



The Metropolitan District's

2014

Household Hazardous Waste Collection Program

(860) 278-3809

HHW@themdc.com

www.themdc.com

Dear Resident:

It's that time of year again. The Metropolitan District is sponsoring the Household Hazardous Waste (HazWaste) Collection for the 23rd consecutive year! Since 1992, over 1,000 tons of hazardous waste have been kept out of the environment and, instead, diverted to responsible waste treatment or recycling facilities by the HazWaste Program. Participating in the program just might be the most important thing you do all year!

If you don't think you have hazardous waste, think again. Right now there are potentially dangerous materials lurking throughout your home. Even everyday products, like solvents and cleaners can pose serious health risks if swallowed, inhaled, or mishandled. Just think how often the containers for these products leak or are spilled!

The MDC sponsors this Household HazWaste Collection Program to provide residents of participating towns with a safe, convenient, and environmentally responsible way to dispose of their Household HazWaste. The MDC urges you to participate in any of the Household HazWaste Collections it will hold this year. Protect the value of your home and the health of your kids, your spouse, your pets, and the environment by participating in the MDC's Household HazWaste Collection Program.

If you are interested in volunteering for the next collection day your town's hosting, call or email the Metropolitan District's Household HazWaste Coordinator at (860) 278-3809 or HHW@themdc.com.

Sincerely,

The MDC Household HazWaste Program Staff

Please note this program was designed to help homeowners dispose of common household chemicals and waste generated by everyday use and small home improvement projects. For projects requiring a contractor, make arrangements for disposal with them or a disposal contractor before work begins. Do not bring the waste to a collection!

IMPORTANT NOTICE FOR RESIDENTS WHO CURRENTLY OR FORMERLY OPERATED A SMALL BUSINESS OR FARM!!

The CT DEEP recently clarified the classification of waste from current and former businesses. Any waste generated by a business needs to be handled as small business waste, even if the business no longer exists. Small businesses or "Conditionally Exempt Small Quantity Generators" (CESQGs) have to meet certain guidelines and follow different rules than residents. If you wish to dispose of hazardous waste from a farm or business you must follow the CESQG rules and make an appointment with Clean Harbors to drop-off your waste at one of the MDC's collections. CESQGs are charged a fee for the disposal of their waste. Please call the HazWaste Hotline (860) 278-3809 for more information and to request a Small Business Package. Please note, if your business generates more than 220 pounds or stores more than 2,000 pounds of hazardous waste you may not be eligible for this program. Please see the Small Business Package for more information.

SPECIAL NOTICE

The MDC's HHW program changed significantly in 2013. The number of participating towns was reduced from 28 to 11 towns. **The MDC will require each resident to show identification at each collection.** Residents from towns that are NOT participating in MDC's HHW program will be given contact information for attending a household hazardous waste program through their own town. We apologize for any inconvenience.

Please see the table below to determine if your town is a participating town in the MDC's HHW program.

✓ PARTICIPATING TOWNS ✓	NON-PARTICIPATING TOWNS SINCE 2013
BLOOMFIELD	Ansonia
EAST GRANBY	Avon
EAST HARTFORD	Canton
FARMINGTON	Cromwell
HARTFORD	Derby
NEWINGTON	Durham
ROCKY HILL	East Hampton
WEST HARTFORD	East Windsor
WETHERSFIELD	Ellington
WINDSOR	Enfield
WINDSOR LOCKS	Granby
	Middlefield
	Middletown
	Portland
	Simsbury
	Seymour
	South Windsor

If you have any questions regarding your town's participation in the program, please call your town hall, MDC HHW Hotline at (860) 278-3809, or email HHW@themdc.com.

Thank you,
MDC HHW Program Coordinator

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Rules For Bringing Waste To A Collection Day

STAY IN YOUR VEHICLE WHILE THE CHEMICALS ARE REMOVED!!

This is for your safety and is required by our contractor's CT DEEP permit.
We will take care of everything, so just sit back and relax.

- **ID'S WILL BE CHECKED TO VERIFY RESIDENCY.**
- Bring your waste in their original containers whenever possible or label containers with their contents. Please make sure all containers are closed. It is dangerous to transport open containers.
- If a container is leaking, place it in a larger non-leaking, covered container and then label the container.
- Do not mix different products.
- Collect your waste containers in **disposable** boxes or bins, which should be transported in your trunk. Do not put your Household HazWaste in the backseat with your children or pets.
- **NO SMOKING IN YOUR CAR!** Most wastes are flammable.
- Bring something to read, the wait is usually 5-15 minutes, but can be up to 30 minutes (and at the very large collections sometimes longer).
- If possible, leave children and animals at home.
- Remove other items from your car or trunk that could be mistaken as Household HazWaste.

2014 MDC Household Hazardous Waste Collection Schedule

(Collections are held on Saturdays* from 8 a.m. - 1 p.m.)

<u>DATE</u>	<u>TOWN</u>	<u>LOCATION</u>
May 3, 2014	Newington	Town Garage, 281 Milk Lane (off Fenn Road)
May 10, 2014	Farmington	Farmington High School, 10 Monteith Drive
May 31, 2014	Hartford	ML King School, Corner of Westbourne Pkwy and Blue Hills Ave
June 7, 2014	Windsor	Poquonock WPCF, 1222 Poquonock Avenue
June 22, 2014*	West Hartford	Emanuel Synagogue, 160 Mohegan Drive
June 28, 2014	Wethersfield	Webb School, 51 Willow Street
Sept. 6, 2014	Bloomfield	Public Works Building, 21 Southwood Drive
Sept. 13, 2014	Rocky Hill	Rocky Hill WPCF, 80 Goff Brook Lane
Sept. 27, 2014	West Hartford	Public Works Garage, Oakwood Ave Ext off New Park Ave
Oct. 18, 2014	East Hartford	East Hartford WPCF, 65 Pitkin Street
Oct. 25, 2014	Windsor Locks/E. Granby	Public Works Garage, 6 Stanton Road, Windsor Locks

(WPCF = Water Pollution Control Facility)

* One collection is held on **Sunday** June 22, 2014

ONLY RESIDENTS OF THE FOLLOWING TOWNS MAY PARTICIPATE IN ANY MDC SPONSORED COLLECTION DAY.

- Bloomfield
- East Granby
- East Hartford
- Farmington
- Hartford
- Newington
- Rocky Hill
- West Hartford
- Wethersfield
- Windsor
- Windsor Locks

ATTENTION! There has been a reduction in the number of participating towns in the MDC Household Hazardous Waste Collection Program. If you do not see your town listed above please contact your town's Public Works Department for household haz waste information.

Identifying Household Hazardous Waste

Many common products that we use contain hazardous chemicals that, with repeated or excessive contact, may lead to lung problems, brain and nerve damage, cancer and even death. A product is considered hazardous if it's:

- **TOXIC** - can injure or kill if swallowed, inhaled or absorbed through the skin
- **FLAMMABLE** – ignites easily and burns rapidly
- **CORROSIVE** - can cause permanent tissue damage through contact
- **REACTIVE** - creates an explosion or produces deadly vapors

Other labels for hazardous materials are caustic, combustible, oxidizer, and poison. You can learn to avoid these chemicals by reading the labels. The following signal words are used to categorize hazardous materials.

- **Danger** and **Poison** are the most hazardous, with doses of 1 drop to 1 teaspoon being lethal.
- **Warning** is applied to chemicals considered toxic with lethal doses between 1 teaspoon and 1 tablespoon.
- **Caution** is the least toxic category with lethal doses between 1 ounce and 1 pint.

These signal words will be near a phrase that describes the nature of the hazard, such as “vapors harmful” or “extremely flammable”. Common household hazardous wastes, which can be brought to a scheduled collection day, are listed on Page 3. This list is not all encompassing; there may be other hazardous items or chemicals in your home. Call the HazWaste Hotline (860) 278-3809 or email us at HHW@themdc.com if you are not sure about an item.

What Happens To The Items Brought To The Household HazWaste Collection?

Recycling – Antifreeze, rechargeable batteries, lead-acid batteries, fluorescent bulbs, some mercury, propane tanks, and fire extinguishers may be reprocessed into useful products.

Fuel Blending – Solvents not suitable for recycling, some paints, kerosene, gasoline, and other flammable or combustible liquids will be blended to make fuel for industrial kilns or boilers.

Incineration – Most paints, pesticides, herbicides, aerosol cans, cleaners, waxes, and flammable materials not suitable for recycling or fuel use will be burned in special high temperature incinerators equipped with air pollution monitoring instruments and control devices. Cyanides, acids, bases, and oxidizers are also incinerated because the HHW contractor has found this type of waste often contains contaminants when collected from residents. The contaminants interfere with the chemical treatment process normally used for these types of wastes.

Fixation/Stabilization – Some liquids will be treated to make their hazardous constituents immobile.

Landfills – Most untreated Household HazWaste is already prohibited from landfills. EPA is now phasing in regulations which will assure that untreated household hazardous waste will not be sent to landfills – only residues from waste treatment.

Earth 911

At Earth 911's web site <http://www.earth911.org>, people can use a zip-code based recycling locator and environmental resource portal for information on how and where to recycle in their communities. U.S. residents can find local recycling centers for various household items such as batteries, used motor oil and tires.

Household Hazardous Wastes ACCEPTED ✓

✓ Acids	✓ Disinfectants	✓ Kerosene and Fuel Oil	✓ Pesticides
✓ Adhesives	✓ Drain Cleaners	✓ Latex / Oil Paint	✓ Polyurethane
✓ Aerosols	✓ Epoxy Products	✓ Lighter Fluid	✓ Pool Chemicals
✓ Alkaline Batteries	✓ Flea Repellants	✓ Lithium Batteries	✓ Power Steering Fluid
✓ Ammonia	✓ Floor Care Products	✓ Mercury	✓ Rechargeable Batteries
✓ Antifreeze	✓ Fluorescent Bulbs*	✓ Mercury Switches	✓ Road Flares
✓ Ant sprays and baits	✓ Fungicides	✓ Mercury Thermometers	✓ Transmission Fluid
✓ Artist's Paints	✓ Gasoline and Diesel	✓ Mercury Thermostats	✓ Turpentine
✓ Brake Fluid	✓ Glues	✓ Moth Balls	✓ Wood & Metal Polishes
✓ Cleaning Solvents	✓ Herbicides	✓ Oven Cleaners	✓ Wood Preservatives
✓ CFLs*	✓ Insecticides	✓ Paint Strippers/Thinners	✓ Wood Stain

Other Acceptable Items:

Asbestos –	This includes some types of insulation, shingles, and tiles. Only a small quantity of asbestos can be accepted and the material <u>must</u> be dampened and double bagged. Call (860) 278-3809 or email HHW@themdc.com to notify the HazWaste Coordinator that you are bringing asbestos containing material to a collection or to request an asbestos information pamphlet (See Page 9). The Coordinator retains the right to reject this material if prior approval was not received.
Chemistry Sets –	Old chemistry sets can contain some very hazardous materials. Call (860) 278-3809 or email HHW@themdc.com to notify the HazWaste Coordinator that you are bringing an old chemistry set to a collection.
*CFLs, Fluorescent & other Mercury Bulbs	Place in a container or tie bulbs together to prevent them from breaking during transport. Do not put bulbs in the same container as batteries.
Frying Oil –	Oil must be brought in a rigid plastic container (no larger than 5-gallons) with a screw top lid.
Lead Paint Chips – & Sand Blasting Grit	Contact the HazWaste Coordinator at (860) 278-3809 for approval before bringing the material to a collection The Coordinator may reject this material if prior approval was not received.
PCB Ballasts – & Capacitors	Ballasts must be removed from the light fixture. Capacitors must be removed from the appliance.

Special conditions apply to any products stored in 55-gallon drums and the MDC HazWaste Coordinator must give prior approval before the waste can be brought to a collection. **The Coordinator has the right to reject this material if prior approval was not received.

Facts About Household HazWaste

FACT: Americans generate 1.6 million tons of Household HazWaste per year.

FACT: The average household generates approximately 30 pounds of Household HazWaste.

FACT: These products can jeopardize your family's health if improperly used or stored.

FACT: They can pollute our air, land, and water supplies, if they are thrown in your regular trash, on the ground, down your sink or toilet or into a storm drain.

It is illegal to dump hazardous materials on the ground or down storm sewers. Call the local police or CT DEEP (860) 424-3338 to report violations.

BATTERIES

The MDC now accepts all household batteries (not car or motorcycle batteries) at its collections. The first step in determining what type of battery you have is simple; read the battery label. The rechargeable and non-alkaline batteries typically specify what type they are on their labels.

Bringing your batteries to a Household HazWaste Collection? Please separate them into three groups:
 1. Household Batteries (Alkaline); 2. Lithium and Button Cells; and 3. Rechargeable Batteries.
 Certain batteries have specific packaging requirements and our contractor spends a lot of time sorting batteries.

Alkaline batteries are used to power many household products like flashlights, stereos, and toys. Most of these batteries are not labeled as alkaline. A good rule of thumb is, if it's not labeled as a rechargeable or lithium battery and it looks like a regular battery, it is an alkaline battery.



Button cell batteries found in watches, hearing aids, small clocks, and gadgets are also non-rechargeable. They may be lithium, silver oxide, or zinc air.

Non-rechargeable lithium batteries are not always button cell sized. The lithium batteries used in cameras and other electronics come in several varieties.



There are several different types of rechargeable batteries including Nickel Metal Hydride (Ni-MH), Nickel Cadmium (Ni-Cd), Lithium-ion (Li-ion), and small sealed lead-acid (Pb). Once again, to determine what type of battery you have, read the label. Rechargeable batteries can also be found in cordless power tools, cordless phones, laptop computers, camcorders, remote control toys, and portable household appliances. Several types are shown below.

EXAMPLES OF RECHARGEABLE BATTERIES	
Lithium-ion	
Nickel-Cadmium	
Nickel Metal Hydride	
Sealed Lead Acid	



UPS Battery Back-up Systems – These systems are usually powered by sealed lead-acid batteries. These batteries can be brought to a District collection but they **must be removed from the outer casing** before we can accept them. The batteries can also be disposed of at a Rechargeable Battery Recycling Corporation (RBRC) drop-off location.



The RBRC also accepts rechargeable batteries and cell phones at drop-off locations at local retailers like Home Depot, Lowe's, RadioShack, Staples, and Whole Foods Market. Visit www.call2recycle.org or call 1-800-822-8837 to find a drop-off location. Please contact the drop-off location prior to visiting, as the RBRC's list is not always up-to-date.

Disposal – Today's standard household batteries - the alkaline AA's, C's, D's, and 9-volts - have been re-engineered to be less toxic, making them safe to dispose of in your normal trash. Please be aware, if you have old batteries, possibly manufactured prior to 1997, when the phase-out of mercury-based household batteries began, they likely contain mercury, and should be recycled.

Almost all participating towns accept lead-acid car and motorcycle batteries from their residents; see Page 15 for disposal locations in your town. Car and motorcycle batteries can also be recycled at most auto parts stores where they are sold.

FLUORESCENT BULBS & COMPACT FLUORESCENT BULBS



Fluorescent bulbs (straight, U-shape, and compact, etc.) are more efficient and last longer than incandescent bulbs. Fluorescent bulbs save electricity and are better for the environment. The U.S. Energy and Environmental Protection Agency says if every U.S. household replaces one regular incandescent light bulb with a compact fluorescent light (CFL) bulb, Americans would save enough energy to light more than 2.5 million homes for a year. While enjoying the benefits of CFLs and other fluorescent bulbs it's important to remember one thing. These bulbs contain mercury and must be disposed of properly. Store worn out fluorescent bulbs in a solid container or in a safe place so they will not break.

See Pages 15 to determine if your town collects fluorescent bulbs and CFLs. Fluorescent bulbs, CFLs, and other bulbs containing mercury may be brought to a HazWaste Collection for disposal. If your town does not accept these bulbs and you can't wait for a collection, try the following companies:

- Home Depot accepts unbroken CFLs at the returns desk of local stores. www.homedepot.com
- Lowe's Home Improvement accepts unbroken CFLs in the recycling drop box. www.lowes.com

If a fluorescent bulb or CFL breaks in your home follow these recommended clean-up guidelines:

1. Ventilate the room

- Open a window.
- Leave the room and restrict access for at least 30 minutes.
- If possible, ventilate the room with a floor or pedestal fan by facing it towards the open window. Using a ceiling fan will not be as helpful at moving the air out of the window.

2. Pick up all the materials you can

- Never allow pregnant women or children near the spill area.
- Remove all metallic jewelry, which might attract mercury magnetically.
- Wear disposable gloves. You should never touch mercury with your bare hands.
- Carefully scoop up the fragments and powder with stiff paper or cardboard.
- Sticky tape (such as duct tape) can be used to pick up small pieces and powder.
- Wipe the area clean with a damp paper towel or disposable wet wipe.
- Afterwards, shine a flashlight on the area to double check for missed spots.

3. Double bag and recycle

- Place the broken bulb and cleanup materials in doubled plastic bags and seal the bags.
- If the bag cannot be immediately disposed of it should be stored in a sealed glass container in a protected area outside.
- Take the materials to a local household hazardous waste collection event or a fluorescent lamp recycling facility.
- If possible, continue to ventilate room for as long as possible (at least several hours).

4. Wash your hands

For more information on CFLs, visit EPA's website at http://www.energystar.gov/index.cfm?c=cfls.pr_cfls.

Other Bulbs Containing Mercury

CFLs are probably the first thing you think of when someone mentions mercury in bulbs but there are other light bulbs out there that contain mercury. The following types of lamps all contain mercury: tanning, black lights, germicidal, cold cathode, high intensity discharge (HID) lamps like metal halide, mercury vapor, and high pressure sodium, mercury and mercury xenon short-arc, and neon. Only a few of these bulbs are regularly used in people's homes but no matter where they are used please remember they contain mercury and require proper handling and disposal.



MERCURY

What is mercury?



Metallic (elemental) mercury is a shiny, silver-white metal that is a liquid at room temperature. Mercury is the silver liquid metal used in thermometers and some electrical switches. At room temperature, some of the mercury will evaporate and form mercury vapors, which are colorless and odorless. These vapors can damage the kidneys and nervous tissue.

Where do you commonly find mercury?

- Thermometers
- Thermostats
- Fluorescent light bulbs
- Mercury-oxide batteries
- Electronic switches
- Security devices that detect movement
- Paints manufactured before 1990 (especially marine and deck paints)

How to clean-up a spill and dispose of mercury

- Put on rubber gloves.
- Use two stiff pieces of cardboard to collect broken glass, mercury, or mercury-containing glass pieces and powder into a pile.
- Use an eye dropper to collect mercury beads and discard the eye dropper in a plastic container.
- Carefully collect all of the glass into the plastic container.
- Use the sticky side of some duct tape to collect any remaining glass and mercury and discard the tape in the plastic bag.
- When the clean up is done place the rubber gloves and cardboard pieces in the plastic bag.
- Seal both the plastic container and plastic bag and label each as “mercury waste”.
- DO NOT vacuum the area until 2-3 days later. Vacuuming up mercury can make it spread into the air.
- If possible, open a window to ventilate the area for at least 24 hours.
- Bring the mercury waste to a HazWaste Collection for disposal.



LAWN CARE

Pesticides, herbicides, and fertilizers are some of the most hazardous products in your home. Children and pets are at risk of becoming sick from exposure to these lawn care products. When it rains lawn care products are washed into storm drains and eventually into rivers and the ocean. Fertilizers remove oxygen from the water, and pesticides are poisonous to aquatic life. Follow the suggestions below to help reduce your use of pesticides and other lawn and garden chemicals.

Suggestions for conventional lawn care.



- Have your yard tested to determine the fertility level of your soil before using fertilizers or pesticides. This way you will know exactly what your lawn's needs are.
- Make sure you know the size of your yard and only use the recommended dose. Pesticides are very potent and a little goes a long way.
- Check the weather and don't fertilize within 48 hours before rain or the fertilizer may be washed away.
- Leave grass clipping on your lawn. The grass clippings will provide nutrients to your lawn and help hold in moisture so less watering is necessary.
- Mow to a height of 3 inches or more. Cutting the grass very short stresses it and makes it more susceptible to disease. Letting the grass grow longer chokes out weeds.

You can have a nutrient analysis performed on your soil or have a plant or disease identified for a small fee by the University of Connecticut. For more information contact the UConn Home and Garden Education Center at (877) 486-6271 (toll free), 1380 Storrs Rd., Unit 4115, Storrs, CT 06269-4115 or at www.ladybug.uconn.edu.

If you keep your lawn thick and healthy it will be able to resist pests, weeds, and disease on its own, without the use of hazardous chemicals.

Storing pesticides – Did you buy too much fertilizer or other lawn care product(s); keep it for next year. Remember store it carefully. Keep it in a secure, well-ventilated dry area, protected from the heat and cold. Keep fertilizers, fungicides, herbicides, and insecticides separated.

Safe Alternatives to Lawn Care Products

Lacewings and Ladybugs: Don't harm lacewings and ladybugs because they prey upon aphids.



Organic Fertilizer: Animal manure, seaweed, sawdust, hay straw, peat moss, fishmeal, and fish scraps are all natural fertilizers. Just don't add more than necessary.

Companion Planting: Including certain plants throughout the garden can repel a variety of insects. Plants helpful for repelling insects include nasturtium, tansy, euphorbia, rue, dahlias, marigolds, aster, cosmos, coreopsis, garlic, chive, savory, rosemary, petunias, and thyme. It is also helpful to mix plants; when a garden is set aside for one type of plant it becomes a target for a particular pest.



Insect Spray: Blend 6 cloves crushed garlic, 1 minced onion, 1 tablespoon dried hot chili pepper, and one tablespoon soap in 1 gallon of hot water. Let sit for 1-2 days, strain and use.

Slugs and Snails: Pour beer into a flat receptacle, like a plate or pie tin, and place it below ground level in the infested area. Slugs and snails will accumulate; just throw them away.

UNACCEPTABLE ITEMS FOR MDC COLLECTIONS

Please note these are **possible** disposal options. The specified organization must be contacted to verify they actually dispose of the listed item prior to bringing your waste to their location. HazWaste should never be dumped at a facility or at a temporary HazWaste site before a collection. This is an environmental and safety hazard and is also illegal.

Ammunition (including gunpowder) - Call your local Police Department.

Asbestos – See Pages 3 and 9 for additional information. Call the HazWaste Hotline (860) 278-3809 to request an asbestos information pamphlet for homeowners.

Biohazards/Biological Waste – Hire a contractor to properly dispose of waste.

Business Waste – The MDC accepts small business waste at its collections, by appointment only. Companies must call the HazWaste Hotline to see if they qualify and to request a small business information package. Business waste can only be accepted if all program requirements have been met. No exceptions.

Car Batteries – See Page 14 for additional information.

Cement – Cement, also known as Sacrete or Quikrete, is not hazardous. Call your town to find out if you should dispose of it in the garbage or at your Transfer Station.

Creosote Coated Railroad Ties – Railroad ties are not hazardous; contact your local Department of Public Works or Transfer Station for possible disposal options.

Electronics – See Pages 10 & 11 for disposal information.

Empty Containers of any Kind - Dispose of in the regular trash. A container is considered empty when no more than one inch or 3% (by weight) of material is left in the container.

Explosives – Your local Police Department may accept them, but you must call and verify before bringing.

Fire Extinguishers – MDC accepts fire extinguishers at HHW Collections as long as you are a resident of an MDC member town. Your local Fire Department may accept them. Information on emptying fire extinguishers and disposing them as scrap metal can be found at, <http://www.ct.gov/deep>.

Freon – Some towns will accept refrigerators and air conditioners containing Freon for disposal (usually for a small fee). Contact your local Dept. of Public Works or Transfer Station for information. United Refrigeration in Hartford (860-278-9200) and New Haven (203-787-2200) will accept Freon tanks for disposal.

Marine Flares – Pyrotechnic flares cannot be accepted at the Collection because they are categorized as explosives. Disposal of marine flares may be done at DEEP's "Flare Days" or by appointment only. Call the DEEP Boating Division at (860) 434-8638 and ask for the Navigation Safety/Boating Access Unit for more information.

Ice Melt – Ice melt is not hazardous and can be disposed of in the regular trash.

Latex Driveway Sealer (Genite) – Driveway sealer is not hazardous; solidify then throw in the regular trash.

Medicine/Drugs – See Page 12 for disposal information.

Needles/Syringes- See Page 14 for disposal information.

Propane Tanks for Gas Grills - MDC accepts propane tanks at HHW Collections as long as you are a resident of an MDC member town.

Refrigerators - Call the Public Works Department in your town for disposal instructions.

Smoke Detectors - Send smoke detectors back to the manufacturer. See Page 18 for more information.

Tires - Call the Public Works Department in your town for disposal instructions.

ASBESTOS

What is asbestos?

Asbestos is a mineral fiber, which was used in a variety of household products and construction materials prior to 1978. Asbestos is extremely hazardous when the fiber becomes airborne; in fact, exposure to asbestos for periods of time has been linked to asbestosis, lung cancer and other deadly diseases. If you suspect that a material in your home contains asbestos, contact the installer or manufacturer or secure the opinion of a knowledgeable contractor – **before you attempt removal**. Asbestos abatement, involving more than three linear feet or three square feet of asbestos-containing material, must be performed by a licensed asbestos abatement contractor. The Connecticut Department of Health recommends homeowners do not handle or perform any asbestos abatement.

Where do you commonly find asbestos?

- Pipe insulation in homes built between 1920 and 1972
- Vinyl sheet flooring and resilient floor tiles between 1954 and 1980
- Ceiling and wall insulation in homes built between 1930 and 1950
- Sprayed or troweled ceiling in homes built between 1945 and 1978
- Roof shingles and siding
- Some textured paints and patching compounds sold before 1978
- Stove and furnace insulation

Zonolite™ Attic Insulation, loose fill insulation, purchased or put in place before 1990 may contain asbestos. This insulation is made with vermiculite which may be contaminated with tremolite, a rare form of asbestos. Commercial vermiculite can range in size from very fine particles to large (course) pieces nearly one inch long. Vermiculite attic insulation is a light weight, pebble-like, pour-in or add-on (loose) product and is usually light brown or gold in color. Its texture is often compared to "popcorn". If you think you have vermiculite insulation get more information at <http://www.epa.gov/asbestos/pubs/insulation.html> or call the EPA's Asbestos Line at 1-800-471-7127.

Where do I go for assistance if I think I have an asbestos problem?

The Hartford Yellow Pages or www.yellowpages.com/state-ct (under "Asbestos Removal Service") has an extensive list of area businesses and contractors who are licensed and insured to safely remove asbestos.

Contact the individuals listed below for additional information.

CT Dept. of Energy and Environmental Protection

Asbestos Management: (860) 424-3366

Connecticut Department of Health

Asbestos Program, at (860) 509-7367

ELECTRONICS

The electronics industry is constantly growing and supplying us with more hi-tech products. Newer models are becoming available and replacing older models at a rapid rate. As a result, electronics are becoming one of the fastest growing portions of America's trash. Electronics can contain hazardous materials, such as cadmium, lead, and mercury. These hazardous materials can be released into the environment through incinerator ash or landfill leachate.

What products are considered consumer electronics?

- TVs and Monitors
- Computers
- Computer Peripherals
- Audio Equipment
- VCRs & DVD Players
- Video Cameras
- Telephones
- Cell Phones
- Fax & Copying Machines
- Wireless Devices
- Video Game Consoles

Reason for Concern

It is estimated that more than 163,000 computers and TVs become obsolete in the US **every day**. Studies estimate that the number of obsolete computers in the US will soon be as high as 315 to 680 million units.

Help keep electronics out of the trash!

- ♻️ Contact your town to find out if electronics are accepted for recycling.
- ♻️ Contact the electronics manufacturer to see if they have a recycling program.
- ♻️ If you are purchasing a new computer see if the company has a take back program. Many computer retailers will recycle your old computer when you purchase a new one from them.
- ♻️ Donate your old electronics to a local charity or school for reuse or refurbishing.

Electronics Collections

Town Programs

New electronic waste recycling regulations requiring all towns to provide their residents with some type of free electronics collection (only computers, TVs, monitors, and printers are currently included) have gone into effect. Information for most of the towns is provided on page 15. Please check the CT DEEP's website (<http://www.ct.gov/deep/site/default.asp> and search for "residential electronics") for up-to-date information for your town. According to the law, the towns cannot charge a fee for recycling computers, TVs, monitors and printers but they can charge a fee for recycling other electronics. Contact the facility to verify items accepted and any fees prior to dropping off the electronics.

Manufacturer Take Back Programs

Only a sampling of manufacturer take back programs is provided. For program specifics, go to the webpage provided and do a search for "recycle".

Canon – Many Canon products recycled for a fee. <http://www.usa.canon.com>

Dell – Dell products recycled for free. All other brands \$10 or free with in-kind purchase. <http://www.dell.com> or drop off at participating Goodwill stores and donation centers.

Epson – Recycles all Epson brand products. <http://www.epson.com> search recycle.

Hewlett Packard –HP will recycle your old electronics (TVs not included). <http://www.hp.com>

Lexmark – Accepts all Lexmark products for recycling. <http://www.lexmark.com>

Sony – Recycles all Sony products if sent to a Service Center. <http://www.sonystyle.com> click support link.

Toshiba – Recycles all products or trade-in any brand with purchase. <http://toshiba.eztradein.com/toshiba/>

Retailers

Staples - Accepts any brand of computers, monitors, laptops, printers, faxes, and all-in-ones for recycling at any of its stores. www.staples.com or 1-800-3STAPLE for store locations.

Office Depot – A Tech Recycling Service box can be used to recycle any brand of monitors, PCs, printers, scanners, DVD players, MP3 players, etc. The boxes can be purchased for \$5, \$10, or \$15. Once filled the unsealed box is returned to Office Depot. www.officedepot.com/techrecycling

Radioshack – Trade in your electronic gadgets (laptops, MP3 players, GPS units, car audio, camcorders, etc.) for a RadioShack gift card. www.radioshack.cexchange.com/

Best Buy – Accepts many types of electronics but will only accept three items per day. Contact your local store for more information or 1-888-BEST BUY or www.bestbuy.com keyword “recycling” in the search window.

Donation or Reuse

Green Share Technology- Hartford, CT-860 724-3535-GreenShare Technology provides low cost or no cost technology to bridge the digital divide. As the gap of computer access and ownership continues to shrink, technology continues to move forward, GreenShare provides opportunities for earth friendly equipment disposal, as well as computer refurbishing, job training and low cost or no cost technology for those who cannot afford new equipment. www.greensharetechnology.org/

National Cristina Foundation – Directs donations of computer equipment to organizations that train people with disabilities, students at risk and economically disadvantaged persons to lead more independent & productive lives. www.cristina.org

Freecycle – Let people know you want to give your items away by posting them on your local Freecycle page. Your trash may be someone else’s treasure. www.freecycle.org

Rethink Initiative – EBay offers resources to help people sell, donate, and recycle their electronics. <http://rethink.ebay.com>

Electronics Recyclers

Computer Works – Free drop-off during business hours – Call First. 230 South Washington St., Plainville – 860-632-0111 www.thecomputerrecycler.com

- Green Monster e-Cycling – Free drop-off during business hours, a fee is charged for most TVs, 150 Brook St., West Hartford – 860-816-2281 - www.greenmonsterecycling.com
- Kaplan Computers – 61 Tolland Turnpike, Manchester – 860-643-6474 - www.kaplancomputers.com

Electronics Recyclers (By Internet/Mail)

These companies offer recycling services for a variety of electronics for a fee. Homeowner purchases service on-line or over the phone then ships the computer or other items to the company.

- Green Disk Recycling Services – 800-305-3475 - www.greendisk.com
- Metech International – 888-638-2761 – www.recycleapc.com

MEDICINES / DRUGS

Expired or unwanted prescription or over-the-counter medications have traditionally been disposed of by flushing them down the toilet or a drain. Scientists and government agencies are now warning us **not** to flush medications down the toilet or drain. Pharmaceuticals and personal-care items such as antibiotics, painkillers, estrogen, antidepressants, blood pressure medicines, fragrances, cosmetics, and vitamins are resistant to wastewater treatment and trace amounts are discharged into our rivers and streams. A nationwide study of streams conducted between 1999 and 2000 by the United States Geological Survey (USGS) found the presence of pharmaceuticals, hormones, and other organic wastewater contaminants in 80% of the streams sampled.

Disposal Options

Medication Drop Boxes

Some municipalities now have or will soon have medication drop boxes. These boxes are secured in the lobby of the police department, and are accessible anytime the department is open. No questions asked, just drop the unwanted medications in and they will be safely and securely destroyed. Please call your local police department for details.

East Hartford PD
31 School Street
East Hartford, CT

Farmington PD
319 New Britain Avenue
Unionville, CT

Newington PD
131 Cedar Street
Newington, CT

Windsor Locks PD
4 Volunteer Drive
Windsor Locks, CT

What **CAN** and **CANNOT** be discarded in local medication drop-boxes

YES	Over the counter medications Prescriptions medications Medications for household pets Medicated lotions and ointments	NO	Needles or Sharps Hazardous Waste Thermometers Personal care products
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The United States Drug Enforcement Administration (DEA) has initiated National Drug Take-Back Days with local police departments. Check the following website http://www.deadiversion.usdoj.gov/drug_disposal/takeback/index.html to find a collection site near you.



If these options don't work for you, it is recommended that you dispose of your unwanted medications in the trash. Most trash in CT is incinerated at trash-to-energy plants, not landfilled, so throwing your medications in the trash will not contaminate groundwater. Follow these precautions to prevent accidental or intentional ingestion.

1. **Keep the medication in its original container.** The labels may contain safety information and the caps are typically childproof. Leaving the content information clearly visible, scratch out the patient's personal information or cover it with permanent marker.
2. **Modify the medications to discourage consumption.**
 - For solid medications, such as pills or capsules, add a small amount of water to at least partially dissolve them.
 - For liquid medications, add enough table salt, flour, or charcoal, to make a smelly unsightly mixture that discourages anyone from eating it.
 - For blister packs, wrap the blister packages containing pills in multiple layers in duct tape or another opaque tape.
3. **Seal and conceal.** Tape the medication container's lid shut with shipping or duct tape, and place it inside a non-transparent bag or container to ensure the contents cannot be seen.
4. **Discard.** Throw the bag or container in your garbage can; do not place in your recycling bin.

You can also ask your pharmacy if it will take back expired drugs. Some pharmacies have programs to dispose of inventory they cannot sell, as well as consumers' left-over medicines.

Managing other types of pharmaceutical waste

Unused ampoules, vials and IV bags – Scratch out patient's name but otherwise do not open packages. Wrap the container(s) with tape to minimize breakage, and then place in an opaque plastic bag or container. Wrap the outside of the bag or container with additional duct or shipping tape to prevent leakage and to further obscure the container's contents. Dispose of the container in the trash.

Chemotherapy drugs – These products require special handling. Do not throw them in the trash or flush them down the drain. Work with your healthcare provider to determine proper disposal option for this type of medication.

Additional Information

EPA's Pharmaceuticals and Personal Care Product Page - <http://www.epa.gov/ppcp/> - Find out more about this issue and how it may affect you.

CT DEEP – <http://ct.gov/deep> and search for “safe disposal of medicines”.

NEEDLES / SYRINGES / LANCETS

The EPA does not recommend disposing of sharps in the regular trash. Sharps disposed of in the trash are a safety hazard to anyone who has access to the trash - your children, pets, trash collectors and disposal facility employees. Used sharps can injure people, spread germs, and spread diseases such as HIV/AIDS, hepatitis B and C, tetanus, and syphilis. Victims of sharps-related injuries face the cost of post-injury testing, disease prevention measures, and counseling, even if no infection or disease was spread. Some diseases can take a long time to appear on test results, leading to months of testing and apprehension.

The EPA recommends the following disposal methods:

- Drop-off Collection Sites
- Syringe Exchange Programs
- Mail-back Programs
- Home Needle Destruction Devices



Needles and syringes cannot be accepted at household hazardous waste collections in CT. The programs and devices listed below are available in the Greater Hartford area. Contact your local health department or health care provider for more information.

Mail-back Programs

Humira[®] Pen and Syringe Disposal – free mail-back disposal of Humira pens and syringes is included with the purchase of these products. Go to <http://www.myhumira.com/Disposal/Default.aspx> or call 1-800-4-HUMIRA for more information.

Daniels Int.	888-952-5580	www.danielsinternational.com
Sharps Inc.	800-772-5657	www.sharpsinc.com
Stericycle	866-783-7422	www.stericycle.com/mail-back-disposal-products

Home Needle Destruction Devices

These devices are available for purchase at your local pharmacy and online.

- Voyager Diabetic Needle Disposal
- Zims Disintegrator Plus
- B-D Safe-Clip

For more information, contact the **Coalition for Safe Community Needle Disposal** (www.safeneedledisposal.org or 1-800-643-1643), a collaboration of businesses, community groups, non-profit organizations and government that promotes public awareness and solutions for safe disposal of needles, syringes, and other sharps in the community. If you cannot find any other options, sharps can be placed in the trash. The sharps must be placed in a hard plastic or metal container with a screw-on or tightly secured lid. Prior to placing in the trash the lid should be reinforced with heavy-duty tape and the container should be marked “Sharps”.

PROPANE TANKS, CAR BATTERIES, USED OIL, AND ANTIFREEZE

Car batteries and used oil are common household hazardous wastes and many towns provide drop-off locations for their safe disposal. The following table is provided to help you locate your local drop-off locations. Used oil and car batteries are not accepted by the MDC at the Household HazWaste collections because the program is geared toward items that the towns cannot accept. Motor oil and car batteries are collected from town residents at the Bloomfield, Farmington, Newington (motor oil only) and Windsor Locks Household HazWaste Collections. **Improper disposal of propane tanks can cause problems with trash collection vehicles and result in explosions at the waste-to-energy facilities.** If your propane tank is not empty or if you are not sure if it is empty, **DO NOT REMOVE THE VALVE.** Only the propane tank disposal fees are included in the table. Additional fees may be charged for the disposal of other items listed. Please call your town’s disposal location for current information and to confirm acceptable items. A “✓” indicates that the town accepts the item.

Town	Disposal Location (Please call town first to confirm waste acceptance rules)	Items Accepted by Towns					
		Used Oil	Car Batteries	Antifreeze	20-lb Propane Tanks	Elec.	Other Items and Notes (call disposal location before bringing waste as hours and prices, if applicable, can change without notice).
Bloomfield	See “Windsor”	✓	✓		✓	✓	Bloomfield also takes scrap metal and household goods.
East Granby	Recycling Center, Turkey Hill Rd; 860-653-6822	✓			✓	✓	Propane tank - valve must be removed.
East Hartford	Landfill, 61 Ecology Drive; 860-291-7363 or 291-7355	✓	✓	✓	✓	✓	Bulky waste permit required.
Farmington	Highway Garage, 544 New Britain Ave; 860-675-2550	✓	✓				Motor oil in sealed non-returnable container <2 gals. 1-lb propane tanks & fire extinguishers at HHW collections
Hartford	Bulky Waste & Recycling Center, 180 Leibert Rd; 860-757-9311	✓	✓	✓	✓	✓	For City services and information call 311
Newington	Landfill, Main Street or Highway Garage, Milk Lane 860-667-5874	✓	✓	✓	✓	✓	Oil, car batteries, antifreeze and electronics at Landfill; Oil & propane only at Highway Garage, Milk Ln.
Rocky Hill	Town Garage, 2 Old Forge Road; 860-258-7709	✓	✓	✓	✓	✓	Fluorescent bulbs; Alkaline & rechargeable batteries; Turkey fryer oil. Propane tanks - leave valves on.
West Hartford	Recycling Center, Brixton St; 860-236-4236	✓	✓	✓	See Note		Propane tanks collected at DPW facility, 17 Brixton St, only during small metal collection; valve must be removed.
Wethersfield	Transfer Station, 100 Marsh St; 860-721-2846	✓	✓	✓		✓	Fluorescent bulbs; Ballasts
Windsor	Windsor/ Bloomfield Landfill, 500 Huckleberry Rd, 860-285-1833	✓	✓		✓	✓	Windsor also takes scrap metal and household goods.
Windsor Locks	Dept. Public Works, 6 Stanton Rd; 860-627-1405	✓	✓	✓		✓	Residents only

Car batteries can also be taken to ACDelco or Advance Auto Parts stores for recycling. Advance Auto Parts will also recycle your used motor oil. Look in the yellow pages under “Automobile Parts & Supplies” or visit ACDelco’s and Advance Auto Parts’ websites to locate the store nearest you.

COMMERCIAL PROPANE TANK DISPOSAL LOCATIONS

You may be able to dispose of your propane tank at one of the locations listed below or return the propane tank to the place you bought it. Many companies and local hardware stores will dispose of an old gas grill tank for you if a new propane tank is purchased. If the locations below are inconvenient for you, check your yellow pages (under “Gas - Liquefied Propane”) for other options. Always call before you bring your propane tank anywhere for disposal. The disposal fees may change depending on the tank size.

This list has been provided for your convenience and is not an endorsement for any particular company. Please note: the fees listed are for gas grill size tanks. Call the location to find out if it accepts 1-lb tanks.

Please call before bringing propane tanks to these businesses. Fees and addresses are subject to change.



Farmington

Troys Citgo
1097 Farmington Ave
(860) 677-2740
(\$5.00 service fee)

Glastonbury

Bemer Petroleum Corp.
210 Commerce Street
(860) 659-3515
(\$5.00 service fee)

Hartford

U-Haul
755 Capitol Avenue
(860) 527-5251
(\$10.00 service fee)

Unionville

Parson's Paint & Hardware
92 South Main St.
(860) 673-2424
(\$4.00 service fee)

West Hartford

Lou's Auto Service
1056 New Britain Ave.
(860) 236-2593
(\$5.00 service fee)

Wethersfield

Cross Automotive
708 Silas Deane Hwy.
(860) 529-5743
(\$5.00 service fee)

Wethersfield

Wethersfield Rental
474 Silas Deane Hwy.
(860) 563-0448
(\$4.00 service)

OIL FILTERS

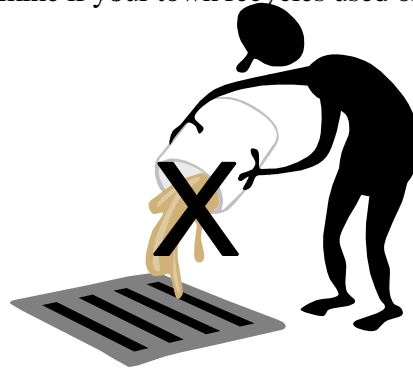


How to drain your used oil filter (once it has been removed):

1. Drain the filter of any oil. Using a sharp tool, puncture a hole in the dome end of the filter or through the antidrain back valve located on the flat end of the filter. Allow the used oil to flow into a container appropriate for recycling oil.
2. Place the flat end of the punctured filter on the used oil collection container and drain as much used oil as possible out of the filter. It is important for used filters to be drained between 12 and 24 hours near engine operating temperature and above room temperature (approximately 60° F).

The CT Department of Energy and Environmental Protection recommends recycling used oil filters as scrap metal. Recycling all the filters sold annually in the United States would result in the recovery of about 160,000 tons of steel, or enough steel to make 16 new stadiums the size of Atlanta's Olympic Stadium. Please contact the drop-off location for your town, listed on pages 15 and 16, to determine if your town recycles used oil filters.

NO DUMPING



If you see illegal dumping of used oil, call the local police dispatch or the CT DEEP at (860) 424-3338.

- One gallon of used oil can pollute 1 million gallons of fresh water (a year's supply for 50 people).
- Used oil can foul sewage treatment processes.
- A cup of oil can spread a very thin sheen over more than an acre of calm water.
- An oil sheen can block sunlight, impair photosynthesis and prevent the replenishment of dissolved oxygen, which leads to fish kills.

SMOKE DETECTORS

There are two types of smoke detectors, ionization and photoelectric. Ionization smoke detectors contain a small amount of a radioactive substance, usually Americium 241. The ionization smoke detectors are required to be labeled to notify the consumer that the device contains a radioactive material.

How do I properly dispose of an old ionization smoke detector?

- Ionization smoke detectors contain a radioactive material but the U.S. Nuclear Regulatory Commission has exempted all homeowners from the regulatory requirements for handling, storage and disposal of radioactive materials.
- Ionization detectors are considered a very low level radioactive waste, acceptable to throw in the trash.
- The U.S. Energy and Environmental Protection Agency recommends that people return the ionization smoke detectors to the manufacturer instead of throwing them in the trash.
- These companies are subject to regulatory requirements and must dispose of the detectors as radioactive waste.

Which companies will accept returns of ionization smoke detectors?

Several companies that manufacture smoke detectors will accept old detectors from consumers. A list of some manufacturers and their contact information is provided below. If the manufacturer of your smoke detector is not included, check the box the detector came in or the company's website for a Customer Service phone number.

It is costly for the manufacturer to dispose of the detectors so they are quick to tell customers that call that it is okay to throw them out. Often the customer must insist that they do not want to just throw them in the trash and then the company's customer service representative will tell them their return policy.

Unless instructed otherwise by the company, you should place the smoke detector in a sealed plastic bag and pack it in a sturdy cardboard box with sufficient shock absorbing material to protect from damage during transit. Include a note instructing the company that you are sending them a smoke detector for proper disposal.

Company, Address & Phone	Instructions
American Sensors/Dicon Global Attn: Disposal 20 Steelcase Road West Unit 3 Markham, Ontario L 3R1B2	Accepts Dicon, North American Detectors, Inc., and American Sensors . Send by regular mail or UPS Ground Prepaid. Call company before sending detector (1-800-387-4219). Write on the customs form that the package contains a defective smoke detector and the value is \$0.
First Alert & BRK Brands Attn: Waste Disposal 3920 Enterprise Court Aurora, IL 60504	FamilyGuard and BRK brands. Send by regular mail or UPS Ground. More info at www.firstalert.com or www.brkelectronics.com . May charge a handling fee. Call customer service before mailing smoke detector. 1-800-323-9005
Walter Kidde Kidde Safety & Customer Service (Disposal) 1016 Corporate Park Drive Mebane, North Carolina 27302	Accepts Lifesaver and KIDDE Fyrmetics. Include a note telling the company that the item is for DISPOSAL. Customer Service - 1-800-880-6788
Siemens Building Technologies Inc. 8 Fernwood Rd. Florham Park, NJ 07932	Accepts Pyrotronics, Cerberus or Siemens. Contact the company for mailing instructions. 1-800-222-0108

2014 MDC Household Hazardous Waste Collection Schedule

(Collections are held on Saturdays* from 8 a.m. - 1 p.m.)

<u>DATE</u>	<u>TOWN</u>	<u>LOCATION</u>
May 3, 2014	Newington	Town Garage, 281 Milk Lane (off Fenn Road)
May 10, 2014	Farmington	Farmington High School, 10 Monteith Drive
May 31, 2014	Hartford	ML King School, Corner of Westbourne Pkwy and Blue Hills Ave
June 7, 2014	Windsor	Poquonock WPCF, 1222 Poquonock Avenue
June 22, 2014*	West Hartford	Emanuel Synagogue, 160 Mohegan Drive
June 28, 2014	Wethersfield	Webb School, 51 Willow Street
Sept. 6, 2014	Bloomfield	Public Works Building, 21 Southwood Drive
Sept. 13, 2014	Rocky Hill	Rocky Hill WPCF, 80 Goff Brook Lane
Sept. 27, 2014	West Hartford	Public Works Garage, Oakwood Ave Ext off New Park Ave
Oct. 18, 2014	East Hartford	East Hartford WPCF, 65 Pitkin Street
Oct. 25, 2014	Windsor Locks/E. Granby	Public Works Garage, 6 Stanton Road, Windsor Locks

(WPCF = Water Pollution Control Facility)

* One collection is held on **Sunday** June 22, 2014

ONLY RESIDENTS OF THE FOLLOWING TOWNS MAY PARTICIPATE IN ANY MDC SPONSORED COLLECTION DAY.

- Bloomfield
- East Granby
- East Hartford
- Farmington
- Hartford
- Newington
- Rocky Hill
- West Hartford
- Wethersfield
- Windsor
- Windsor Locks

ATTENTION! There has been a reduction in the number of participating towns in the MDC Household Hazardous Waste Collection Program. If you do not see your town listed above please contact your town's Public Works Department for household haz waste information.