	402	462	15%
Enfield	26,899	23,778	(12%)	18,623	23,324	25%	2,113	2,202	4%
Essex	3,888	3,655	(6%)	3,038	2,948	(3%)	308	281	(9%)
Farmington	18,406	17,911	(3%)	14,725	14,497	(2%)	1,495	1,477	(1%)
Glastonbury	21,062	19,872	(6%)	16,538	16,090	(3%)	1,638	1,660	1%
Goshen	1,418	1,453	2%	1,211	1,175	(3%)	116	110	(5%)
Granby	5,455	5,319	(2%)	4,349	3,846	(12%)	435	412	(5%)
Guilford	12,305	13,268	8%	10,946	11,072	1%	1,088	1,127	4%
Haddam	3,611	3,409	(6%)	2,824	2,722	(4%)	273	279	2%
Hartford	104,636	98,925	(5%)	81,479	81,183	(0%)	8,360	8,464	1%
Harwinton	2,355	2,314	(2%)	1,921	1,878	(2%)	186	190	2%
Hebron	3,898	3,395	(13%)	2,815	2,693	(4%)	247	254	3%
Killingworth	2,767	2,658	(4%)	2,197	2,203	0%	211	247	17%
Litchfield	5,569	5,251	(6%)	4,313	4,509	5%	403	434	8%
Lyme	940	879	(6%)	729	702	(4%)	72	73	2%
Madison	10,463	9,954	(5%)	8,222	7,249	(12%)	758	659	(13%)
Manchester	37,101	34,733	(6%)	28,382	31,362	10%	2,964	3,373	14%

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

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Marlborough	3,355	3,101	(8%)	2,554	2,367	(7%)	231	236	2%
Middlebury	3,411	3,121	(9%)	2,664	1,998	(25%)	246	198	(19%)
Naugatuck	18,021	17,214	(4%)	14,162	13,243	(6%)	1,453	1,342	(8%)
Newington	24,895	22,828	(8%)	18,839	18,539	(2%)	1,867	1,945	4%
Norfolk	985	1,104	12%	952	655	(31%)	85	65	(24%)
North Branford	7,373	8,197	11%	6,739	6,469	(4%)	735	657	(11%)
North Canaan	3,095	2,595	(16%)	2,139	2,272	6%	186	217	17%
Old Lyme	4,462	4,178	(6%)	3,412	3,418	0%	323	303	(6%)
Old Saybrook	14,601	10,933	(25%)	9,005	8,845	(2%)	826	980	19%
Oxford	4,365	4,335	(1%)	3,581	3,978	11%	414	478	16%
Portland	4,412	4,180	(5%)	3,460	3,313	(4%)	346	352	2%
Rocky Hill	13,194	11,405	(14%)	9,494	9,083	(4%)	936	916	(2%)
Roxbury	918	814	(11%)	683	639	(7%)	64	64	(0%)
RRDD#1	13,819	13,291	(4%)	10,895	10,543	(3%)	1,057	1,090	3%
Salisbury/Sharon	3,970	3,564	(10%)	2,931	2,737	(7%)	267	241	(10%)
Simsbury	16,433	15,331	(7%)	12,657	12,617	(0%)	1,302	1,313	1%
South Windsor	16,646	13,875	(17%)	11,165	12,802	15%	1,207	1,434	19%
Southbury	9,512	9,419	(1%)	7,663	8,258	8%	757	911	20%
Suffield	6,020	5,411	(10%)	4,275	5,281	24%	536	590	10%
Thomaston	4,961	4,724	(5%)	3,931	3,576	(9%)	388	387	(0%)
Tolland	6,710	5,970	(11%)	4,957	5,090	3%	440	519	18%
Torrington	29,735	27,639	(7%)	22,838	21,682	(5%)	2,342	2,312	(1%)
Vernon	15,796	14,009	(11%)	11,398	12,629	11%	1,295	1,246	(4%)
Waterbury	79,157	77,156	(3%)	62,706	66,514	6%	6,621	7,263	10%
Watertown	15,262	14,940	(2%)	12,432	11,202	(10%)	1,165	1,152	(1%)
West Hartford	40,033	38,544	(4%)	31,493	31,306	(1%)	3,318	3,297	(1%)
Westbrook	5,096	4,703	(8%)	3,874	4,118	6%	403	461	14%
Wethersfield	17,349	17,172	(1%)	13,840	14,588	5%	1,487	1,604	8%
Windsor Locks	7,021	7,277	4%	5,726	7,591	33%	754	833	10%
Woodbury	5,803	5,311	(8%)	4,395	4,222	(4%)	408	437	7%
<b>TOTAL MEMBER &amp; CONTRACT TOWN</b>	<b>781,906</b>	<b>733,030</b>	<b>(6%)</b>	<b>599,637</b>	<b>619,004</b>	<b>3%</b>	<b>61,685</b>	<b>64,793</b>	<b>5%</b>

### Mid-Connecticut Project Contract Spot MSW

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
New Haven	0	29,785	-	17,261	19,912	15%	5,165	5,433	5%
<b>TOTAL CONTRACT SPOT</b>	<b>0</b>	<b>29,785</b>	<b>-</b>	<b>17,261</b>	<b>19,912</b>	<b>15%</b>	<b>5,165</b>	<b>5,433</b>	<b>5%</b>

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

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Ansonia	0	2,447	-	2,447	0	(100%)	742	0	(100%)
Berlin	0	177	-	177	67	(62%)	41	0	(100%)
Bridgeport	0	9	-	9	0	(100%)	0	0	-
Bristol	0	420	-	420	362	(14%)	17	0	(100%)
Cheshire	112	175	57%	175	0	(100%)	28	0	(100%)
Derby	0	362	-	362	0	(100%)	97	0	(100%)
East Haddam	0	86	-	68	46	(33%)	7	0	(100%)
F & G Recycling	0	0	-	0	2,437	-	0	927	-
Hamden	159	121	(24%)	121	0	(100%)	0	0	-
Meriden	936	848	(9%)	841	317	(62%)	139	202	45%
Middletown	9,960	15,564	56%	13,422	6,075	(55%)	1,625	688	(58%)
Morris	471	94	(80%)	94	0	(100%)	0	0	-
Murphy Road Recyclin	0	0	-	0	3,138	-	0	1,541	-
New Britain	633	1,710	170%	1,708	198	(88%)	106	0	(100%)
New Haven	9,780	19,160	96%	19,160	313	(98%)	1,251	0	(100%)
North Haven	65	46	(29%)	46	123	168%	0	91	-
Plainville	0	165	-	165	69	(58%)	10	0	(100%)
Seymour	0	335	-	335	0	(100%)	0	0	-
Somers	0	606	-	606	0	(100%)	187	0	(100%)
Southington	0	94	-	94	173	84%	0	0	-
Stafford	0	646	-	564	203	(64%)	106	0	(100%)
Stratford	0	0	-	0	192	-	0	0	-
Transfer Systems Inc	1,837	2,984	62%	2,984	249	(92%)	20	0	(100%)
Wallingford	1,587	798	(50%)	798	530	(34%)	163	359	120%
Windsor	0	1,095	-	1,090	68	(94%)	350	0	(100%)
<b>TOTAL IN-STATE SPOT</b>	<b>25,539</b>	<b>47,943</b>	<b>88%</b>	<b>45,688</b>	<b>14,560</b>	<b>(68%)</b>	<b>4,888</b>	<b>3,807</b>	<b>(22%)</b>

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

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Massachusetts	4,003	4,499	12%	4,499	10	(100%)	0	10	-
New York	0	20	-	20	0	-100%	0	0	-
<b>TOTAL OUT-OF-STATE SPOT</b>	<b>4,003</b>	<b>4,519</b>	<b>13%</b>	<b>4,519</b>	<b>10</b>	<b>(100%)</b>	<b>0</b>	<b>10</b>	<b>-</b>

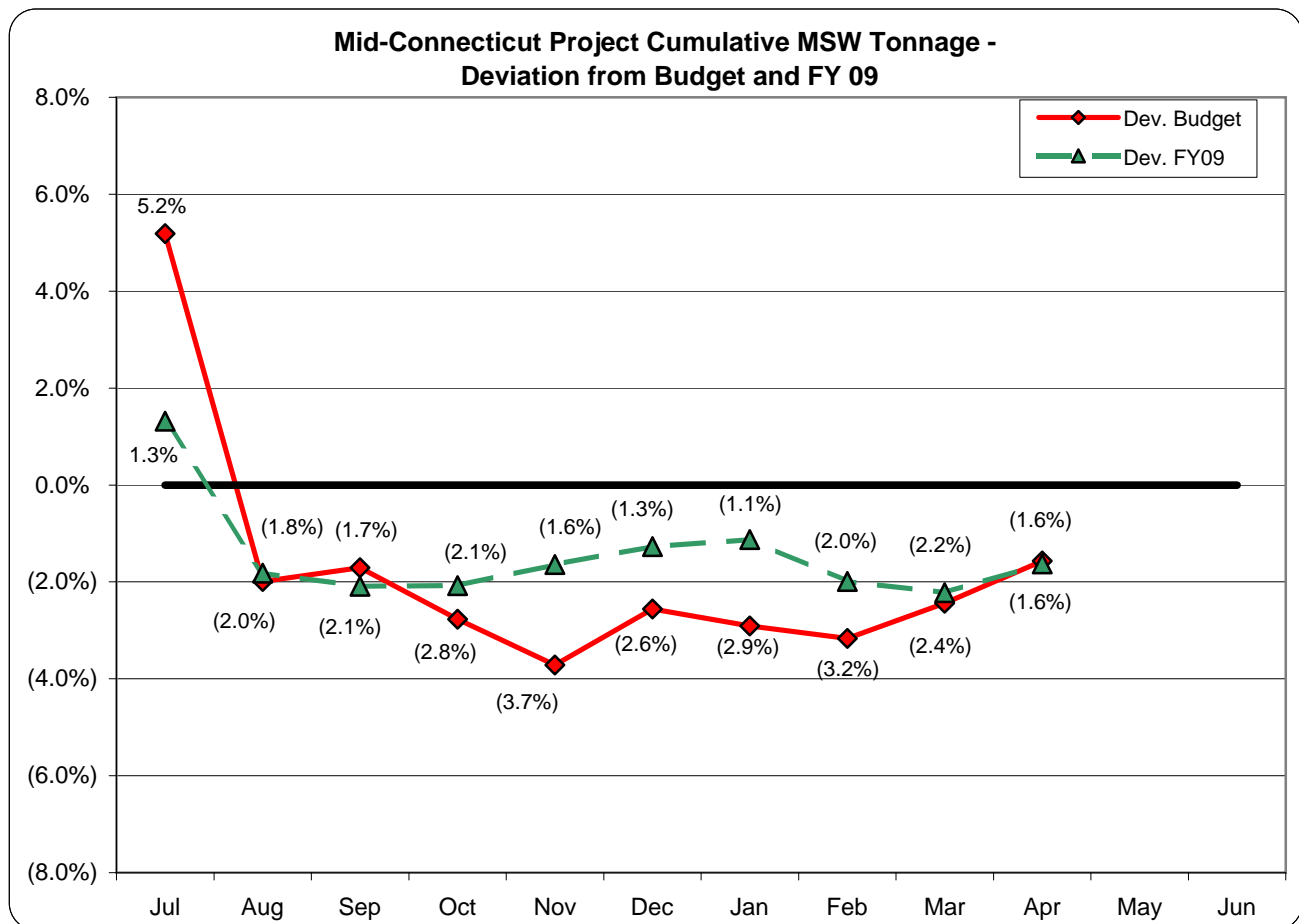
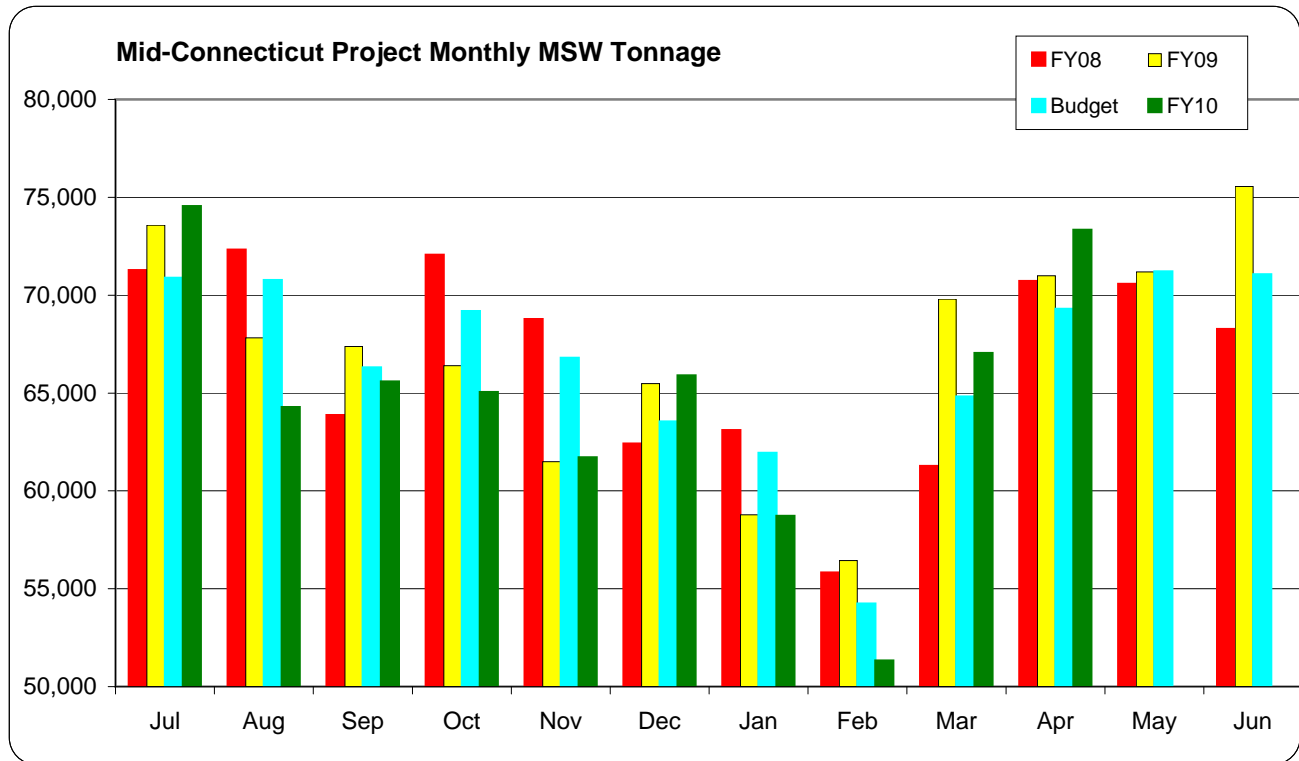
### Mid-Connecticut Project Total MSW Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Member & Contract Towns	781,906	733,030	(6%)	599,637	619,004	3%	61,685	64,793	5%
Contract Spot	0	29,785	-	17,261	19,912	15%	5,165	5,433	5%
In-State Spot	25,539	47,943	88%	45,688	14,560	(68%)	4,888	3,807	(22%)
Out-of-State Spot	4,003	4,519	13%	4,519	10	(100%)	0	10	-
<b>TOTAL TONNAGE</b>	<b>811,448</b>	<b>815,278</b>	<b>0%</b>	<b>667,105</b>	<b>653,486</b>	<b>(2%)</b>	<b>71,739</b>	<b>74,043</b>	<b>3%</b>

### Mid-Connecticut Project MSW Diversions And Exports

Type	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
TS Diversions	46,815	14,039	(70%)	8,492	4,105	(52%)	459	0	(100%)
TS Exports	13,679	2,999	(78%)	0	11,253	-	0	0	-
WPF Diversions	0	0	-	0	0	-	0	0	-
WPF Exports	9,474	0	(100%)	0	0	-	0	0	-
<b>TOTAL TONNAGE</b>	<b>69,968</b>	<b>17,038</b>	<b>(76%)</b>	<b>8,492</b>	<b>15,359</b>	<b>81%</b>	<b>459</b>	<b>0</b>	<b>(100%)</b>

## Mid-Connecticut Project MSW Trends



# **SECTION 4**

# MID-CONNECTICUT PROJECT

## April 2010 Monthly Customer Recyclables Deliveries

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

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Avon	1,762	2,123	20%	1,729	1,942	12%	216	206	(5%)
Beacon Falls	306	320	5%	266	255	(4%)	25	29	19%
Bethlehem	353	329	(7%)	280	273	(2%)	27	27	0%
Bloomfield	1,503	1,366	(9%)	1,153	1,091	(5%)	118	112	(5%)
Bolton	534	488	(9%)	412	405	(2%)	40	53	33%
Canton	1,033	940	(9%)	796	726	(9%)	76	74	(2%)
Chester	337	301	(11%)	268	279	4%	26	24	(6%)
Clinton	734	749	2%	616	667	8%	66	66	1%
Colebrook	164	158	(4%)	134	133	(1%)	12	13	7%
Cornwall	175	178	2%	148	132	(11%)	11	10	(10%)
Coventry	1,373	1,268	(8%)	1,070	1,005	(6%)	103	99	(4%)
Cromwell	697	1,321	90%	995	920	(8%)	133	80	(40%)
Deep River	327	282	(14%)	234	226	(4%)	26	30	14%
East Granby	528	251	(52%)	194	402	108%	27	37	38%
East Hampton	831	1,024	23%	820	902	10%	97	86	(12%)
East Hartford	2,150	1,993	(7%)	1,665	1,615	(3%)	166	183	10%
East Windsor	775	728	(6%)	613	710	16%	60	74	22%
Ellington	1,210	1,241	3%	1,009	1,224	21%	135	137	1%
Enfield	2,801	3,017	8%	2,512	2,472	(2%)	241	259	7%
Essex	635	665	5%	532	627	18%	58	64	12%
Farmington	2,025	2,221	10%	1,816	1,958	8%	188	188	(0%)
Glastonbury	3,300	4,342	32%	3,572	3,056	(14%)	429	306	(29%)
Goshen	296	277	(6%)	231	241	4%	18	21	16%
Granby	1,153	1,171	2%	981	1,224	25%	101	119	18%
Guilford	1,304	1,442	11%	1,183	1,365	15%	126	147	17%
Haddam	497	493	(1%)	419	409	(2%)	43	43	1%
Hartford	2,481	3,583	44%	2,905	3,420	18%	354	428	21%
Harwinton	460	452	(2%)	378	395	4%	34	50	45%
Hebron	928	885	(5%)	744	721	(3%)	68	73	7%
Killingworth	671	593	(12%)	492	523	6%	34	48	42%
Litchfield	670	661	(1%)	548	544	(1%)	49	52	6%
Madison	1,706	1,656	(3%)	1,395	1,198	(14%)	109	102	(6%)
Manchester	3,757	3,792	1%	3,167	4,172	32%	327	448	37%
Marlborough	473	500	6%	413	443	7%	49	40	(19%)
Middlebury	859	871	1%	724	695	(4%)	63	69	9%

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

Town	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Naugatuck	1,549	1,535	(1%)	1,294	1,231	(5%)	126	122	(4%)
Newington	2,119	2,207	4%	1,831	1,827	(0%)	193	183	(5%)
Norfolk	178	185	4%	157	140	(11%)	17	13	(26%)
North Branford	879	830	(6%)	717	739	3%	55	81	49%
North Canaan	231	231	(0%)	188	205	9%	17	23	37%
Old Saybrook	1,329	1,169	(12%)	984	837	(15%)	96	100	4%
Oxford	658	735	12%	608	628	3%	63	74	17%
Portland	353	824	134%	648	477	(26%)	97	59	(39%)
Rocky Hill	1,485	1,390	(6%)	1,165	1,181	1%	115	120	4%
Roxbury	232	220	(5%)	184	161	(13%)	20	18	(11%)
RRDD#1	1,883	1,931	3%	1,591	1,608	1%	159	160	1%
Salisbury/Sharon	1,120	1,025	(9%)	864	796	(8%)	73	78	7%
Simsbury	2,929	2,686	(8%)	2,285	2,115	(7%)	191	215	13%
South Windsor	2,502	2,341	(6%)	1,977	2,253	14%	201	237	18%
Southbury	1,787	1,719	(4%)	1,441	1,309	(9%)	114	136	19%
Suffield	1,228	1,085	(12%)	893	1,138	27%	65	108	66%
Thomaston	432	422	(2%)	352	387	10%	33	40	21%
Torrington	2,019	1,987	(2%)	1,563	2,463	58%	151	248	65%
Vernon	2,042	2,041	(0%)	1,719	1,575	(8%)	166	152	(8%)
Waterbury	3,214	3,180	(1%)	2,641	2,468	(7%)	253	243	(4%)
Watertown	1,414	1,279	(10%)	1,066	1,024	(4%)	103	95	(8%)
West Hartford	6,607	6,092	(8%)	5,061	4,957	(2%)	483	510	5%
Westbrook	292	373	28%	308	345	12%	30	34	15%
Wethersfield	2,315	2,120	(8%)	1,781	1,741	(2%)	175	171	(2%)
Windsor Locks	1,006	922	(8%)	774	922	19%	76	99	30%
Woodbury	820	744	(9%)	635	628	(1%)	67	65	(3%)
<b>TOTAL MEMBER &amp; CONTRACT TOWN</b>	<b>79,432</b>	<b>80,953</b>	<b>2%</b>	<b>67,140</b>	<b>69,526</b>	<b>4%</b>	<b>6,796</b>	<b>7,183</b>	<b>6%</b>

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

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
New Haven	0	1	-	1	0	(100%)	0	0	-
<b>TOTAL IN-STATE SPOT</b>	<b>0</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>0</b>	<b>(100%)</b>	<b>0</b>	<b>0</b>	<b>-</b>

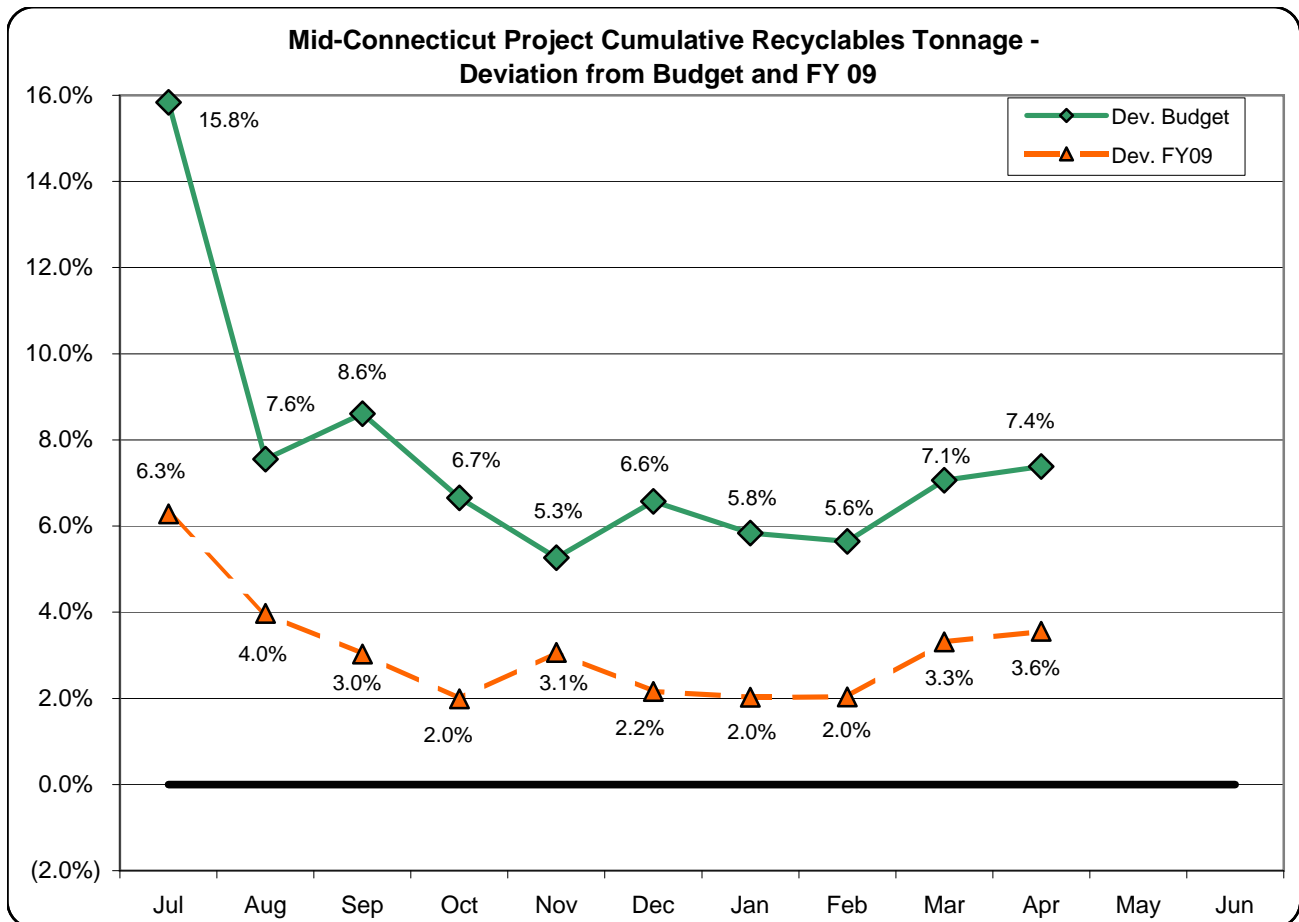
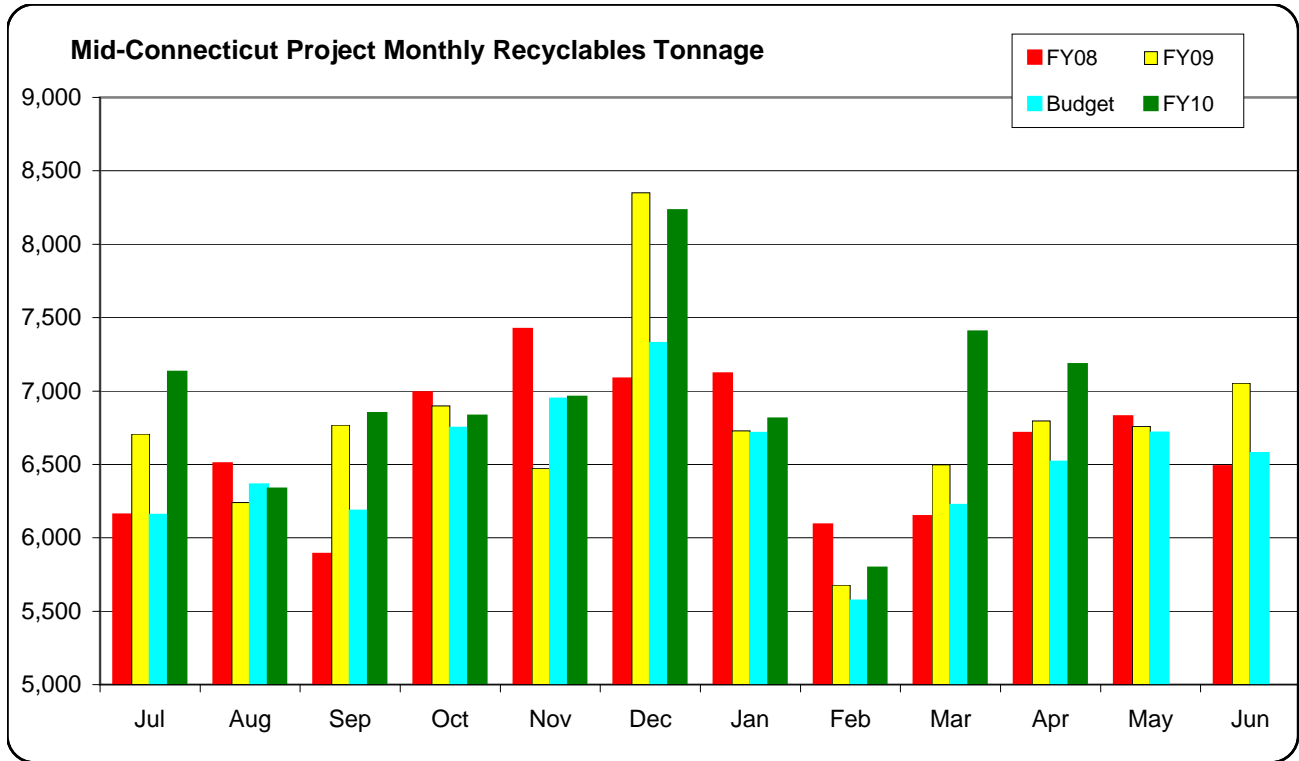
### Mid-Connecticut Project Out-Of-State Spot Recyclables

State	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Massachusetts	1	1,942	>100%	1,942	0	(100%)	0	0	-
<b>TOTAL OUT-OF-STATE SPOT</b>	<b>1</b>	<b>1,942</b>	<b>&gt;100%</b>	<b>1,942</b>	<b>0</b>	<b>(100%)</b>	<b>0</b>	<b>0</b>	<b>-</b>

### Mid-Connecticut Project Total Recyclables Deliveries

Source	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Growth	2009	2010	Growth	Apr 09	Apr 10	Growth
Member & Contract Towns	79,432	80,953	2%	67,140	69,526	4%	6,796	7,183	6%
In-State Spot	0	1	-	1	0	(100%)	0	0	-
Out-of-State Spot	1	1,942	>100%	1,942	0	(100%)	0	0	-
<b>TOTAL TONNAGE</b>	<b>79,434</b>	<b>82,897</b>	<b>4%</b>	<b>69,083</b>	<b>69,526</b>	<b>1%</b>	<b>6,796</b>	<b>7,183</b>	<b>6%</b>

## Mid-Connecticut Project Recyclables Trends

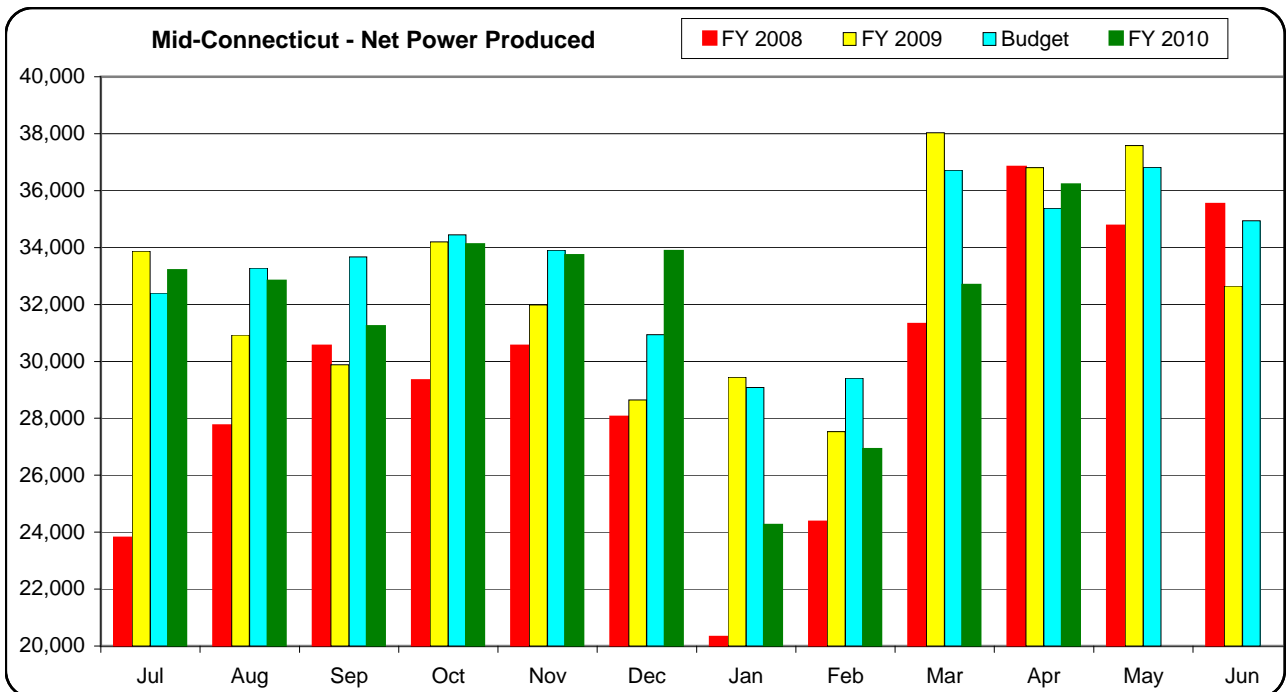
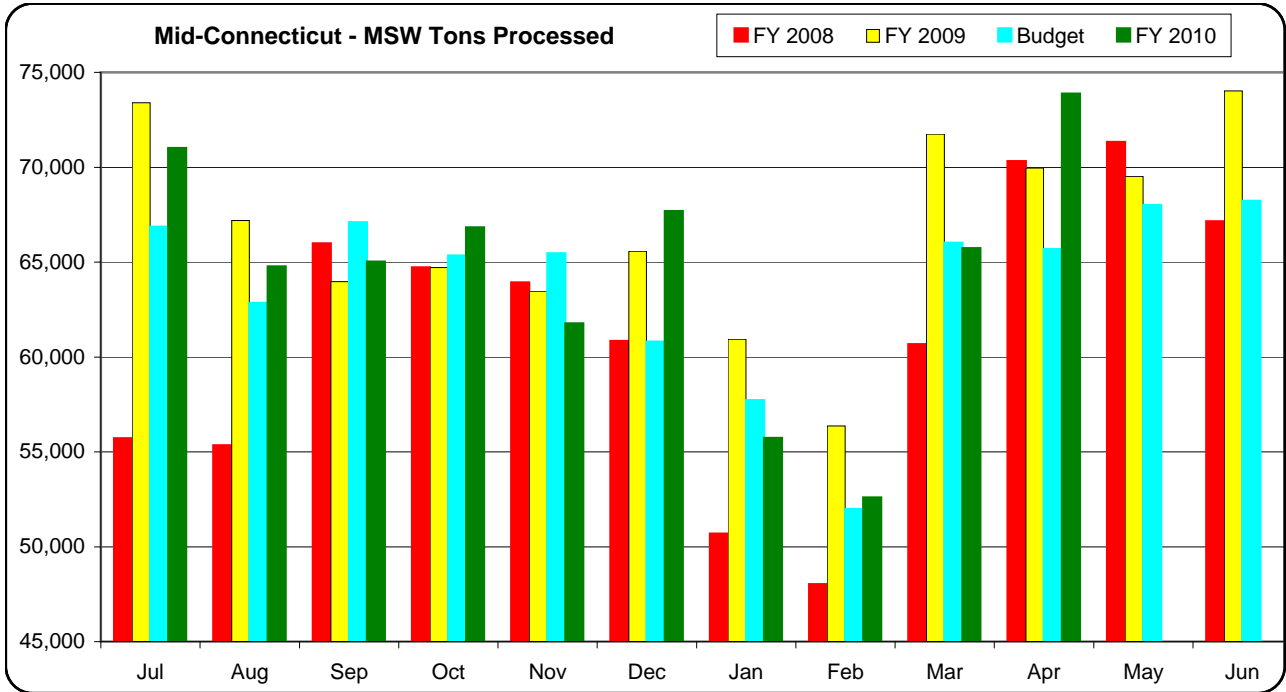


# **SECTION 5**

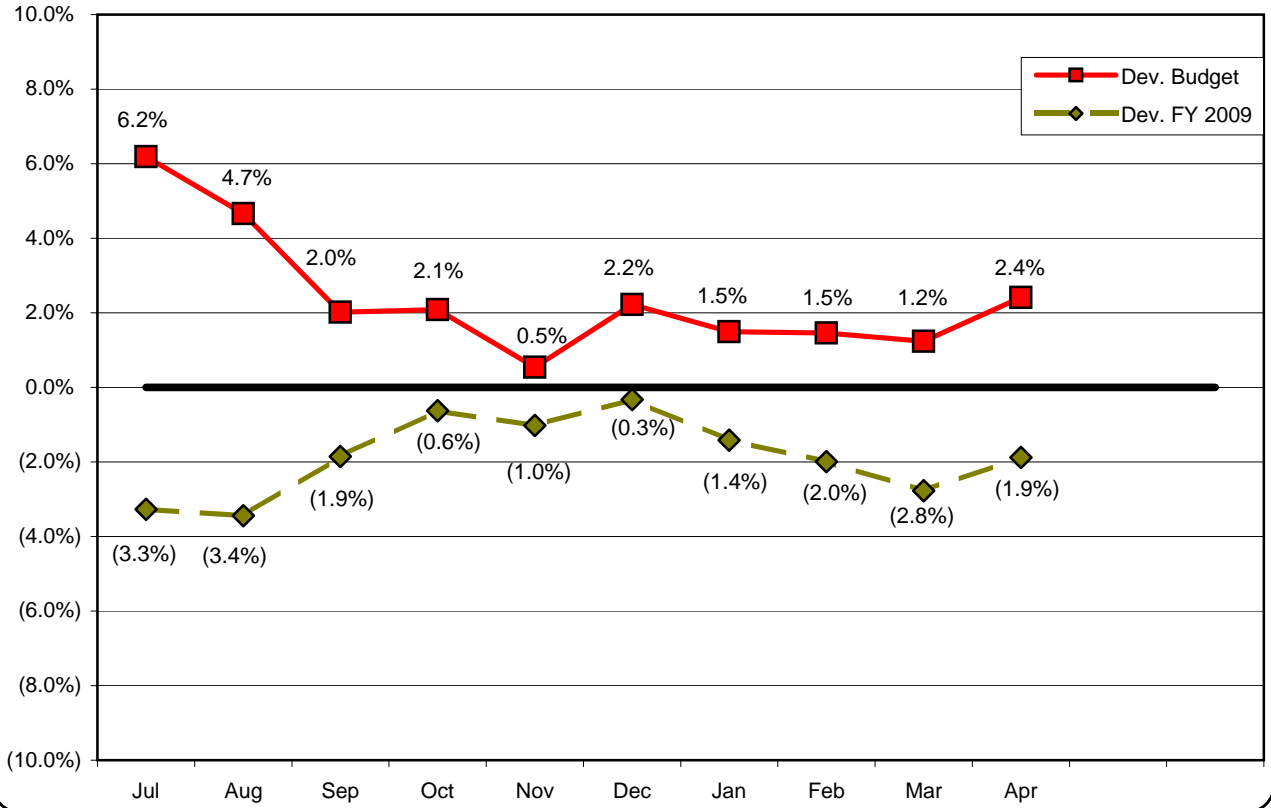
# MID-CONNECTICUT PROJECT

## May 2010 Monthly Operational Summary

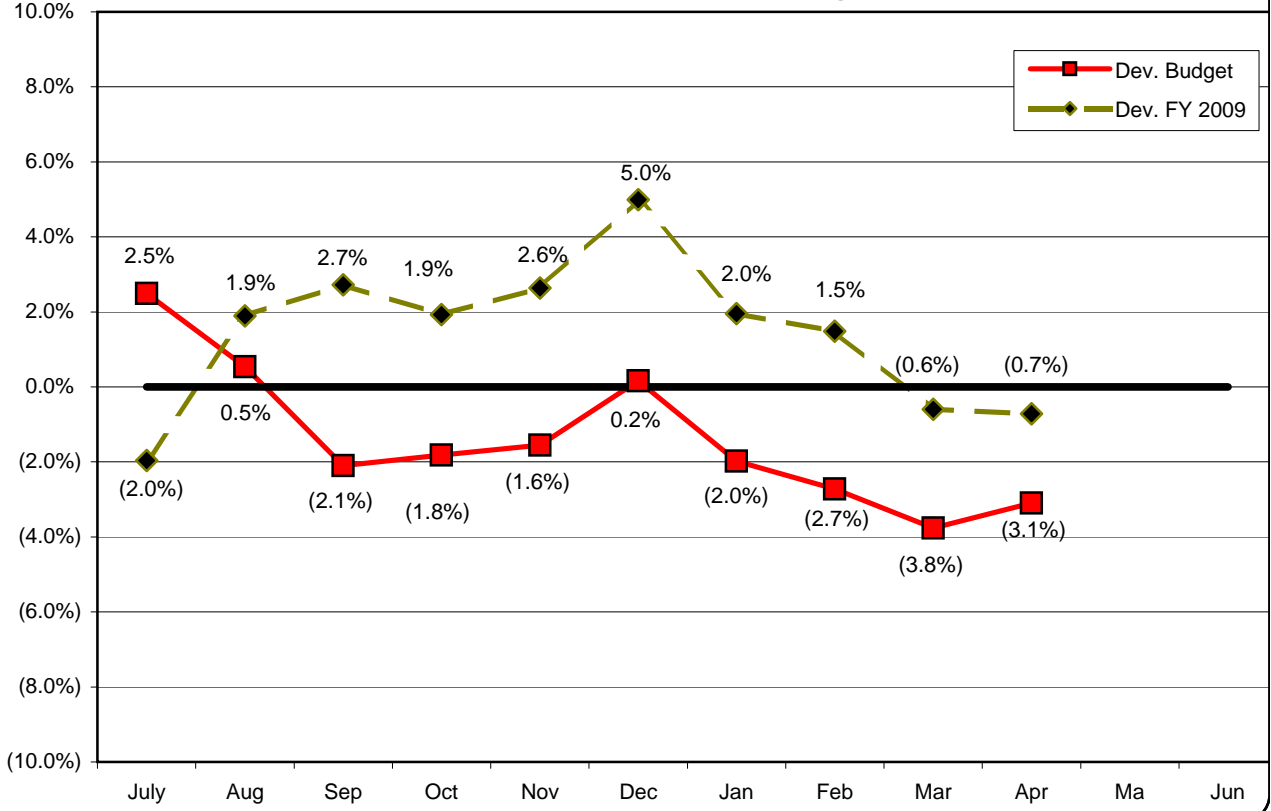
Item	Fiscal Year			Fiscal Year-To-Date			Monthly		
	2008	2009	Change	2009	2010	Change	May 09	May 10	Change
Tons MSW Processed	734,656	800,894	9.0%	726,868	644,960	-11.3%	69,524	0	-100.0%
Steam (klbs)	4,504,998	4,846,922	7.6%	4,423,093	3,909,242	-11.6%	460,424	0	-100.0%
(% MCR)	74.0%	79.8%		79.4%	70.2%		89.3%	0.0%	
Power Net MWhr)	353,107	391,548	10.9%	358,902	319,026	-11.1%	37,584	0	-100.0%



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
Jul 09	80%	92%	65%
Aug 09	76%	79%	85%
Sep 09	63%	95%	75%
Oct 09	83%	83%	75%
Nov 09	78%	85%	79%
Dec 09	81%	80%	75%
Jan 10	24%	82%	74%
Feb 10	84%	84%	45%
Mar 10	84%	59%	86%
Apr 10	79%	92%	95%
May 10			
Jun 10			

## Unscheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
07/05/09	07/06/09	12	29.70	Fuel system failure at WPF and to repair a leak.
07/09/09	07/10/09	13	21.40	Water wall tube leak.
07/20/09	07/20/09	13	1.60	RDF plug.
07/20/09	07/21/09	11	24.62	Water wall tube leak.
07/24/09	07/24/09	13	4.25	ID fan variable inlet vane tramp air leaks.
07/29/09	07/29/09	11	2.07	Remove slag from the boiler.
07/30/09	07/30/09	12	10.82	Remove slag from the boiler.
08/06/09	08/07/09	12	34.58	Water wall tube leak.
08/14/09	08/14/09	13	3.97	BFP problem that required boiler to be off-line.
08/15/09	08/16/09	13	5.51	Fuel failure.
08/18/09	08/18/09	11	20.97	Repairs to the bus that supplies the ID and FD fans.
08/18/09	08/18/09	12	4.02	Water wall tube leak.
08/18/09	08/18/09	13	4.32	Operator error and loss of fuel feed.
08/19/09	08/19/09	12	0.42	Operation error.
08/19/09	08/20/09	11	27.12	Water wall tube leak.
08/21/09	08/21/09	13	20.92	Water wall tube leak.
08/23/09	08/23/09	11	8.90	Failed BFP discharge valve on turbine 6.
08/24/09	08/25/09	11	24.28	Water wall tube leak.
08/28/09	08/29/09	11	19.60	Water wall tube leak.
09/02/09	09/02/09	11	22.40	Internal derail of the submerged scraper conveyor.
09/03/09	09/04/09	13	21.16	Water wall tube leak.
09/08/09	09/09/09	13	32.85	Failed grate chain.
09/14/09	09/15/09	11	40.90	Water wall tube leak.
09/17/09	09/17/09	11	16.68	Failure in the DCS.
09/19/09	09/20/09	13	36.78	Water wall tube leak.
09/20/09	09/20/09	12	19.75	Internal derail of the submerged scraper conveyor.
09/28/09	09/29/09	13	27.88	Water wall tube leak.
09/29/09	09/30/09	11	22.88	Water wall tube leak.
10/13/09	10/14/09	11	36.99	Water wall tube leak.
10/13/09	10/03/09	12	0.22	RDF plug.
10/14/09	10/15/09	13	39.85	Water wall tube leak.
10/19/09	10/20/09	12	27.97	Water wall tube leak.
10/27/09	10/28/09	11	24.10	Water wall tube leak.

### Unscheduled Downtime (Continued)

Date Began	Date Ended	Boiler	Duration (Hrs.)	Reason
10/29/09	10/29/09	12	19.90	Water wall tube leak.
10/29/09	10/31/09	13	25.88	Water wall tube leak.
11/11/09	11/12/09	12	35.99	Water wall tube leak.
11/15/09	11/15/09	13	17.83	Water wall tube leak.
11/16/09	11/17/09	12	24.77	Water wall tube leak.
11/23/09	11/23/09	11	1.65	RDF plug in the distribution spout.
11/23/09	11/24/09	13	35.67	Water wall tube leak.
11/27/09	11/28/09	13	14.80	Grate failure.
11/29/09	11/30/09	12	17.12	Remove jammed clinker from the grate.
12/01/09	12/02/09	11	27.88	Water wall tube leak.
12/03/09	12/03/09	13	0.98	RDF plug in the distribution spout.
12/06/09	12/06/09	12	8.83	On standby because of turbine condenser cleaning.
12/10/09	12/11/09	13	11.00	Remove jammed clinker from the grate.
12/11/09	12/12/09	11	19.90	Water wall tube leak.
12/15/09	12/18/09	13	73.16	Grate failure.
12/21/09	12/22/09	12	22.85	Screen wall leak.
12/22/09	12/23/09	13	17.83	Water wall tube leak.
01/02/10	01/03/10	12	16.87	Remove a clinker from the grate.
01/02/10	01/03/10	13	43.08	Low fuel inventory.
01/15/10	01/16/10	12	27.84	Screen wall leak.
01/17/10	01/18/10	13	34.83	Water wall tube leak.
01/19/10	01/20/10	12	16.82	Water wall tube leak.
01/29/10	01/30/10	12	17.77	Auger seal and bearing issue.
02/07/10	02/08/10	12	36.90	Water wall tube leak.
02/17/10	02/17/10	11	0.88	DA level control failure.
02/17/10	02/18/10	12	15.23	Furnace fouling.
02/22/10	02/22/10	11	1.88	Inspect for furnace fouling. None identified.
03/03/10	03/03/10	13	9.14	ID fan inlet modifcaiton to increase flue gas flow.
03/07/10	03/08/10	13	18.80	Economizer tube leaks.
03/17/10	03/18/10	13	27.82	Economizer tube leaks.
03/21/10	03/21/10	11	4.10	Condenser cleaning.
03/22/10	03/22/10	11	7.08	Loss of fuel feed.
03/22/10	03/22/10	12	5.10	Loss of fuel feed.
03/31/10	03/31/10	11	10.03	Condenser cleaning.
03/31/10	03/31/10	13	1.85	Plant trip caused by turbine trip.
04/08/10	04/08/10	11	2.05	Loss of fuel feed.
04/22/10	04/22/10	13	1.03	Opacity; to compartments had bag failures at the same time.
04/28/10	04/29/10	12	28.05	Water wall tube leak.

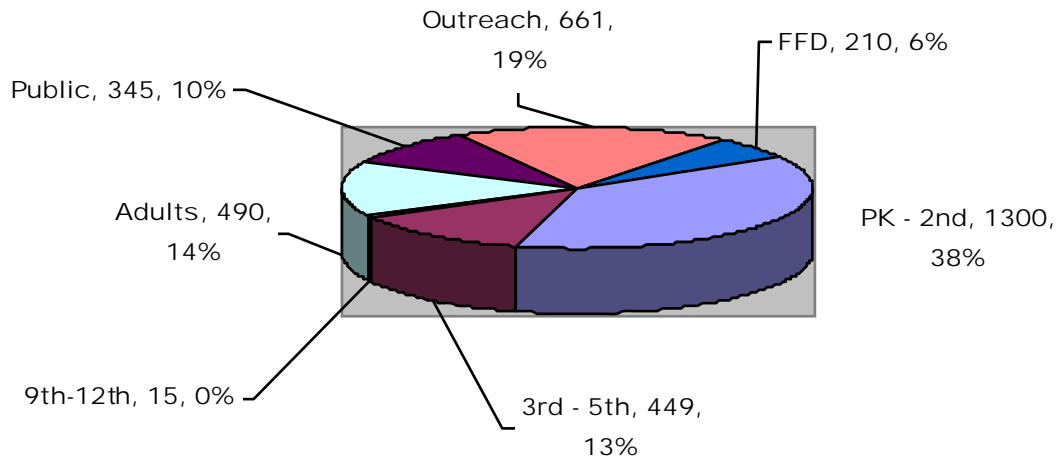
## Scheduled Downtime

Date Began	Date Ended	Boiler	Duration (Hrs.)	Work Performed
07/08/09	07/09/09	11	29.00	Cleaning outage.
07/12/09	07/18/09	13	152.24	Semi-annual outage.
08/09/09	08/14/09	12	103.85	Semi-annual outage.
09/08/09	09/12/09	11	116.82	Semi-annual outage.
10/05/09	10/07/09	12	48.93	Cleaning outage.
10/21/09	10/22/09	13	41.70	Cleaning outage.
11/17/09	11/19/09	11	37.77	Cleaning outage.
12/16/09	12/18/09	12	52.88	Cleaning outage.
01/11/10	02/02/10	11	550.13	Annual outage.
02/08/10	02/21/10	13	317.00	Annual outage.
03/01/10	03/12/10	12	284.78	Annual outage.
04/12/10	04/14/10	11	57.95	Off-Line water washing.
04/26/10	04/27/10	13	38.90	Off-Line water washing.

# **SECTION 6**

# Trash Museum Report

## April 2010



**Group Totals: 2,254**  
**April 2010 Total: 3,470**  
**April 2009 Total: 3,734**  
**Monthly Decrease: -264**  
**YTD Decrease: - 188**

### Museum Special Events:

- *New Mural/traveling exhibit “Crossroads”*
- *Sustainable Dave exhibit/video*
- *IMLS grant – Waterbury and East Hartford targeted*
- *Store Exhibit –Fashion from Trashin*
- *April 6 – Barnard School – Waterbury outreach – 53 participants*
- *April 7 – Silver Lane – East Hartford – 45 participants*
- *April 8 – Langford – East Hartford – 70 participants*
- *April 9 – Tinker School – Waterbury – 111 participants*
- *April 17 – Earth Day Recycled Art Workshop on “Cerealism” – Michael Albert – 200+ participants*
- *April 20 – The Regents - West Hartford – 120 participants*
- *April 21 – Plainville Pre-K – 42 participants*
- *April 21 – Cigna Earth Day Expo- 157 participants*
- *April 22 – Hebrew Home and Hospital composting program – West Hartford – 50 participants*
- *University of Hartford student Motivation Environmental Art Poster Exhibit – Trash Museum amphitheater*

**CRRA Trash Museum April 2010**

Month	School Total	Pre-K - 2nd	3rd - 5th	6th - 8th	9th -12th	College - Adult	Walk-ins	Off-Site	On-Site Events	Grand Total	Hartford Schools
January	1,352	795	504	0	53	241	78	108	228	2,007	795
February	1,108	930	158	5	15	326	237	589	50	2,310	680
March	1,596	1,234	341	13	8	468	178	647	216	3,105	300
April	1,764	1300	449	0	15	490	345	661	210	3,470	298
May											
June											
July											
August											
September											
October											
November											
December											
	<b>5,820</b>	<b>4,259</b>	<b>1,452</b>	<b>18</b>	<b>91</b>	<b>1,525</b>	<b>838</b>	<b>2,005</b>	<b>704</b>	<b>10,892</b>	<b>2073</b>
										Jan-April 2009 11,080	

**CRRA Trash Museum January-December 2009**

Month	School Total	Pre-K - 2nd	3rd - 5th	6th - 8th	9th -12th	College - Adult	Walk-ins	Off-Site	On-Site Events	Grand Total	Hartford Schools
January	1,103	713	286	74	30	266	118	135	280	1,902	649
February	1,494	1,027	255	212	0	386	245	275	25	2,425	744
March	1,848	1,634	165	41	8	450	197	524	0	3,019	211
April	1,794	1310	468	16	0	492	447	1,001	0	3,734	229
May	2,046	871	958	170	47	440	115	146	187	2,934	362
June	1,570	398	769	373	30	321	145	47	50	2,133	0
July	1,025	459	302	226	38	385	623	130	0	2,163	330
August	618	378	158	82	0	152	400	248	0	1,418	140
September	301	84	129	0	88	72	68	147	0	588	0
October	1,394	259	802	318	15	255	64	14	15	1,742	528
November	1,354	460	894	0	0	379	85	132	222	2,172	577
December	775	275	437	13	50	163	179	429	0	1,546	208
	<b>15,322</b>	<b>7,868</b>	<b>5,623</b>	<b>1,525</b>	<b>306</b>	<b>3,761</b>	<b>2,686</b>	<b>3,228</b>	<b>779</b>	<b>25,776</b>	<b>3978</b>

**CRRA Trash Museum January-December 2008**

Month	School Total	Pre-K - 2nd	3rd - 5th	6th - 8th	9th -12th	College - Adult	Walk-ins	Off-Site	On-Site Events	Grand Total	Hartford Schools
January	1,408	656	662	55	35	357	83	0	348	2,196	649
February	1,574	894	603	72	5	279	258	2	38	2,151	844
March	1,616	1,358	199	54	5	440	141	428	122	2,747	343
April	1,576	1232	260	76	8	446	235	3,009	51	5,317	679
May	2,147	868	1019	245	15	425	145	88	160	2,965	303
June	1,179	517	662	0	0	418	88	220	0	1,905	105
July	1,067	583	256	192	36	364	330	0	0	1,761	353
August	215	107	26	25	57	118	310	241	0	884	103
September	309	89	220	0	0	108	29	558	0	1004	0
October	1,176	73	801	267	35	195	66	1493	0	2930	83
November	1,235	559	528	89	59	300	44	287	315	2181	874
December	1,075	581	408	70	16	155	31	0	0	1261	569
	<b>14,577</b>	<b>7,517</b>	<b>5,644</b>	<b>1,145</b>	<b>271</b>	<b>3,605</b>	<b>1,760</b>	<b>6,326</b>	<b>1,034</b>	<b>27,302</b>	<b>4905</b>



**FOR IMMEDIATE RELEASE**

**May 21, 2010**

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## **Volunteer Opportunities at Trash Museum, Garbage Museum CRRA Seeks Students, Seniors Interested in Sustainability for its Education Programs**

Looking for a way to serve your community? Concerned about the environment? The [Garbage Museum](#) in Stratford and the [Trash Museum](#) in Hartford are looking for you.

The Garbage Museum and the Trash Museum, operated by the [Connecticut Resources Recovery Authority](#), are looking for volunteers to help with their [award-winning education programs](#). The museums teach more than 50,000 children and adults each year about recycling, conservation of energy and natural resources, environmental responsibility and the impact that routine choices can have on the planet.

Volunteers' duties would include greeting and assisting visitors, answering telephones, preparation of program materials and other tasks as needed. Volunteers could eventually be trained to lead tours and educational programs.



“Experience is not required to volunteer at the Trash Museum or the Garbage Museum,” said Sotoria Montanari, CRRA education supervisor. “We only require our volunteers be dependable, responsible, personable and enthusiastic.”

Volunteers must be age 16 or older.

Those interested in volunteering can call the Trash Museum at 860-757-7765 or the Garbage Museum at 203-381-9571.

The Connecticut Resources Recovery Authority is a quasi-public agency whose mission is to work for – and in – the best interests of the municipalities of the state of Connecticut. CRRA develops and implements environmentally sound solutions and best practices for solid waste disposal and recycling management on behalf of municipalities. CRRA serves more than 100 Connecticut cities and towns. CRRA also runs sustainability education programs through the [Trash Museum](#) in Hartford and [Garbage Museum](#) in Stratford. For more information about CRRA and its activities, visit <http://www.crra.org>. Computer users can also discuss CRRA at its blog, <http://crra-blog.blogspot.com>.

# **SECTION 7**

## MID-CONNECTICUT PROJECT – VARIANCE ANALYSIS

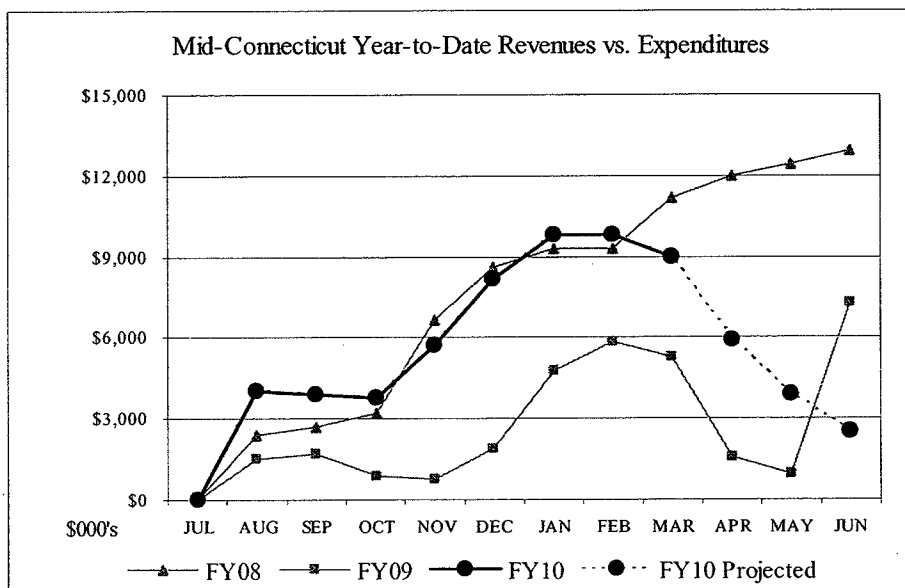
March 2010

### REVENUES:

- Service Charges Solid Waste—Members & Other Contracts: unfavorable due to lower than expected deliveries as seen state-wide. The revenue is also impacted due to tip fee subsidy of \$6 per ton to member towns.
- Use of Debt Service Stabilization Fund: The board approved the use of the fund to provide a tip fee subsidy of \$6.00 per ton to member towns.
- Service Charges Solid Waste—Spot: favorable due to higher than expected non-member deliveries to offset losses in member/contract tons. CRRRA anticipates spot waste to continue to increase through the rest of the fiscal year.
- DEP Certified Materials: favorable due to higher than expected volume of deliveries related to soil contracts.
- Metal Sales: due to favorable market condition.
- Recycling Sales: unfavorable due to more waste coming in as single stream and lower than budgeted contract rates. Effective March 2010, the new contractual payment rates are driven by market condition.
- Electricity: unfavorable due to lower than budgeted blended rate for the first 250,000,000 kwh sold. The actual kwh per ton of MSW processed is 495 kwh, which is lower than the budgeted rate of 523 kwh per ton. However, due to extensive repairs and improvements, boiler efficiency has improved, and management expects the tons processed and kwh sold to increase.
- Interest Income: unfavorable due to lower than budgeted interest rate. The budget assumed a 2% interest rate, but the average interest rate for the past nine months was below 1%.

### EXPENDITURES:

- General Administration: favorable due to lower than budgeted legal costs, other consulting services and the use of contingency fund.
- Waste Transport: favorable due to lower than expected export and diversion of waste and lower than budgeted ash disposal related to unscheduled boiler outages.
- Waste Processing Facility: favorable primarily due to lower than budgeted contract operating costs.
- Power Block Facility: favorable due to lower than budgeted revenue share, electricity, and contract operating costs and timing of the emission fee.
- Landfill-Hartford: favorable primarily due to lower than budgeted contract operating costs.
- Transfer Stations-Ellington & Essex: favorable due to reversal of prior period accruals related to operator contract claims.
- Jets/EGF: unfavorable due to higher than budgeted Jets and EGF contract operating costs and EGF contract capital expenditures.



## MID-CONNECTICUT PROJECT - FINANCIAL RESULTS

*For the Period Ending March 31, 2010*

	YTD Budget	YTD Actual	Favorable (Unfavorable) YTD Variance	FY10 Budget	Projection (9+3)
<b>REVENUES</b>					
Service Charges Solid Waste - Members & Contracts	\$ 38,352,874	\$ 34,598,651	\$ (3,754,223)	\$ 52,016,000	\$ 45,695,000
Use of Debt Service Stabilization Fund (a)	\$ -	\$ 2,821,537	\$ 2,821,537	\$ -	\$ 3,738,000
Subtotal	\$ 38,352,874	\$ 37,420,188	\$ (932,686)	\$ 52,016,000	\$ 49,433,000
Service Charges Solid Waste - Other Contracts	\$ 1,543,000	\$ 759,866	\$ (783,134)	\$ 2,079,000	\$ 1,627,000
Service Charges Solid Waste - Spot	\$ 674,000	\$ 727,265	\$ 53,265	\$ 908,000	\$ 1,502,000
Bulky Waste Municipal	\$ -	\$ 41,695	\$ 41,695	\$ -	\$ 49,000
DEP Certified Materials	\$ 113,000	\$ 455,656	\$ 342,656	\$ 150,000	\$ 464,000
Metal Sales	\$ -	\$ 887,950	\$ 887,950	\$ -	\$ 1,376,000
Recycling Sales	\$ 1,553,000	\$ 1,237,059	\$ (315,941)	\$ 2,071,000	\$ 1,647,000
Nonprocessable Waste - WPF	\$ 542,000	\$ 454,765	\$ (87,235)	\$ 722,500	\$ 686,000
Electricity	\$ 22,857,000	\$ 20,340,460	\$ (2,516,540)	\$ 23,983,000	\$ 22,525,000
Miscellaneous Income	\$ 300,000	\$ 206,921	\$ (93,079)	\$ 399,500	\$ 276,000
Interest Income	\$ 445,000	\$ 114,137	\$ (330,863)	\$ 593,000	\$ 147,000
Jets / EGF	\$ 5,069,000	\$ 5,187,010	\$ 118,010	\$ 6,314,000	\$ 6,432,000
Use of Prior Year Surplus (b)	\$ 6,719,000	\$ 6,718,500	\$ (500)	\$ 8,958,000	\$ 8,958,000
<b>TOTAL REVENUES</b>	<b>\$ 78,167,874</b>	<b>\$ 74,551,472</b>	<b>\$ (3,616,403)</b>	<b>\$ 98,194,000</b>	<b>\$ 95,122,000</b>
<b>EXPENDITURES</b>					
General Administration	\$ 6,680,000	\$ 4,590,878	\$ 2,089,122	\$ 8,907,208	\$ 7,245,000
Debt Service/Administration	\$ 3,281,000	\$ 3,276,244	\$ 4,756	\$ 4,375,000	\$ 4,368,000
Waste Transport	\$ 18,671,000	\$ 16,266,533	\$ 2,404,467	\$ 24,895,000	\$ 22,627,000
Regional Recycling	\$ 806,000	\$ 830,318	\$ (24,318)	\$ 1,074,012	\$ 993,000
Waste Processing Facility	\$ 17,933,000	\$ 16,686,124	\$ 1,246,876	\$ 24,114,480	\$ 23,538,000
Power Block Facility	\$ 13,740,000	\$ 12,513,021	\$ 1,226,979	\$ 18,320,000	\$ 17,517,000
Energy Generating Facility-PILOT Payment	\$ 1,376,000	\$ 1,314,691	\$ 61,309	\$ 1,835,000	\$ 1,753,000
Landfill - Hartford	\$ 2,134,000	\$ 1,579,158	\$ 554,842	\$ 2,845,300	\$ 2,634,000
Landfill - Ellington	\$ 956,000	\$ 847,599	\$ 108,401	\$ 1,274,300	\$ 1,239,000
Transfer Station - Ellington	\$ 347,000	\$ 147,920	\$ 199,080	\$ 462,000	\$ 263,000
Transfer Station - Essex	\$ 562,000	\$ 163,297	\$ 398,703	\$ 749,000	\$ 370,000
Transfer Station - Torrington	\$ 485,000	\$ 470,946	\$ 14,054	\$ 647,000	\$ 644,000
Transfer Station - Watertown	\$ 443,000	\$ 432,581	\$ 10,419	\$ 590,700	\$ 569,000
171 Murphy Road	\$ 68,000	\$ 51,890	\$ 16,110	\$ 91,000	\$ 87,000
Jets/EGF Expenditures	\$ 6,011,000	\$ 6,406,238	\$ (395,238)	\$ 8,014,000	\$ 8,743,000
<b>TOTAL EXPENDITURES</b>	<b>\$ 73,493,000</b>	<b>\$ 65,577,438</b>	<b>\$ 7,915,562</b>	<b>\$ 98,194,000</b>	<b>\$ 92,590,000</b>
<b>SURPLUS/(DEFICIT)</b>	<b>\$ 4,674,874</b>	<b>\$ 8,974,034</b>	<b>\$ 4,299,159</b>	<b>\$ 0</b>	<b>\$ 2,532,000</b>
<b>OPERATING ASSUMPTIONS</b>					
Total Project MSW Tons Delivered	591,318	587,947	(3,371)	800,000	796,205
Diverted / Exported MSW Tons	16,818	15,359	(1,459)	34,000	15,359
Processed Tons	574,500	571,083	(3,417)	766,000	781,000
Non-Processible Waste Tons (from Facility)	6,380	5,378	(1,002)	8,500	8,100
Ash Tons	127,500	111,479	(16,021)	170,000	154,000
Ash Percent	22.19%	19.52%	-2.67%	22.19%	19.72%
Process Residue Tons	75,000	70,051	(4,949)	100,000	103,800
Project Recyclables	60,000	62,343	2,343	80,000	83,000
Kwh Sold	300,750,000	282,875,634	(17,874,366)	401,000,000	387,833,924
Average Rate Per kwh <=250GW	\$ 0.0760	\$ 0.0719	\$ (0.0041)	\$ 0.0760	\$ 0.0719
Average Rate Per kwh >250GW	\$ 0.0330			\$ 0.0330	\$ 0.0330
Kwh Blended Rate				\$ 0.0598	\$ 0.0581

(a) Reflects a subsidy of \$6.00 per ton for towns that elected not to defer their subsidy.

(b) As required by contract.