



MATERIALS INNOVATION AND RECYCLING AUTHORITY



MIRA'S CONNECTICUT SOLID WASTE SYSTEM
**PROJECT REDEVELOPMENT STATUS
UPDATE AND OPERATIONS PLAN
FY 2023**

**MIRA REPORT TO THE TOWNS
MARCH 16 2022**



Presentation to the Municipalities

March 16 2021

2

Welcome

MIRA Management

Tom Kirk	President/CEO
Mark Daley	Chief Financial Officer
Peter Egan	Director of Operations
Laurie Hunt	General Counsel

MIRA Board of Directors

Don Stein, Chairman
Jim Hayden, Vice Chair
Carl Fortuna
Len Assard
Rich Soderman
Ed Mone
Bert Hunter
Sue Weisselberg
Dave Stueber
Luke Bronin (Hartford Ad Hoc)
Tom Swarr (Hartford Ad Hoc)

- To inform and prepare municipalities for the changes in MIRA's Connecticut Solid Waste System (CSWS)



- ✦ Provide FY2023 rate information for MIRA's Municipal customers' waste disposal and recycling services
- ✦ Review the State and regional waste disposal market
- ✦ Review Connecticut's waste policy and infrastructure status and anticipated changes.
- ✦ Describe MIRA disposal planning for 2023 through 2027
- ✦ Decision point for towns March 28

- CT is in a Waste Disposal Crisis
 - Continued operation of the TtoE facility is not viable
 - ✦ The State declined to provide capital to refurbish the facility
 - ✦ Private sector will not invest due to inadequate ROI
 - Policy preferred disposal facilities are closing (Wallingford RRF, Sterling RRF, South Meadows RRF, others soon?)
 - Landfill Disposal Capacity in the Region is shrinking rapidly.
 - Recycling and waste reduction (PAYT, EPR, organics diversion, etc.) though useful, CANNOT eliminate the need for Large scale disposal infrastructure in CT.
 - ~1,000,000 tons of CT MSW /year is headed to western and southern landfills for the foreseeable future.
 - A policy review and legislative action is warranted: (HB 5298, SB 277)
 - ✦ Public investment policy for large scale disposal infrastructure
 - ✦ Renewable energy credits use and value
 - ✦ Environmental and public health impact of waste transportation policies
 - ✦ Value of Disposal self sufficiency

Fiscal Year 2023 MSW Tipping fees:

Applicable for all municipal controlled and private controlled waste in MSA member municipalities delivered to any MIRA facility.

- **MSW Disposal**
 - ✦ MSA Towns with Signed amendment \$111/ton (\$5 lower than amendment previously distributed)
 - ✦ MSA Towns declining Amendment \$116/ton
- **Recycling:**
 - ✦ All MSA Towns: Single and Dual Stream \$0/ton
- **MSW Spot (no firm capacity or commitment)** Market rate

- Prices are FOB at MIRA facilities in Hartford, Torrington, Watertown and Essex.
- Prices are 'Net cost of Service'-non profit

MSW

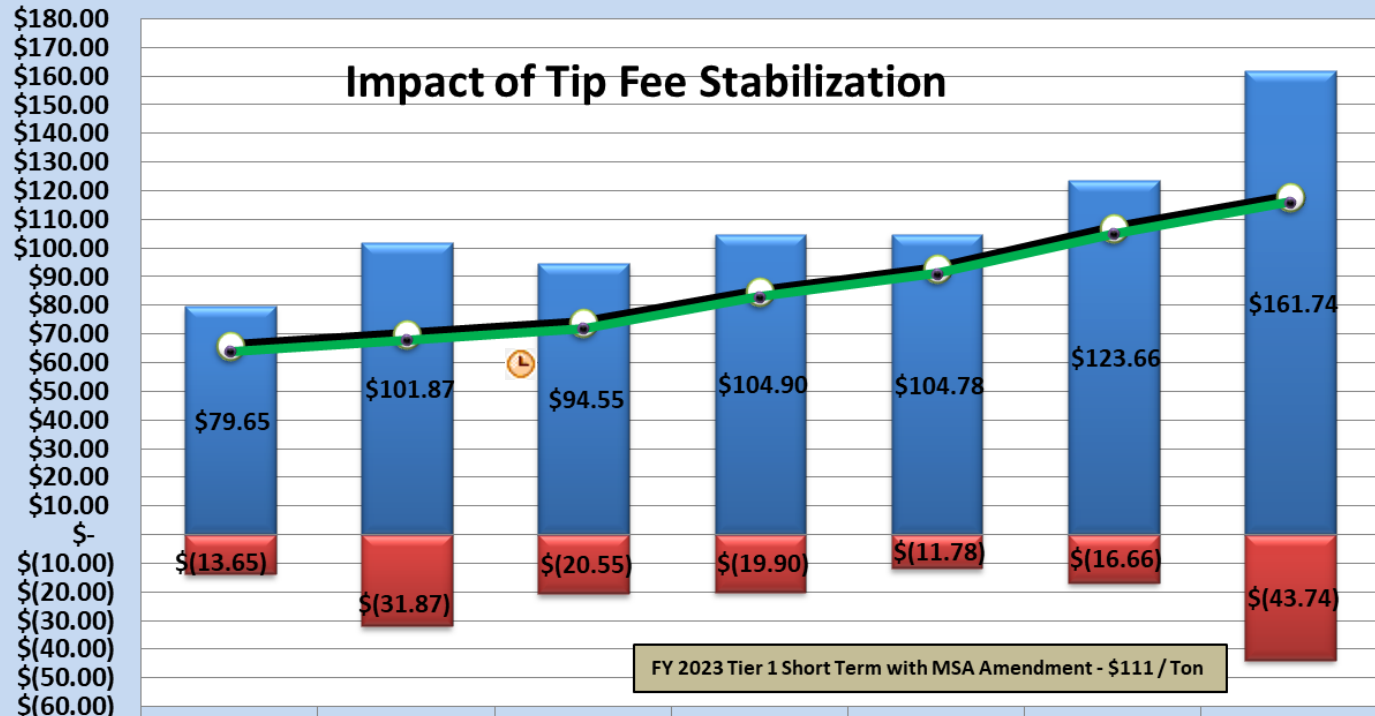
- *Actual* Net cost of MIRA's Municipal disposal is higher than the posted tipping fee.
- Tipping fee of \$111/ton, is subsidized by MIRA's Non-Project revenues (Jet Engine peaking generators and reserves).
- Absent subsidy the MIRA's T to E tipping fee may be premium priced versus Export/Landfill alternatives in the short term.
- Long term availability and costs of an export strategy cannot be assured in the long term.
 - ✦ Landfill capacity is diminishing and recipient states may not continue to welcome NE region waste!

(Note: MIRA has procured 5 year capacity commitments for all MIRA town waste)

MSW Tipping Fee Subsidy

7

Cost Per Aggregate Ton of Participating Town Waste



	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Uniform Rate Before Subsidy	\$79.65	\$101.87	\$94.55	\$104.90	\$104.78	\$123.66	\$161.74
Subsidy / Stabilization Funding	\$(13.65)	\$(31.87)	\$(20.55)	\$(19.90)	\$(11.78)	\$(16.66)	\$(43.74)
Adopted Uniform Rate	\$66.00	\$70.00	\$74.00	\$85.00	\$93.00	\$107.00	\$118.00
Tier 1 Long Term	\$64.00	\$68.00	\$72.00	\$83.00	\$91.00	\$105.00	\$116.00

Recycling: No Change

MSW: Dependent upon Town Opt-outs and MSA amendment participation. MIRA aggregate tonnage will impact operations plan.

- Torrington and Watertown Patrons: Transfer of waste via truck to PA Landfill
- Essex Patrons: Transfer via truck to Preston Trash to Energy Facility
- Hartford Patrons: TBD, Potential options include:
 - ✦ Transfer from South Meadows to landfill disposal
 - ✦ Trash to energy (limited plant operation)
 - ✦ Diversion to MIRA transfer stations
 - ✦ Diversion to Private transfer sites

- Municipalities have a statutory obligation to insure Waste disposal capacity and should determine what is in the best interest of the town.

Options include:

1. Do Nothing

- Status quo. Town retains exclusive opt out, Pay \$116/ton for FY2023, Assured disposal through 2027 at net cost.

2. Agree to MIRA MSA amendment

- Town retains exclusive opt out at new market trigger point, Pays \$111/ton for FY 2023, enjoys discounted fee through 2027 and subsidy.

3. Opt Out by March 28th

- Find alternative disposal by July 1 for all town waste
- Find alternative Recycling processing by July 1
- MIRA disposal and processing may be available at higher prices.

IMPORTANT: Towns MUST decide to OPT OUT (or not) by March 28th latest!

- CT Statutes 22a-268

MIRA must "... retain overall supervision and control of the business, design, operating, management, transportation, marketing, planning and Research and development carried out or performed...

- In Best Interest of Municipalities*
 - Public ownership and governance of public facility*
 - Charge Reasonable fees*
 - Use of Surplus Revenue:*
 - ✦ To reduce the cost of service to the Municipalities. *
 - ✦ Equitable Redistribute Surplus Project Revenues. * - Options to Exit and Term Length
 - Minimal Disposal Fee for Single Stream Recycling
 - Uniform Disposal Fee for all participating towns
- Statutes do NOT provide for Public infrastructure investment or preferred treatment for municipalities; Renewable Credits, Pricing, Terms etc.

*Statutory Requirement

In Conclusion:

- All MIRA Towns enjoy ASSURED Net costs of service disposal and recycling services through June 2027
- Towns continue to enjoy **ANNUAL** MSA exit option at their discretion (Opt-Out)
 - (opt-out trigger price depends upon participation in MSA amendment)
- MIRA will keep Towns apprised of future disposal plans and developments.
- In the event the Legislature revisits this issue, we will reach out to you for help in insuring the general assembly is informed and focused on the best path forward.

Thank you for your patronage. As always, let us know of concerns and problems or suggestions on how we can better serve you.

Questions?

Thank You

Tom Kirk , President for
MIRA Board of Directors

