



**MATERIALS INNOVATION AND
RECYCLING AUTHORITY**

A Component Unit of the State of Connecticut

CT GENERAL STATUTES SECTION 22a-263

QUARTERLY REPORT

FOR

QUARTER ENDING SEPTEMBER 30, 2016



Materials Innovation and Recycling Authority

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February 17, 2017

The Honorable Dannel P. Malloy
Governor
State of Connecticut
Executive Chambers
State Capitol
Hartford, CT 06106

RE: Connecticut General Statutes Section 22a-263
Quarterly Report of Materials Innovation and Recycling Authority Operations
For the Quarter Ending September 30, 2016

Dear Governor Malloy:


Attached please find the quarterly report of operations of the Materials Innovation and Recycling Authority¹ (the "Authority") for the First Quarter of Fiscal Year 2017 (July 1, 2016 through September 30, 2016) as required by Connecticut General Statutes Section 22a-263 (the "Statute").

The Authority operates the Connecticut Solid Waste System (CSWS) and separately maintains a Property Division and Landfill Division for reporting its other financial activities. The Authority's Mid-Connecticut and Southeast projects remain active only for close out purposes. Therefore, the Statute requirements are reported separately for each project and division.

If you have any questions on these or other matters, or if I may provide additional information, please contact me directly at 860-757-7777.

Best regards,

Thomas D. Kirk
President

cc: Mark Daley, Chief Financial Officer 
Laurie Hunt, Esq., Director of Legal Services
Deepa Krishna, Manager of Accounting and Financial Reporting
Jeffrey Duvall, Director of Budgets and Cash Management

¹ Formerly Connecticut Resources Recovery Authority

▪ A listing of the number and type of waste management service contracts entered into with local government units and persons, and the charges therefore; a listing of the contracts entered into for the services of private industry in the operation of systems and facilities:

Name	Type of Contract	Revenues	Project
		(Expenses)	
Alternative Resources, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Analytical Consulting Technology	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Arcadis, US, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
CK Environmental, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
D&B Engineers, LLC	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Daymark Energy Advisors, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Diversified Technology Consultants	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Fuss & O'Neill, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Gershman, Brickner & Bratton	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
GNCB Consulting Engineers, P.C.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Halloran and Sage	Agreement for Legal Services-Authority Budget	(\$50,000)	Authority
Halloran and Sage	Agreement for Legal Services-FOIA Complaint	(\$25,000)	Authority
Hatch Mott MacDonald	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
HDR Engineering, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Hooker & Holcombe	401k Plan Services Agreement	On Call	Authority
HRP Associates, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Kainen, Escalera and McHale, PC	Agreement for Legal Services-Employment Matters	(\$25,000)	Authority
Kleinschmidt Association	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
La Capra Associates, Inc.	For Wholesale Electric Rate Forecasts for the ISO New England Control Area	(\$8,500) Not-to-Exceed	Authority
Langan CT, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Loureiro Engineering Associates	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Milone & Macbroom, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Power Advisory, LLC	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Project Management Associates	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
TRC Engineering Corporation	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Van Zelm Heywood & Shadford, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
Zuvic, Carr Associates, Inc.	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	Authority
ADT Security Systems	Service & Repair DVR's for Watertown, Torrington, Essex, RRC and WPF	Term Sheet	CSWS
CWPM, Inc.	Agreement for Waste Transportation & Maintenance Svs at Essex & Watertown	(\$5,868)	CSWS
Eversource	Agreement for the Purchase of Sale of Renewable Energy Certificates	(\$19,500)	CSWS
Halloran and Sage	Agreement for Legal Services-CSWS	(\$50,000)	CSWS
Loureiro Engineering Associates	Agreement for Services for Consulting, Engineering and Land Surveying Services	(\$21,298) total for 3 yrs	CSWS

Name	Type of Contract	Revenues	Project
		(Expenses)	
Nextera Energy Resources, LLC	Agreement for South Meadows Resource Recovery Facility and Jet Turbine Facility	On Call	CSWS
Project Management Associates	Agreement for Engineering, Consulting and Power Product Professional Services	On Call	CSWS
TRC Environmental Corporation	Odor Monitoring-CT Solid Waste Systems	(\$30,000)	CSWS
USDA Wildlife Services	Cooperative Service Agreement	(\$31,000) Not-to-Exceed	CSWS
Daymark Energy Advisors, Inc.	Agreement for Services for Power Marketing Professional Services	(\$47,500) Not-to-Exceed	CSWS & Property Division
Halloran and Sage	Request for Legal Services-Landfill Division-General Counsel	(\$5,000)	Landfill
U.S. Solar Corporation	Access and Use Option Agreement	Revenue	Landfill
Cohn Birnbaum Shea	South Meadows Exit Strategy	(\$30,000)	Mid-Conn
Halloran and Sage	Agreement for Legal Services-MDC Arbitration	(\$250,000)	Mid-Conn
Kainen, Escalera and McHale, PC	Agreement for Legal Services-MDC Arbitration	(\$250,000)	Mid-Conn
Cohn Birnbaum Shea	Agreement for Legal Services for Stratford	(\$10,000)	Property Division
Halloran and Sage	Agreement for Legal Services-Property Division	(\$25,000)	Property Division
HRP Associates, Inc.	Agreement for Services for Power Product Professional Services	On Call	Property Division
Pfizer, Inc.	Agreement for Sales of Emission Reduction Credits	(\$39,000)	Property Division
Halloran and Sage	Agreement for Legal Services-Southeast Project	(\$10,000)	Southeast

Note:

Authority = MIRA general administrative expenses

CSWS = Connecticut Solid Waste System

Expenses are contracted amounts

Revenues are actual revenues earned.

STATUS OF OUTSTANDING BONDS ISSUED AS OF SEPTEMBER 30, 2016

PROJECT / Series	Moody's Rating	Standard & Poor's Rating	X= SCRF-Backed ¹	Dated	Maturity Date	Original Principal (\$000)	Principal Outstanding (\$000)	On Authority's Books (\$000)
SOUTHEAST PROJECT								
2010 Series A - Project Refunding ²	Aa3	AA	X	12/02/10	11/15/15	27,750	0	-
CORPORATE CREDIT REVENUE BONDS								
1992 Series A - Corporate Credit (CUSIP 207755HD4)	Ba1	NR	--	09/01/92	11/15/22	30,000	30,000	-
2001 Series A - Covanta Southeastern Connecticut Company-I	Ba1	NR	--	11/15/01	11/15/15	6,750	0	-
2001 Series A - Covanta Southeastern Connecticut Company-II	Ba1	NR	--	11/15/01	11/15/15	6,750	0	-
TOTAL PRINCIPAL BONDS OUTSTANDING							<u>30,000</u>	<u>-</u>

¹ SCRF = Special Capital Reserve Fund of the State of Connecticut.

² The 2010 Series A Bonds refunded the 1998 Series A Bonds originally issued in the amount of \$87,650,000 on August 18, 1998.

NR = Not Rated

A schedule of the amounts of waste received and processed in such facilities:

Facility	Tons Received for the Quarter Ending 9/30/16	Tons Processed for the Quarter Ending 9/30/16
CSWS	170,366	165,208

A budget showing the administrative expenses of the Authority:

Project / Division	Adopted FY2017 Budget (\$000)
CSWS	3,161
Mid-Connecticut Project	253
Property Division	590
Landfill Division	136
Total	4,140

A report of revenues of the Authority from all sources and of the redistribution of any surplus revenues:

	Revenues received for the Quarter Ending 9/30/16 (\$000) ⁽²⁾	Redistribution ⁽¹⁾ for the Quarter Ending 9/30/16 (\$000)	Accrual ⁽³⁾ for Redistribution for the Quarter Ending 9/30/16 (\$000)
CSWS ⁽³⁾	\$ 14,181	\$ -	\$ -
Landfill Division	\$ (18)	\$ -	\$ -
Mid-Connecticut Project	\$ 16	\$ -	\$ -
Property Division	\$ 2,674	\$ -	\$ -
Southeast Project	\$ -	\$ -	\$ -

⁽¹⁾ There was no redistribution as of 9/30/16.

⁽²⁾ Revenues include Operating, Investment and Other income

⁽³⁾ There are no accruals for the redistribution as of 9/30/16.

Note: Member tipping fees are established based on the municipality's tiered contractual arrangement.

The tiered rates for FY17 are as follows:

<i>Tier 1 short-term</i>	\$	66.00
<i>Tier 1 long-term</i>	\$	64.00
<i>Tier 2</i>	\$	66.00
<i>Tier 3</i>	\$	64.00
<i>Tier 4</i>	\$	66.00

The non-member tipping fees vary by individual contract.

A listing of towns participating in the Authority's Connecticut Solid Waste System.

Tier 1 Long (MSW & Recycling)

Avon
Bethlehem
Bloomfield
Canaan
Canton
Clinton
Colebrook
Cornwall
Deep River
East Granby
East Hampton
Ellington
Essex
Farmington
Granby
Glastonbury
Goshen
Harwinton
Killingworth
Litchfield
Lyme
Marlborough
Norfolk
North Canaan
Old Lyme
Old Saybrook
Portland
Rocky Hill
Roxbury
RRDD#1 (a)
Torrington
Watertown
Wethersfield

Tier 1 Short (MSW & Recycling)

Beacon Falls
Haddam
Hartford
Middlebury
Oxford
Woodbury

Tier 1 Short (MSW only)

Durham
Middlefield
Naugatuck
Salisbury
Sharon
Simsbury

T2 (MSW Only)

Manchester

T3 (MSW & Recycling)

Chester
Thomaston

T4 (MSW & Recycling)

East Hartford

(a) Includes Barkhamsted, Winsted, New Hartford

A. Listing showing the location of all facilities owned or leased by the Authority:

MIRA Owned Property				
Street Address	City	State	Zip	Property Use
6 Howard Avenue	Bridgeport	CT	06604	MIRA owns land only
171 Murphy Road	Hartford	CT	06114	Adjacent to CSWS Recycling Center
211 Murphy Road	Hartford	CT	06114	Recycling Center and Trash Museum
300 Maxim Road	Hartford	CT	06114	Constitutes the CSWS Waste-to-Energy Facility
1 Reserve Road	Hartford	CT	06114	WPF Facility
1 Reserve Road	Hartford	CT	06114	Jets Facility
Vista Drive	Torrington	CT	06790	Torrington Transfer Station
Echo Lake Road	Watertown	CT	06795	Watertown Transfer Station
1410 Honeyspot Road Extension	Strafford	CT	06615	Closed July 1, 2013
140/217 Sadds Mill Road	Ellington	CT	06029	Recycling Center and Garbage Museum
866 River Road (Route 110)	Shelton	CT	06484	Ellington Landfill and Transfer Station
109 Nichols Drive	Waterbury	CT	06708	Shelton Landfill
Pent Road	Wallingford	CT	06492	Waterbury Landfill
				Adjacent to the Wallingford Landfill
MIRA Leased Property				
Street Address	City	State	Zip	Property Use
Town Dump Road	Essex	CT	06442	Owned by the Town of Essex
100 Constitution Plaza (5th and 6th floors)	Hartford	CT	6103	Essex Transfer Station Office Space
MIRA Property with access agreements				
Street Address	City	State	Zip	Property Use
189 Leibert Road	Hartford	CT	06120	Stopped Operating 12/2008
				Hartford Landfill
				See note(E) below

(A) Ellington Landfill Site consists of the following:

1. Landfill proper (27 acres)
2. MIRA owns adjacent parcel upon which Transfer Station is located (14 acres) Ellington Transfer Station
3. MIRA owns former Thompson Family Land Trust property: 58 acres (plume control)
4. MIRA owns former Art Barber property: 20 acres (plume control)
5. MIRA owns former Charette property: 1.3 acres (plume control)
6. MIRA owns former B&L Dev Corp property: 5.3 acres (plume control)

(B) Shelton Landfill Site consists of the following:

1. Landfill proper (SMUs = 49 acres; entire property = 110 acres)
 - a. Includes 1.2 acres leased to City of Shelton for Muni Transfer Station Operation
2. MIRA owns Former Crump Parcel: 6.3 Acres (Plume control)

(C) Waterbury Landfill Site includes the following:

1. Landfill is owned by MIRA (5.2 acres)
2. Adjacent Property (11.8 acres) MIRA retains the property for the benefit of the Bridgeport Project Municipalities

(D) Wallingford Landfill Site includes the following:

1. Former Barbarino Property: 45 Acres (Plume control) (Algonquin Gas Line Easement)

(E) Hartford Landfill Site includes the following:

1. Landfill is owned by City of Hartford (SMUs = 96 acres; entire parcel = 124 acres) Owned by City of Hartford
- Hartford landfill is certified closed as of 2/15. MIRA has installed owns and operates a photovoltaic solar panel system location on a portion of the property and therefore MIRA has entered in to a site access agreement with City of Hartford.