



Mattress Recycling Council

Connecticut Mattress Recycling Program COLLECTION GUIDELINES

CONTACTS

MRC Program Coordinator

Kate Caddy

571-279-7366

kcaddy@mattressrecyclingcouncil.org

Please contact MRC directly with any questions, concerns, or if you need additional information.

Assigned Transporter

Assigned Recycler



501 Wythe Street

Alexandria, VA 22314

www.mattressrecyclingcouncil.org

TABLE OF CONTENTS

2.....	Program Materials
5.....	Mattress Collection & Handling
7.....	Transportation & Processing
8.....	Recordkeeping
8.....	Program Withdrawal & Termination

About the Mattress Recycling Council

The Mattress Recycling Council (MRC) is a non-profit organization established by the mattress industry to develop and operate the Connecticut mattress recycling program. MRC submitted an implementation plan to the Connecticut Department of Energy and Environmental Protection (CT DEEP) on July 1, 2014. The plan was approved on December 31, 2014. The Connecticut mattress recycling program will begin on May 1, 2015.

MRC has contracted with service providers to transport mattresses for recycling from collection sites throughout the state. This Program is funded by recycling fees collected when Connecticut consumers buy a mattress or box-spring (aka foundations). For simplicity, we will refer to both mattresses and box-springs as just mattresses. These Guidelines describe the Program and what your facility needs to do to participate. These Guidelines may also be subject to change.

Public Law

In 2013, Connecticut enacted Public Act 13-42, later amended by Public Act 14-170, which requires mattress manufacturers to create a recycling program for mattresses discarded in the state. The mattress industry created MRC to fulfill these requirements.

What MRC Provides

Staff at all participating collection sites must be knowledgeable regarding these Guidelines before accepting mattresses.

The MRC program will provide the following to participating municipalities:

- A collection container to store mattresses that is appropriate for the number of mattresses that the collection site expects to generate and the site's available space.
- Transportation from the municipal collection site to a contracted recycler
- No-cost mattress recycling services

PROGRAM MATERIALS

ACCEPTABLE

Only mattresses used and discarded in Connecticut can be accepted by the Program. Below are mattresses that are acceptable by the program.



A participating collection site may not charge for mattresses that are dropped off at its site and recycled through the Program, but may charge for the service of collecting a mattress at curbside or through other means that is then taken to a collection site for recycling.

UNACCEPTABLE

- Severely damaged, twisted, wet, frozen or soiled mattresses
- Mattresses infested with bed bugs or other living organisms
- Sleeping bags
- Pillows and cushions
- Loose bedding, blankets or sheets
- Car beds
- Juvenile products, i.e., a carriage, basket, dressing table, stroller, playpen, infant carrier, lounge pad, or crib bumper
- Water beds
- Camping air mattresses
- Fold-out sofa beds
- Futons and furniture
- Loose mattress pads and toppers



Mattress Inspection and Examination

Facility staff should screen incoming mattresses to determine whether they are suitable for recycling and should remove mattresses that are:

- Excessively wet or frozen
- Severely twisted, punctured or crushed
- Infested with bed bugs or other living organisms
- Exceptionally soiled or moldy

Mattresses not suitable for recycling should be disposed of through your existing solid waste stream.

Bed Bug Identification

Mattresses and box springs infested with bed bugs are unacceptable for recycling and should be disposed of through your existing solid waste stream. Staff at collection sites should evaluate program materials for evidence of bed bug infestation.



Bed bugs are tan to brown in color, but may appear redder if they have fed.

Adult Bed Bugs are dorsally flat insects, broadly oval, and the size of an apple or melon seed (1/4").

Nymphs look like adults in shape but are smaller.

Eggs are white and barrel shaped.

Signs of bed bug activity may be more obvious than the insects themselves. Look for clusters of dark spots or smudges on mattresses (fecal spots), especially along seams. Eggs, shed skins, and all life stages of bed bugs may also be present in these 'soiled' areas.



For more information on bed bugs, please refer to the resources made possible by the Connecticut Coalition Against Bed Bugs at www.ct.gov/caes/CCABB

MATERIALS COLLECTION & HANDLING

Each collection site will have unique operational considerations. Participating facilities must make their own decisions about how to best manage their operations in the safest manner possible in accordance with applicable laws. At a minimum, each participating site must meet these requirements:

MINIMUM PROGRAM REQUIREMENTS	
SITE	Each collection site must be secure with adequate space and staffing to handle and store acceptable mattresses.
PERMITS	Each collection site must have knowledge of, and comply with all applicable federal, state and local laws. These may include, but are not limited to, zoning requirements, state permit requirements, and OSHA or other workplace requirements. Please contact CT DEEP’s general permitting information line at 860-424-3366 to confirm whether your site is in compliance with all applicable notifications or requirements for accepting mattresses for recycling at your site.
INSURANCE	Each collection site must maintain general liability insurance of at least \$1,000,000 per occurrence.
TRAINING	Staff at each collection site must be trained and knowledgeable regarding these Guidelines before accepting mattresses for recycling.
STORING & LOADING MATTRESSES <i>See page 6 for photos and guidelines</i>	<p>A collection site that has a CT DEEP General Permit for Municipal Transfer Stations must store program materials in weather proof containers, or under cover, to maximize their recyclability. In addition, all collection sites must:</p> <ul style="list-style-type: none"> • Make every effort to place mattresses in MRC-designated storage containers immediately upon acceptance • Keep mattresses intact and not intentionally crush or puncture them • Efficiently stack mattresses to maximize the number of units loaded in each storage container • Provide oversight to keep unacceptable items out of MRC-designated storage containers • Remove any non-program materials from MRC-designated storage containers before transport to MRC recyclers • Practice good housekeeping standards, and keep storage containers and program materials in a neat and orderly condition
SITE ACCESS	Collection sites must allow MRC access to confirm compliance with these Guidelines.

Loading Mattresses in Storage Containers

Container Type	Number of Mattresses
20-foot sea container	25-40
30-yard roll-off container	25-35
40-yard roll-off container	25-40
48-foot trailer	110-180
53-foot trailer	125-190

Expected number of mattresses that should fit in various container sizes



Mattresses and box springs must be packed as efficiently as possible to maximize the number of units in each container.

Left: *An example of how mattresses can be stacked vertically in a container.*

Bottom Left & Right: *Examples of how mattresses should be stacked horizontally in a trailer or container.*



TRANSPORTATION AND PROCESSING

Transporters

MRC will assign each collection site a transporter to provide a storage container and transport services. The contact information for your assigned transporter is included in the Contacts section on the first page of these Guidelines.

- MRC contracted transporters will provide participating locations with evidence of automobile insurance coverage of at least \$1,000,000 per occurrence
- Each collection site should notify transporter at least 2 business days before a storage container is full of mattresses
- The assigned transporter will pick up full containers within 2 business days of notification and drop off an empty container at the same time
- On the scheduled pick up day, the collection site must make the collection container readily accessible to the transporter
- At the time of pick-up, collection site staff must be present to sign a three-part Bill of Lading (BOL) supplied by the transporter that details the quantity of mattresses in the container, and must provide appropriate copies of the BOL to the transporter

A collection site may choose to provide its own storage containers and transportation at its own cost. MRC requests that such sites contact MRC in advance to schedule a convenient drop-off time.

Recyclers

MRC currently uses two mattress recyclers to process mattresses discarded in Connecticut. The contact information for your assigned recycler is included in the Contacts section on the first page of these Guidelines.

- A municipal collection site may only use its assigned recycler
- Your assigned transporter will deliver program materials from your site to the assigned recycler

Recyclers under contract with MRC must meet established standards and quantify all mattresses it receives, the mattress components it recycles (e.g, foam, steel, wood, fiber, etc), and any residual disposal.

RECORDKEEPING

Bill of Lading:

A Bill of Lading (BOL) will be provided by the transporter. Before a full container leaves the site the BOL must be completed and signed by facility staff. Following is a sample BOL and required information:

BILL OF LADING Date: _____
Unique BOL #: pre-printed #

Collection Site/ Generator _____

Name: _____

Address: _____

Type of Collection Site: municipal transfer station mattress retailer other _____

Collection Container Type: 20 ft. sea container 30 yd. roll-off 40 yd. roll-off
 53 ft. trailer other: _____

Collection Site Count: _____ Mattress and Box Spring Units: _____

Collection Site Certified Net Weight (if available): _____ lbs.

I hereby certify that to the best of my knowledge, the above information is accurate, and all of the products described in this document were used and discarded in Connecticut.

Name (print), Title Signature Date

Transporter _____

Company Name: _____

Address: _____

Truck #: _____

Name (print), Title Signature Date

Date: _____ Company Name: _____

Address: _____

Recycler Count: _____ Mattress Units: _____ Box Spring Units: _____

Net Weight of all Mattress and Box Spring Units: _____ lbs.

Comments/Count Discrepancies: _____

I hereby certify that to the best of my knowledge, the above information is accurate, and all of the products described in this document were used and discarded in Connecticut.

Name (print), Title Signature Date

PROGRAM WITHDRAWAL & TERMINATION

A collection site's participation in the Connecticut mattress recycling program is voluntary. Either party may withdraw from participation with 30 days notice to the other party. MRC reserves the right to remove any collection site not in compliance with these Guidelines from further participation in the Program.