



Welcome to
Northeast Resource
Recovery Association's

Summer Webinar Series

Need Professional Credits?



- Receive 1 hour of professional development credit from NRRA for viewing this webinar.
- Webinars are recorded and made available for those who registered.
- Complete the survey at the end and connect with NRRA.
- Continue your learning with webinars all summer long!
- Visit our new website at: nrrarecycles.org



For Registration:
nrrarecycles.org

Operator Track - Wednesdays 9:00 am - 10:00 am		
Date	Webinar	Presenters
	Break	
August 26, 2020	Extended Producer Responsibility	Terri Goldberg, NEWMOA; Megan Pryor, MEDEP
September 2, 2020	Tricks of the Trade	Joan Cudworth, Hollis; Ed Walsh, Rollinsford; Brian Patnoe, Littleton, NH
September 9, 2020	MA Mattress Recycling Incentive Grant Program	Rachel Smith, MADEP



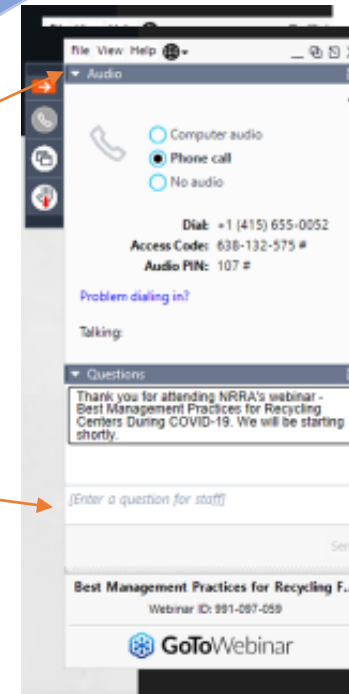
For Registration:
nrrarecycles.org

Educator/Community Track - Fridays 12:00 - 1:00 pm		
Date	Webinar	Presenters
August 14, 2020	Medical Waste: Needles, Pharmaceuticals, Vaping and More	Cindy Sterling, NRRRA
August 28, 2020	We Need to Think About Clothing Differently	Joe Whitten, Apparel Impact
September 4, 2020	Cafeteria Sorting Stations	John Jose, CVSWMD
September 11, 2020	Event Waste Reduction: Styling Your Event Recycling Plan	Cindy Sterling, NRRRA



GoToWebinar Setting the Table

- You will not be able to be heard by the presenters or other participants on GTW.
- If you cannot hear the presenters, click on audio and computer audio. If that does not work, try clicking on phone call.
- We hope you ask questions and the presenters will answer them if time allows. Click on Questions and keep it short!

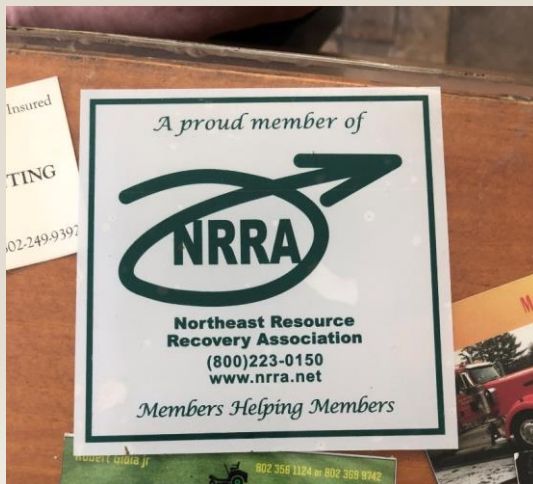


About NRRA

- Recycling nonprofit
- 400+ members, primarily municipalities
- Founded nearly 40 years ago



Cooperative Marketing & Purchasing



- Enable communities to manage their own recycling programs
- 40 programs, including single stream and municipal solid waste
- Connect sellers of recyclables to purchasers




Education & Technical Assistance

- Workshops
- Facility tours
- Annual conference
- Technical assistance
- School Club programs



About LRPC



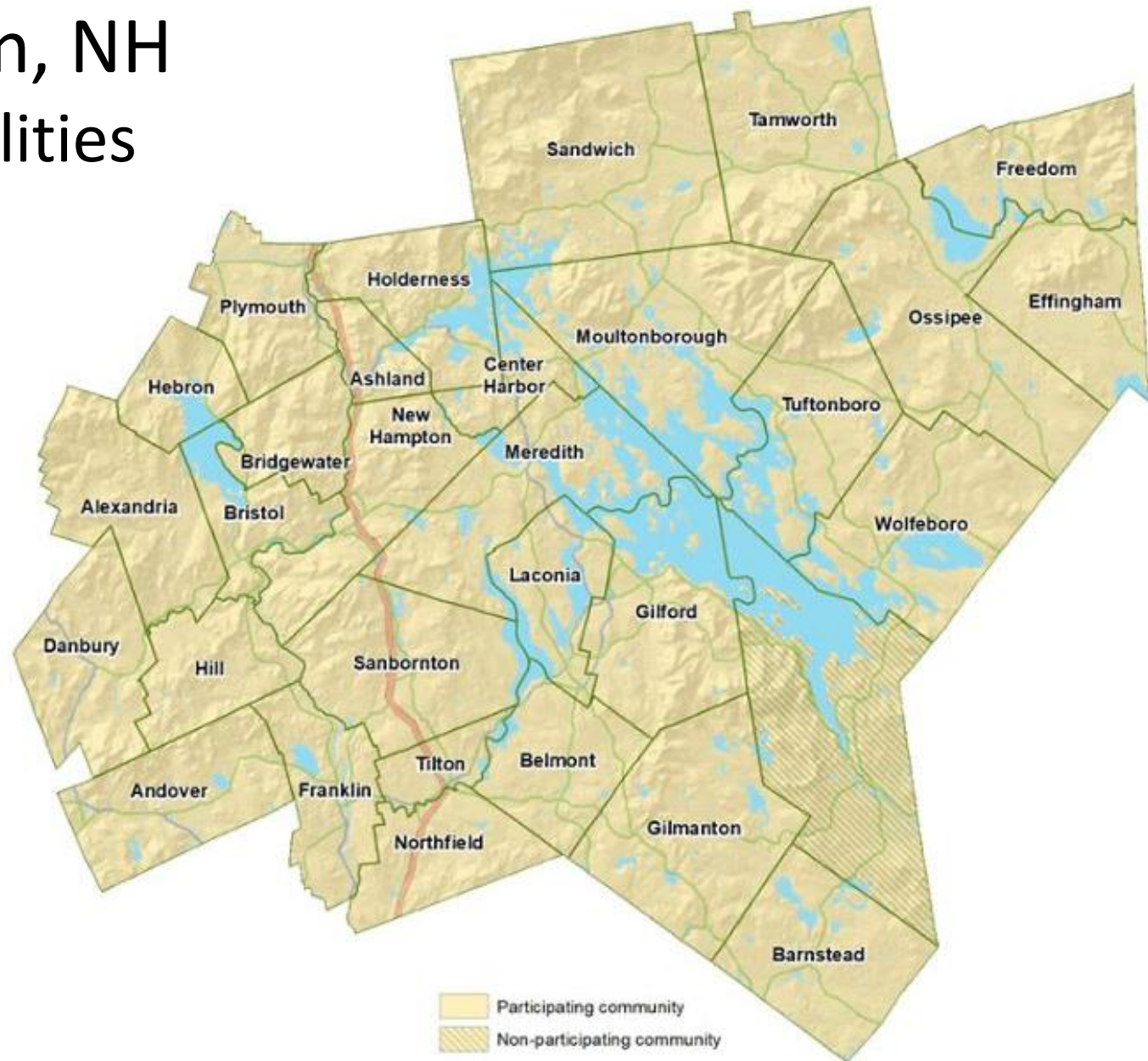
The LRPC is a non-profit association of local governments that provides comprehensive planning services to meet the diverse needs of New Hampshire's Lakes Region.

Relationship with the community:

- We work with Selectboard members, town committees, region commissioners, EDCs...
- LRPC researches issues to advise/recommend next steps for project partners
- Grant writing and administrating
- SERVICES – economic development, household hazardous waste program, land use and housing, hazard mitigation planning, natural resources, transportation, solid waste management

Lakes Region, NH

30 municipalities





The webinar will begin soon!



MEDICAL WASTE DISPOSAL

NEEDLES, PHARMACEUTICALS, VAPING AND MORE

WHAT ARE YOUR BEST MANAGEMENT PRACTICES?

FACILITATED BY:

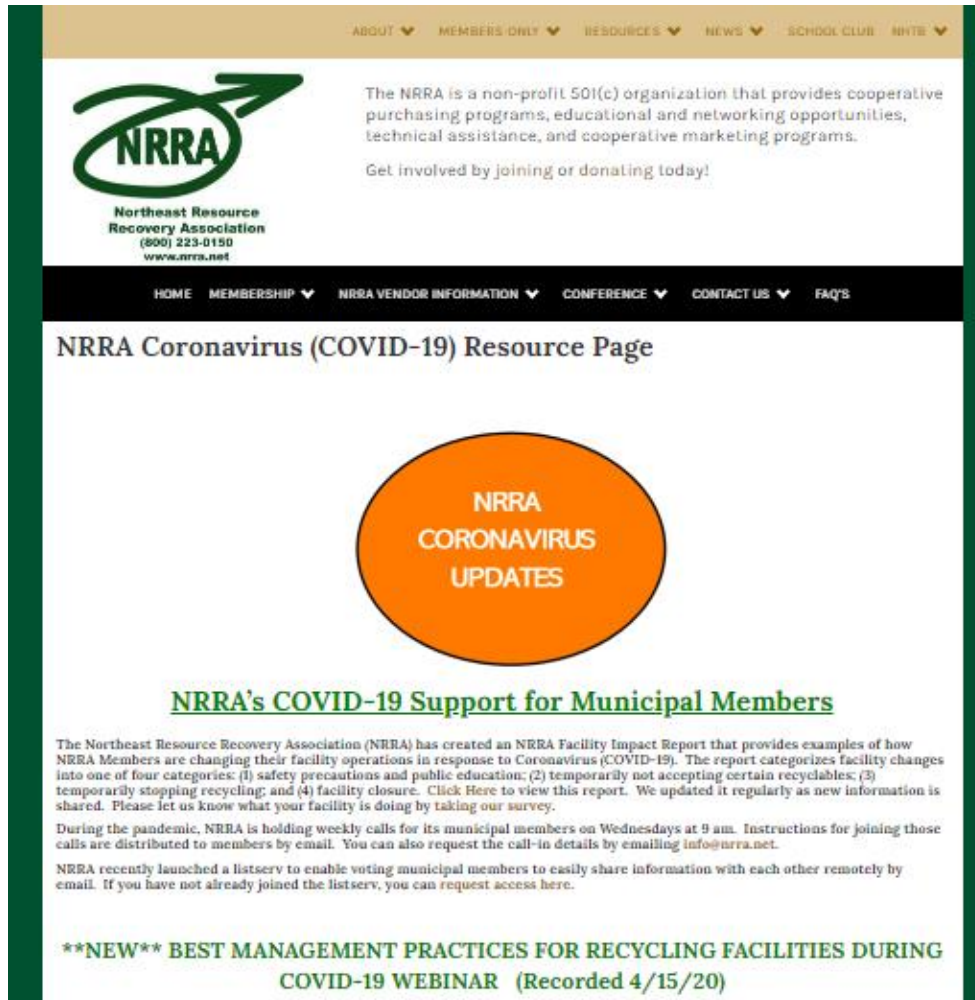
CINDY STERLING - NORTHEAST RESOURCE RECOVERY ASSOCIATION

PAIGE WILSON - LAKES REGION PLANNING COMMISSION

BEN PERHAM - NORTHEAST RESOURCE RECOVERY ASSOCIATION




Coronavirus Updates



The screenshot shows the NRRA website's coronavirus resource page. At the top is a navigation bar with links: ABOUT, MEMBERS ONLY, RESOURCES, NEWS, SCHOOL CLUB, and NMTE. Below this is the NRRA logo and a brief description of the organization as a non-profit 501(c) organization providing cooperative purchasing, educational, and networking opportunities. A call to action encourages joining or donating. A secondary navigation bar includes links for HOME, MEMBERSHIP, NRRA VENDOR INFORMATION, CONFERENCE, CONTACT US, and FAQ'S. The main heading is "NRRA Coronavirus (COVID-19) Resource Page". A large orange circle in the center contains the text "NRRA CORONAVIRUS UPDATES". Below this is a section titled "NRRA's COVID-19 Support for Municipal Members" with a green underline. The text describes the creation of a Facility Impact Report and provides links for more information. It also mentions weekly calls for municipal members and a listserv for remote communication. At the bottom, a green banner announces a "BEST MANAGEMENT PRACTICES FOR RECYCLING FACILITIES DURING COVID-19 WEBINAR" recorded on 4/15/20.

ABOUT ▼ MEMBERS ONLY ▼ RESOURCES ▼ NEWS ▼ SCHOOL CLUB NMTE ▼


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(800) 223-0150
www.nrra.net

The NRRA is a non-profit 501(c) organization that provides cooperative purchasing programs, educational and networking opportunities, technical assistance, and cooperative marketing programs.

Get involved by joining or donating today!

HOME MEMBERSHIP ▼ NRRA VENDOR INFORMATION ▼ CONFERENCE ▼ CONTACT US ▼ FAQ'S

NRRA Coronavirus (COVID-19) Resource Page

NRRA
CORONAVIRUS
UPDATES

NRRA's COVID-19 Support for Municipal Members

The Northeast Resource Recovery Association (NRRA) has created an NRRA Facility Impact Report that provides examples of how NRRA Members are changing their facility operations in response to Coronavirus (COVID-19). The report categorizes facility changes into one of four categories: (1) safety precautions and public education; (2) temporarily not accepting certain recyclables; (3) temporarily stopping recycling; and (4) facility closure. Click Here to view this report. We updated it regularly as new information is shared. Please let us know what your facility is doing by taking our survey.

During the pandemic, NRRA is holding weekly calls for its municipal members on Wednesdays at 9 am. Instructions for joining those calls are distributed to members by email. You can also request the call-in details by emailing info@nrra.net.

NRRA recently launched a listserv to enable voting municipal members to easily share information with each other remotely by email. If you have not already joined the listserv, you can request access [here](#).

****NEW** BEST MANAGEMENT PRACTICES FOR RECYCLING FACILITIES DURING COVID-19 WEBINAR (Recorded 4/15/20)**

nrrarecycles.org



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COVID-19 MEDICAL WASTE

BEST MGT PRACTICES - OSHA

For medical waste with potential or known COVID-19 contamination, **manage like any other regulated medical waste**. COVID-19 is not a Category A infectious substance.

“Use typical engineering and administrative controls, safe work practices, and **PPE**, such as **puncture-resistant gloves and face and eye protection**, to prevent worker exposure to the waste streams (or types of wastes), including any **contaminants in the materials**, they manage. Such measures can help protect workers from sharps and other items that can cause injuries or exposures to infectious materials.”



OSHA Guidelines Solid Waste



COVID-19 MEDICAL WASTE

BEST MGT PRACTICES - CDC

For regulated medical waste information, consult the regulated medical waste information in CDC's Guidelines for Environmental Infection Control in Health-Care Facilities (2003). This document provides additional information related to the management of waste streams from hospitals and other healthcare facilities.

CDC also provides information on medical waste management as a Question and Answer page on its coronavirus website.

- **Airborne: 3 hours**
- **Copper: 4 hours**
- **Cardboard: 24 hours**
- **Stainless Steel: 72 hours**
- **Plastic: 72 hours**

New England Journal of Medicine study that indicates the how long can COVID-19 virus live on the following materials for varying amounts of time



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COVID-19 MEDICAL WASTE



Photo by Impact Earth, Keene NH



Photo by Impact Earth, Keene NH



Photo by Impact Earth, Keene NH



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COVID-19 – ADDITIONAL QUESTIONS?

- **Do you have any additional question regarding COVID-19 and waste disposal?**
 - Please Type in question now



Discussion



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Names for Medical Waste

- Medical Waste
- Biomedical Waste
- Clinical Waste
- Biohazardous Waste
- Regulated Medical Waste
- Infectious Medical Waste
- Healthcare Waste



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WHO HANDLES MEDICAL WASTE?

- Veterinarians
- Hospitals & Clinics
- Nursing Homes
- Tattoo Parlors
- Solid Waste Facilities
- Pharmacists
- Mortuaries & Autopsy Centers
- Police Departments
- Addiction Recovery Centers
- EMTs/First Responders
- Dental Offices
- Rehabilitation Centers
- Laboratories & Research Centers
- Blood Banks
- Schools
- Correctional Facilities/Prisons



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WHAT IS MEDICAL WASTE?

COMMON CATEGORIES IDENTIFIED BY WHO

- Sharps
- Infectious Waste
- Radioactive
- Pathological
- Pharmaceuticals
- Chemical
- Genotoxic
- General Non-Regulated Medical Waste

COMMON CATEGORIES IDENTIFIED IN THE FIELD

- Sterilization packaging, gloves, masks
- First Aid (dressings, bandages)
- Syringes/needles
- Medications (prescribed, over-the-counter)
- Hypodermic patches
- Medicine bottles
- Narcan
- Vape Products
- Inhalers
- EpiPens®



Photo by Impact Earth, Keene, NH

Vape Products



Boulder County CO.



VAPE AWARE
Your environment • Your responsibility
Boco.org/VapeAware

Did you know?

Boulder County is going Zero Waste! Through reducing, reusing, recycling and composting we plan to divert 90% of waste away from landfills by 2025. *But vaping won't help us reach our goal.*



Nicotine (among other toxic substances) in e-cigarettes, vape pens, and cartridges are considered hazardous waste, and should be disposed of properly at the Hazardous Materials Management Facility in Boulder.



When not disposed of properly, e-liquid can leak into the ground causing hazardous chemicals to contaminate the environment.



Cartridges and pods can't be recycled and should not be disposed of in trash bins.



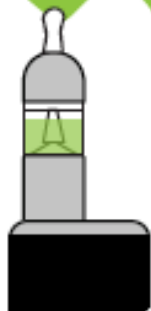
Vape batteries can start landfill fires.



Aerosols from e-cigarettes can change indoor air quality and can cause respiratory health problems.



*The best way to avoid contaminating the environment with vape waste is to avoid using them altogether. If you have questions, or are wanting to quit, text **QUIT** to **47848**.*



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Vape Products

- **Disposal:** E-liquid or juice may contain nicotine, vegetable glycerin, and propylene glycol and should be treated as a hazardous waste at the HMMF. Atomizers and full cartridges will be incinerated with toxics.
- **Recycle:** Batteries should be recycled at the HMMF. This keeps them out of the waste stream and prevents fires. After they are sorted and processed accordingly they can eventually be remade into new products.



Hazardous Materials Management Facility
1901 c 63rd Street • Boulder
Wednesday - Saturday 8:30 a.m. - 4 p.m.
720-564-2251 www.BoulderCountyRecycles.org



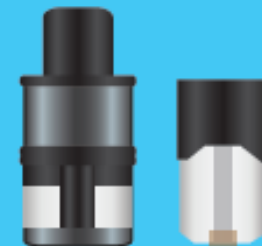
Photo by Impact Earth, Keene, NH



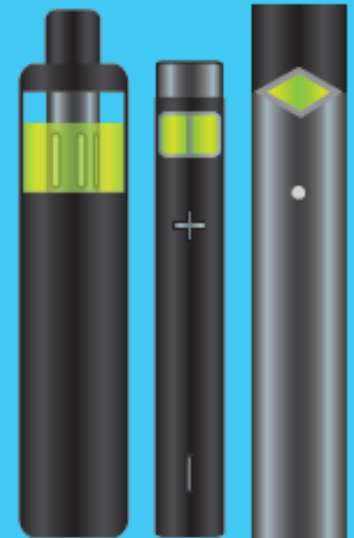
VAPE AWARE
Your environment • Your responsibility
Boco.org/VapeAware

Proper Disposal

**TANKS
CARTRIDGES & PODS**
Dispose at HMMF



**BATTERIES
& DEVICES**
Dispose at HMMF



**E-LIQUID
& BOTTLES**
Dispose at HMMF



Place empty bottles in Recycling



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Inhalers

Disposing of Inhalers

To dispose of inhalers, the Food and Drug Administration (FDA) recommends that you: “Read handling instructions on the labeling of inhalers and aerosol products. These products could be dangerous if punctured or thrown into a fire or incinerator. To properly dispose of these products and follow local regulations and laws, contact your trash and recycling facility.”



Photo by Impact Earth, Keene, NH



Photo by Impact Earth, Keene, NH



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Inhalers

What do I do with Used Inhalers?

Most people have no idea and just discard them in the regular trash.

Why can't you just throw them away?

Medication that is left in them

- 29% of inhalers have leftover medication.
- If these inhalers go into the landfill medication could leak out and contaminate local water supplies.

They can explode when compacted or heated too much.

- Sitting in a garbage truck on an August afternoon!

Some inhalers will release greenhouse gasses.

- Inhaler related greenhouse gasses are responsible for about 5 million tons of CO2 emissions across the world.

What should be done with them?

Don't put them in your medical waste disposal.

They should be considered Hazardous Waste. The safest way to dispose of them is to give them back to your local pharmacy.

Disposing of a used EpiPen® or Epinephrine Injection, USP Auto-Injector

It is important to communicate to your patients that used EpiPen® and Epinephrine Injection, USP Auto-Injectors must be disposed of properly.⁴ They should be taken to a healthcare professional's office or to a hospital for proper disposal.



Consumer Reports® (July 16, 2019)

- Auto-injectors thrown into in your household trash could prick or injure people or pets in your home.
- Give the used injector to the healthcare professional you saw afterward.
- Take expired EpiPens® to a doctor's office, hospital, or pharmacy for disposal.
- You can find a drop-off location near you at **[SafeNeedleDisposal.org](https://www.safeneedledisposal.org)**.

A final tip: When filling an EpiPen® prescription, ask the pharmacist to give you auto-injectors with the latest expiration date.



THE HEALTH RISKS



A person who experiences one needle stick injury from a needle used on an infected source patient has risks of 30%, 1.8%, and 0.3% respectively of becoming infected with HBV, HCV and HIV ~ WHO, 2018

- NH has high rate of opioid use among 18-25 Y.O.
- Sharps-inflicted injuries.
- Safe disposal reduces solid waste operator exposure to illicit substances and hazards.
- Improper disposal puts environment & public health in danger.



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SAFE-CLIP by BD

STORE 1,500 NEEDLE CAPACITY



Photos by Ben Perham, Penacook, NH



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WHAT ARE THE DISPOSAL OPTIONS?

Medical Waste

- What single resource do you turn to for proper disposal of medical waste?



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WHAT ARE THE DISPOSAL OPTIONS?

- DEA Drug Take Back Days (Spring/Fall)
- Medicine: local police departments
- Sharps: transfer stations, general trash collection, clinics, hospitals
- Household Hazardous Waste Collections – check with local program
- **Incineration** [ONLY MODERN INCINERATORS OPERATING AT 850 - 1100 °C (1562 - 2012 °F) AND FITTED WITH SPECIAL GAS-CLEANING EQUIPMENT ARE ABLE TO COMPLY WITH THE INTERNATIONAL EMISSION STANDARDS FOR DIOXINS AND FURANS]
- On-site/mail back collection:



Photo by Impact Earth, Keene, NH



TOWN TRANSFER STATIONS

Separate from MSW and put in trash compactor

Lakes Region, NH Transfer Stations:

- 6 out of 30 had **sharps disposal info** on town website
- 4 out of 30 had **medicine disposal info** on town website
- 6 out of 30 stated they **offer safe sharps disposal** at the facility



TOWN TRANSFER STATIONS



MEDICAL SHARPS ARE NOT ALLOWED IN HOUSEHOLD TRASH

Medical “sharps” (needles) are not allowed in the waste stream due to the potential risk of injury to the staff and potential landfill contamination to the ground and groundwater in landfills. In recognition of these risks, the Moultonborough Waste Management Facility-Transfer Station has always offered residents a safe means of disposing of these.

You need only put these sharps into a plastic container of good condition [Laundry Detergent preferred], tape the top shut and mark it **DO NOT RECYCLE-HOUSEHOLD SHARPS**. When bringing this container to the Transfer Station you should give it to an attendant for proper processing. These sharps are processed by our vendor who properly and safely disposes them.

Home » Departments

Transfer Station

Holiday Closures:

- New Year's Day
- Civil Rights Day
- Presidents Day

▼ Category VI – Unused Medicines

There are several options for safe disposal in the Lakes Region area:

1. Local Drop Boxes – <https://www.dhhs.nh.gov/dcbcs/bdas/documents/drop-box-locations.pdf>
2. LRHHPF Collections – <https://www.wolfeboronh.us/lakes-region-household-hazardous-product-facility>
3. National Drug Takebag Day (usually spring/fall) – <https://takebackday.dea.gov/>
4. Contact your local drug store or pharmacy for possible disposal locations.

▼ Safe Medical Needle Disposal

<https://www.safeneedledisposal.org>



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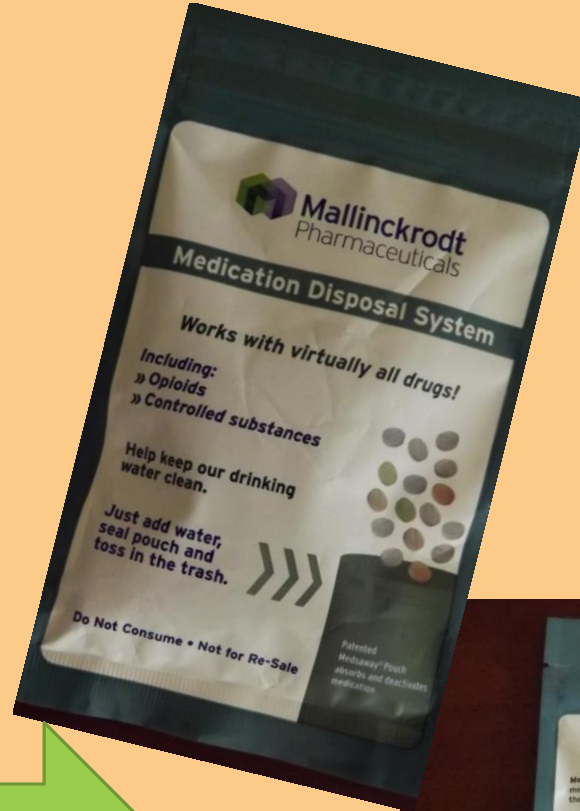
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DISPOSABLE PACKAGES



OR.....

- Used Coffee Grounds
- Cat Litter
- Dirt
- Hardened Latex Paint



Photos by Impact Earth, Keene, NH



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DOES THE DEA DRUG TAKE-BACK DAY MAKE A DIFFERENCE?

Results: October 2016 12th
National Take Back Day

- Total Law Enforcement Participation: 4,018
- Total Collection Sites: 5,178
- Total Weight Collected: 731,269 lbs. (365.6 Tons)

Results: October 2019 18th
National Take Back

- Total Law Enforcement Participation: 4,896
- Total Collection Sites: 6,174
- Total Weight Collected: 882,919 lbs. (441.5 Tons)

[DEA National Take Back Day](#)

RESULTS

2008

116 GALLONS FROM
107 HOUSEHOLDS
=@ 1.08 GAL

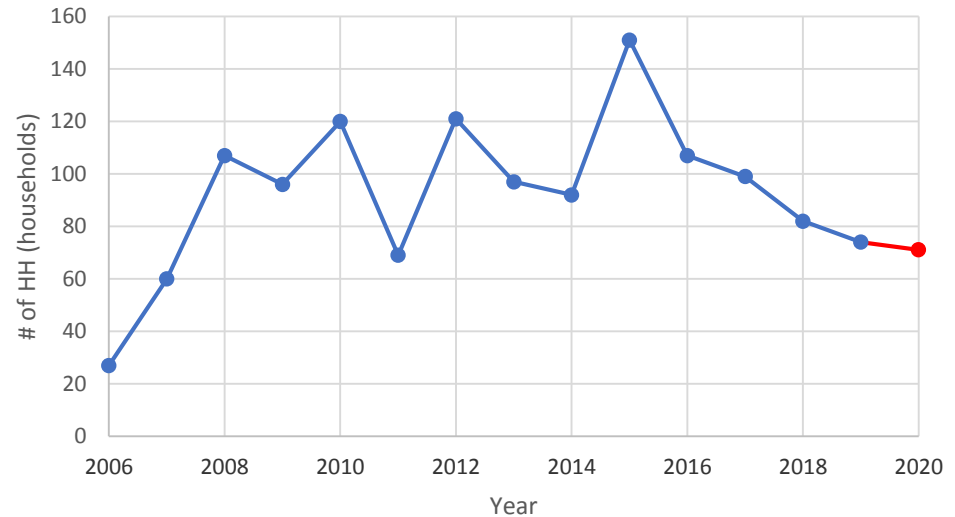
2019

166.75 GALLONS FROM
74 HOUSEHOLDS
=@ 2.2 GAL

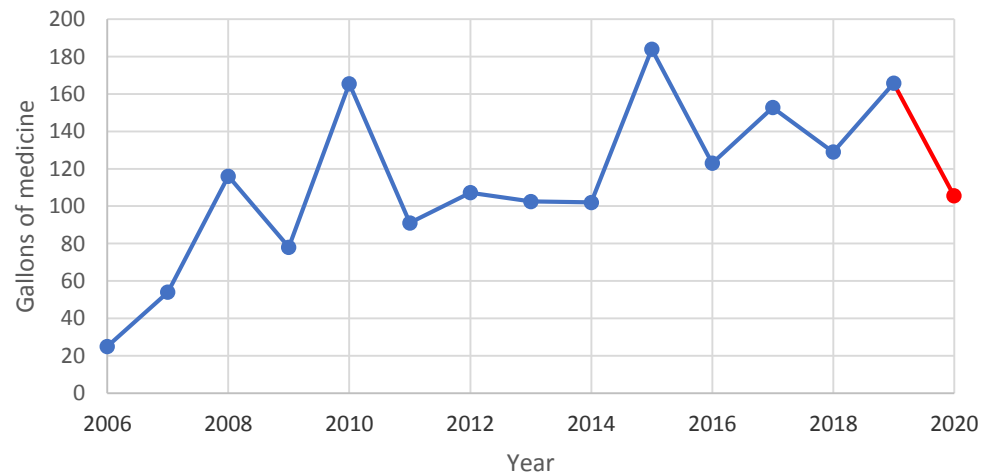
**2020 – 2 out of 4
collections completed**

Lakes Region Household Hazardous Product Facility (Wolfeboro)

LRHHPF Medication Collections (Participation)



LRHHPF Medication Collections (Results)



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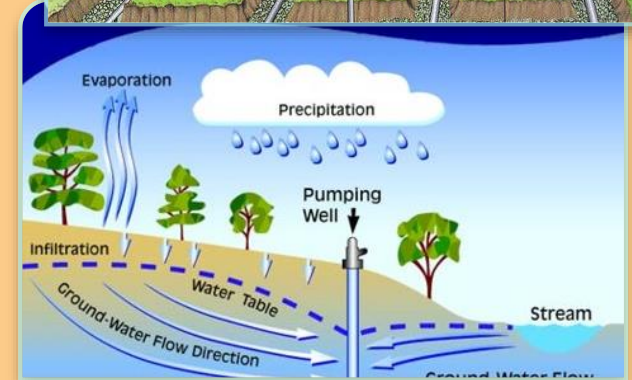
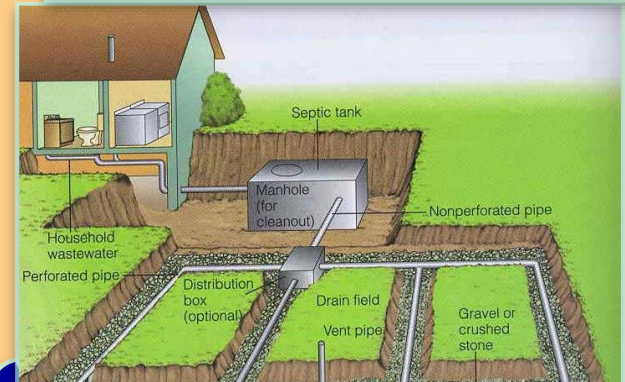
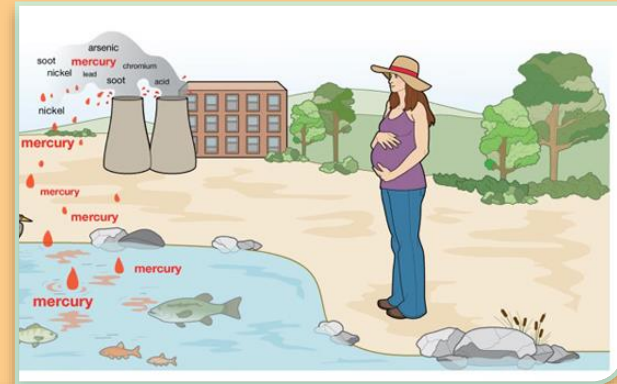
OTHER COSTS ASSOCIATED WITH MEDICAL WASTE DISPOSAL

Health Care

Criminal Justice

Lost Productivity & Efficiency

Pollution



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WHAT ARE THE COSTS?

- Costs with nonmedical use of prescription opioids (health care, criminal justice systems, workplace costs from lost productivity)
 - \$8.6 billion (2001)
 - \$53.4 billion (2006)
 - \$? (2020)
- Stericycle products (**no home pickup**)
 - Sharps disposal by mail (\$4 – \$115)
 - Biohazard bags (\$8 – \$200)
 - Pharmaceutical waste containers (\$15 – \$340)



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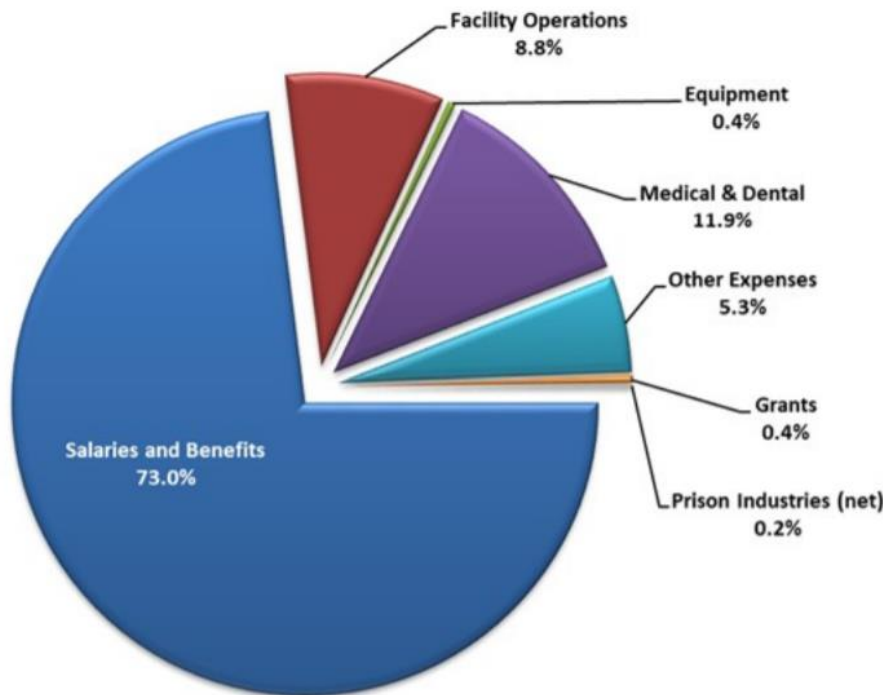


COSTS: NH CORRECTIONAL FACILITIES

SFY 2018 Expenses by Major Expense Classes		
Expense Category	Actual	% of Total Expenditures
Salaries and Benefits	\$ 84,495,263	73.00%
Facility Operations	\$ 10,153,425	8.80%
Equipment	\$ 490,233	0.40%
Medical & Dental	\$ 13,793,736	11.90%
Other Expenses	\$ 6,149,794	5.30%
Grants	\$ 425,705	0.40%
Prison Industries (net)	\$ 217,648	0.20%
Total	\$ 115,725,804	100.0%

(2018 pop. = ~2,700)
(2018 pop. = ~\$5,108/person)

NH DOC Pharmacy
processes 200,000+
prescriptions/year



Pharmacy Refills by Major Description	Total Refills FY2018
Central Nervous System Drugs	82,771
Cardiovascular Agents	39,817
Neuromuscular Drugs	33,411
Analgesic & Anesthetics	14,798
Gastrointestinal Agents	13,285
Respiratory Agents	8,879
Misc. products	7,946
Endocrine/Metabolic Drugs	7,540
Topical Products	5,073
Anti-Infective Agents	4,900
Hematological Agents	4,313
Nutritional Products	2,572
Genitourinary Products	2,271
Antineoplastic Agents	226
Biologicals	1
Total	227,803

COSTS: NH CORRECTIONAL FACILITIES

Data Elements of Interest FY18

Medical & Forensic Services Data Review:

NH Department of Corrections FY18 Community-Based Medical Cost Breakdown			
All Residents			
Age Ranges	Total Patients	FY2018 Costs	Mean Ave
18 through 19	0	\$ -	
20 through 29	172	\$ 314,049.86	\$ 1,825.87
30 through 39	300	\$ 485,864.07	\$ 1,619.55
40 through 49	198	\$ 340,135.56	\$ 1,717.86
50 through 59	178	\$ 356,529.79	\$ 2,002.98
60+	161	\$ 367,668.78	\$ 2,283.66
Total Community Based Medical costs	1009	\$ 1,864,248.06	\$ 1,847.62
Medicaid Paid IP Stays	144 Episodes of Care	\$ 1,923,948	
	Total Cost of Community-based Medical Care	\$ 3,788,196.06	

*Note: These costs represent costs incurred EXCLUDING the static costs of NHDOD medical staff and on-site resources.
Examples: Hospital stays, outpatient procedures, etc..*

Top Highest Pharmaceutical Costs FY18	
Clinical Need	Cost
Hepatitis C	\$1,271,431.83
Inflammatory Disease	\$332,641.89
Human Immunodeficiency Viruses (HIV)	\$328,435.43
Diabetes	\$216,427.87
Total	\$2,148,937.02

Note: This summary does not represent all pharmaceutical costs.



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WHAT ARE THE REGULATIONS AND GUIDELINES?

- CH 318-B: Controlled Drug Act (NH)
- DEA Drug Disposal Information
- Law enforcement agencies who want to host a site...
 - MA: Taylor McCarty (571) 362-9087
 - NH: Bethany Kades (571) 362-8827
 - CH 318-E: Drug Take-Back Program Rules (NH)
 - VT: Chris Paquette (571) 362-8927
- OSHA/HIPPA Compliance



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What to do with Used Sharps in Vermont and New Hampshire

Put used sharps in a strong, plastic container

When the container is 3/4 full, put the lid on, seal it with duct tape and label. DO NOT RECYCLE.



Have a needle clipper? When the needle clipper is full, it can be disposed of according to your state or local regulations. More information can be found [here](#).

Put the plastic container in the household trash - **don't recycle!**



If a trash collector is reluctant to collect a red sharps container, refer them to your [state waste agency](#).

Sharps should never be thrown loosely into the trash or toilet

Sharps that retract after use, or are very small, should be disposed of like all other sharps.

If you would like to bring your sealed container to a community sharps disposal program, there are drop-off locations in several cities and towns.

[See disposal locations](#)

[Get more info on state guidelines](#)

<https://safeneedledisposal.org/>

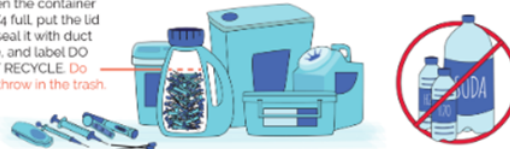
Safe Needle Disposal.org

What to Do with Used Sharps in Massachusetts

Massachusetts residents must take sealed containers of used sharps to a drop-off site or arrange a mail-back service. Please check this page for disposal options in your area. If there is no disposal program near you, contact your local health department or solid waste department.

Step 1 — Put used sharps in a strong, plastic container

When the container is 3/4 full, put the lid on, seal it with duct tape, and label DO NOT RECYCLE. Do not throw in the trash.



Have a needle clipper? When the needle clipper is full, it can be disposed of according to your state or local regulations. More information can be found [here](#).

Step 2 — Use the Zip Code search at the top of this page to locate container disposal options near you.

Search for local disposal options:

Enter ZIP Code

Distance (MI)

10

Search

Step 3 — Never throw used sharps – loose or in a plastic container – into the trash or toilet, and never recycle.

Sharps that retract after use, or are very small, should be disposed of like all other sharps.



Most cities and towns in Massachusetts have disposal locations. Call the program to confirm if there are any container requirements, disposal fees or residency restrictions. [Click here](#) for information on pharmaceutical company takeback programs.

[See disposal locations](#)

[Get more info on state guidelines](#)

<https://safeneedledisposal.org/>



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Mass.gov Sanitation Directives

Safe Needle Disposal

Be Smart. Use a Sharps Container.

A sharps container is a single-use container that is filled with used medical needles and then disposed of safely. These can be purchased at pharmacies, medical supply stores or ordered through the mail. If you do not have access to a sharps container, place sharps in a puncture resistant container such as a rigid plastic bottle or coffee can with a secure cap. These items must be disposed of at a drop off site or through a medical mail back service.

- DO** Visit a medical supply store to purchase sharps containers.
- DO** Check out these sharps mail back services. They provide a variety of container sizes and prepaid mailing cartons:
 - **Medasend:** 800-200-3581
 - **Stericycle:** 800-355-8773
 - **Sharps Compliance, Inc:** 800-772-5657

Be Careful.

Protect yourself, your community, your environment, and family and friends. The proper disposal of needles and syringes is important!

- DO** Put used syringes in sharps container immediately.
- DO** Keep needles away from children and pets.
- DO** Bring a sharps container when traveling.
- DO NOT** Throw sharps in the garbage or recycling bins.
- DO NOT** Flush sharps down the toilet or drop into storm drains.
- DO NOT** Clip, bend or recap needles.

Proper Use and Disposal of Needles and Syringes

Be Smart. Be Careful. Be Aware. Be Safe.

If you're one of the many people in Massachusetts who uses syringes to manage your health care at home, here's what you need to know about the safe use and disposal of needles, syringes and lancets (sharps).

Be Smart. Use a Sharps Container.

A sharps container is a single-use container that is filled with used medical needles and then disposed of safely. These can be purchased at pharmacies, medical supply stores or ordered through the mail. If you do not have access to a sharps container, place sharps in a puncture resistant container such as a rigid plastic bottle or coffee can with a secure cap. These items must be disposed of at a drop off site or through a medical mail back service.

DO Visit a medical supply store to purchase sharps containers.

DO Check out these sharps mail back services. They

DO NOT Put sharps in the household trash. As of July 1, 2012, medical waste regulations do not allow the disposal of sharps in household garbage. your filled sharps container to the sharps disposal (drop-off) site in your community. as disposal programs may be ongoing or scheduled on specific dates, as determined by city or town.

proper disposal of needles and syringes is

in sharps in the garbage or recycling bins. sharps down the toilet or drop into drains. bend or recap needles.

recycling bins. See the attached list to find your local board of health for information.

in the same spot over and over again. needles, syringes, cookers, cotton etc.

in (M.G.L. chapter 111, section 127A) infectious or physically dangerous, medical or waste in quantities of up to 25,000 or two years' use.

Massachusetts Department of Public Health - October 2009

Mass.gov - Medical waste - Community Sanitation



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REMEMBER:

- STRONG
PLASTIC
CONTAINER
- LABELED
- TAPED



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SAFE MEDICATION DISPOSAL – EDUCATION NH for Parents and Guardians

- Ninety percent of drug exposures reported annually to poison control centers happen in the home.
- Disposing of unused medications properly can prevent poisoning and pollution
- How do I properly dispose of medications?
 - DETERRA Pouches to safely dispose of opioids and other medications
 - POLICE STATION PRESCRIPTION DRUG DROP BOXES.
 - DRUG TAKE BACK DROP BOXES.
 - DISPOSE OF AS DIRECTED ON YOUR PRESCRIPTION BOTTLE
 - DO IT YOURSELF: Empty medication (liquid or pills) from the bottle or packaging and mix with an unappealing substance such as dirt, cat litter, or used coffee grounds. Do not crush tablets or open capsules. Place the mixture in a container such as a sealed plastic bag. Dispose of the container in your trash at home.

STRATEGY #2: EDUCATE YOUR CHILD ABOUT ADDICTION AND MISUSE OF OPIOIDS AND OTHER PRESCRIPTIONS OR OVER-THE-COUNTER MEDICATIONS



Disposing of Medicine and Sharps in the North Country

How to Dispose of Medicine in your Household Trash

- 1) Pour medicines in to a sealable plastic bag with a Ziploc.
- 2) If the medicine is a solid, add a small amount of water to dissolve it.
- 3) Add coffee grounds, kitty litter, or something similar to the liquid medicine in the plastic bag.
- 4) Seal the bag and immediately dispose of it in the trash.
- 5) Use a marker to black out any personal contact information on the empty medicine container. Empty medicine containers may be recycled; check with your local Transfer Station to see if they accept cardboard or certain types of plastic.

IMPORTANT NOTE: The FDA recommends flushing medications only in the event that you do not have any options for disposal at that time. Medications that are encouraged to be flushed in these circumstances include, but are not limited to, opioids, fentanyl patches, and other highly addictive substances.

Why

- 1) Protect Properly dispose of medicines that in your local Misuse of highly dangerous prevalence in Country.
- 2) Protect Studies have amounts of surface water, groundwater, and in fish when improperly disposed of by flushing or pouring down the drain.

ADDITIONAL NOTE: The FDA recommends flushing medications only in the event that you do not have any options for disposal at that time. Medications that are encouraged to be flushed in these circumstances include, but are not limited to, opioids, fentanyl patches, and other highly addictive substances.

WHAT'S ACCEPTED IN DROP-BOXES

- All pharmaceuticals and over-the-counter medicines that have not been used or are expired.

WHAT'S NOT ACCEPTED

- Sharps, syringes, and other sharp objects
- Solid bandages
- Disposable sheets and clothing
- Medical gloves

North Country Council
Regional Planning Commission &
Economic Development District
161 Main Street
Littleton, NH 03561
(603) 444-6303
info@nccouncil.org

Drinking and Groundwater Bureau
New Hampshire Department of Environmental Services
Contact: Brandon Kerwin
(603) 271-0660
brandon.kerwin@des.nh.gov
www.nh.gov/medwaste

North Country Health Consortium
382 Cottage Street
Suite 230
Littleton, NH 03561
(603) 259-3700
http://www.nchc.org

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December 2019

NORTH COUNTRY COUNCIL
Regional Planning Commission and Economic Development District
161 Main Street
Littleton, NH 03561
(603) 444-6303
www.nccouncil.org

Disposing of Medicine in the North Country

A Quick-Guide to the How You Can Responsibly Dispose of Medical Waste



DIRECTORY OF MEDICINE & SHARPS DROP-OFF LOCATIONS IN THE NORTH COUNTRY

Resource sheet produced by North Country Council
April 2020

WHAT TO BRING

MEDICINE WASTE

- All pharmaceuticals and over-the-counter medicines that have not been used or are expired

SHARPS WASTE

- Hypodermic needles, syringes, lancets, and infusion sets

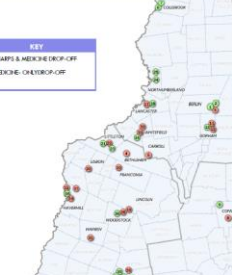
WARNING: NEVER PLACE SHARPS IN A MEDICINE-ONLY DROP-BOX.

WHAT NOT TO BRING

- Soiled bandages
- Disposable sheets or clothing
- Medical gloves

KEY

- SHARPS & MEDICINE DROP-OFF
- MEDICINE-ONLY DROP-OFF



PREPARING YOUR DROP-OFF

MEDICINE DROP-OFF

- 1) Place unopened medications in a sealed bag or in their original container.
- 2) Use duct tape to seal over packaging to ensure they do not open in the drop-box.
- 3) If using the original container, make sure your personal information has been blacked-out with a permanent marker or completely removed.

SHARPS DROP-OFF

- 1) Place sharps in a puncture-resistant container such as a detergent bottle. You may also use the container(s) that your sharps were given to you.
- 2) Make sure the cap is lid is securely in place and then use duct tape to ensure it does not open in the drop-box.
- 3) If using the original container, make sure your personal information has been blacked-out with a permanent marker or completely removed.

LOCATIONS

ACCEPTS SHARPS

WARREN

31) Ammoniac Community Health Services
50 Union Rd
333 NH-25
(603) 764-5704

WHITEFIELD

32) Whitefield Police Department
50 Union Rd
(603) 837-9086

33) Ammoniac Community Health
14 King Square
(603) 837-2333

34) Weeks Medical Center-Whitefield
8 Cover Ln
(603) 837-9005

WOODSTOCK

35) Woodstock Police Department
165 East River Road
(603) 745-2234

WOODSVILLE

36) Cottage Hospital
90 Southwater Road
(603) 747-9000

37) Ammoniac Community Health Services
77 Southwater Road
(603) 747-9000

4) Upper Connecticut Valley Hospital
181 Center St
(603) 257-4971

8) Conway Police Department
35 East Conway Road
(603) 354-5715

9) Memorial Hospital
227 White Mountain Hwy
(603) 258-5461

10) Franconia Police Department
814 Main Street
(603) 833-7925

17) Lancaster Police Department
11 Mechanic Street
(603) 788-4402

18) Weeks Medical Center
173 Middle St
(603) 788-4911

19) Lincoln Police Department
148 Main Street
(603) 745-2236

20) Lisbon Police Department
46 School Street
(603) 838-6712

26) Plymouth Police Department
334 Main Street
(603) 536-1804

27) Plymouth Fire Department
42 Highland Street
(603) 536-1253

28) Spauld Memorial Hospital
18 Hospital Road
(603) 536-1120


29) Spauld Primary Care
103 Boulder Point Dr
(603) 536-1181

30) Mid-State Health Center
101 Boulder Point Dr
(603) 536-3898


This guide was produced by North Country Council
Please contact us with new drop-off locations, changes to this current list, or any other questions.
info@nccouncil.org
PHE-NE (603) 444-6303
161 Main Street, Littleton, NH 03561
FAX: (603) 444-5988

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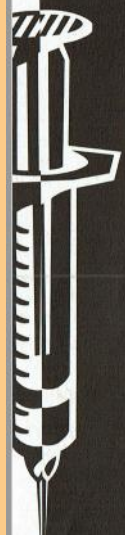
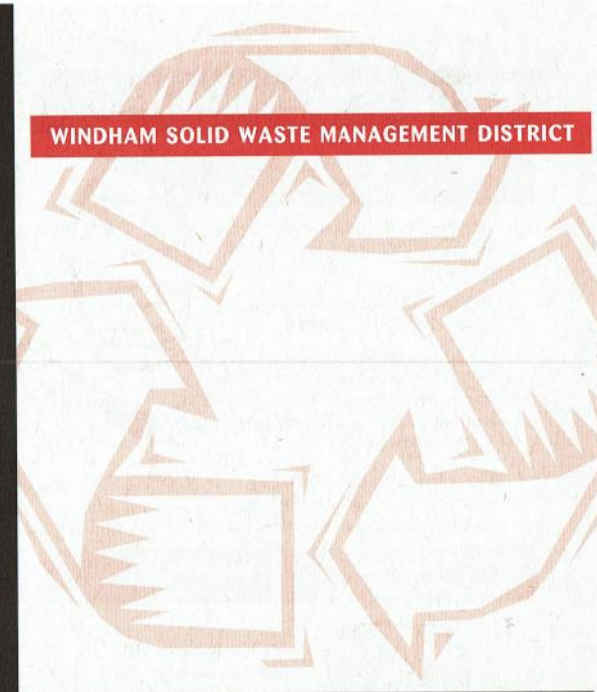
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Windham Solid Waste Management District






WINDHAM SOLID WASTE MANAGEMENT DISTRICT

OPEN MONDAY-FRIDAY 8-3:30, SATURDAY 8-12
327 OLD FERRY ROAD, BRATTLEBORO, VERMONT
 802-257-0272 www.windhamsoildwaste.org

PRINTED ON RECYCLED PAPER

**DISPOSAL TIPS
FOR HOME
HEALTH CARE
PRODUCTS**

- Needles
- Lancets
- Syringes
- Soiled bandages
- Disposable sheets
- Medical gloves
- Prescription medicines
- Mercury fever thermometers

Proper handling and disposal of these wastes are critical to minimize risks to public health and safety and to the environment.

WINDHAM SOLID WASTE MANAGEMENT DISTRICT



22 Vermont
Locations
available on
Health
Vermont
Website



Your Solution Starts Here.



Browse Service Category

[BACK](#) [Search Hints](#)



Substance Use

Once you have selected a service term, you can click on [?](#) to see a definition of the service.

- [Detox / Residential / Inpatient Treatment](#)
- [Medication Assisted Treatment \(MAT\) / HUBs](#)
- [Needle Exchange, Medication and Sharps Disposal](#)

[Medication Disposal](#) [?](#)

[Needle Exchange/Distribution Programs](#) [?](#)

[Sharps Disposal Programs](#) [?](#)

- [Outpatient and Drop-In Substance Use Services](#)
- [Smoking/Vaping Cessation](#)
- [Substance Use Support Groups](#)



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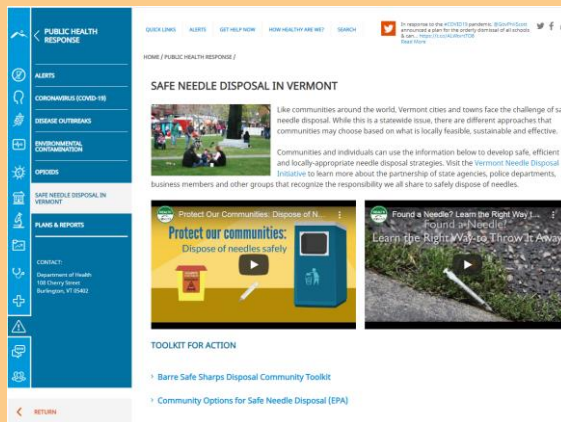
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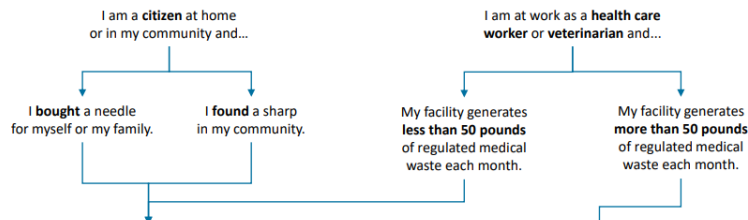


Health Vermont Safe Needle Disposal



Safe Needle Disposal: What Should I Do?

What you do depends on who and where you are.



Place needles in a thick plastic container, like a laundry detergent bottle, and throw it away with the regular trash.

Learn more: www.healthvermont.gov/needledisposal

What is regulated medical waste?

Regulated medical waste is waste generated in health care facilities, by licensed health care professionals or at trauma scenes that contains blood or other potentially infectious materials or animal infectious waste. This includes any needles or syringes (unused or used) that have been removed from original packaging.

Learn more: www.healthvermont.gov/needledisposal



What To Do With A Found Needle

With a few simple steps, it's OK to throw it away.

1 Put on heavy duty gloves and use pliers or tongs to place the needle in a **thick plastic container** like a laundry detergent bottle.



2 Screw on the lid and seal it well with strong tape, like duct tape.



Tip: look for "HDPE 2" imprinted in the plastic.

3 Write "**Do Not Recycle**" on the container and throw it away in the regular trash.



If you are stuck by someone else's needle:

1. Wash the wound well with soap and water.
2. Seek medical attention right away.

Learn more: www.healthvermont.gov/needledisposal



WARNING: SYRINGES

DO NOT RECYCLE

KEEP OUT OF REACH OF CHILDREN!

LABEL: Apply label to a rigid plastic container with a screw-on lid, such as a laundry detergent bottle. Bottles stamped with ♻️ on the bottom are best. **DO NOT USE SODA BOTTLES OR ANY OTHER THIN PLASTIC CONTAINER.** Needles can puncture them.

STORE: Carefully put each of your used syringes into the bottle.

SEAL: When bottle is 2/3 full, put heavy tape over the screw-on bottle cap for disposal.

DISPOSE: Dispose of the bottle in your household trash—**NOT in your recycling bin!**



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WHAT ARE THE NEXT STEPS?

- Expand public outreach/education
- Initiate a pilot program?
- Set up another year-round drop box?
- Other ideas?



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Resources – Medical Waste Disposal

Northeast Resource Recovery Association

- <https://nrrarecycles.org>

Lakes Region Planning Commission - NH

- <http://www.lakesrpc.org/serviceshww.asp>

Vermont Department of Health – Safe Needle Disposal in VT

- <https://www.healthvermont.gov/response/safe-needle-disposal-vermont>

ArcGIS Mapping (NH Drug Monitoring Initiative)

- <https://www.arcgis.com/apps/MapSeries/index.html?appid=fc64bc08d7724f0d8a47c128832a98a2>

DEA Diversion Control Division

- <https://www.deaiversion.usdoj.gov/index.html>

Stericycle

- <https://www.stericycle.com/>

Med Waste Disposal

- <http://www.mwastedisposal.com/>

Safe Needle Disposal

- <https://safeneedledisposal.org/>, <https://safeneedledisposal.org/states/new-hampshire/>,
<https://safeneedledisposal.org/states/vermont/>, <https://safeneedledisposal.org/states/massachusetts/>

CDC COVID-19

- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/faq.html>

OSHA Guidelines Solid Waste

- <https://www.osha.gov/SLTC/covid-19/controlprevention.html#solidwaste>



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Resources – Medical Waste Disposal

What Waste Collectors and Recyclers Need to Know About COVID-19

- <https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/waste-collection-recycling-workers.html>

Vermont 211 – Needle Exchange, Medication and Sharps Disposal

- <https://www.navigateresources.net/211vermont/Subcategory.aspx?;0;;N;0;290172;Substance%20Use>

Safe Medication Disposal – Education NH

- <https://nhsna.wildapricot.org/EmailTracker/LinkTracker.ashx?linkAndRecipientCode=5DxpLCCkxldbYKS7%2f8u6WMWij6zflPN11mJZBRo2LEw8KdEtguaGUvkmWYJEtMqxPizpaJeorHQZHFG7dpVy7mGd1QBCvKZCQn1GrH59Eb4%3d>

Medical Waste Disposal in the North Country of NH

- <http://www.nccouncil.org/wp-content/uploads/2020/03/Disposing-of-Medicine-Waste-in-the-North-Country.pdf>

NH DHHS Syringe Service Program (SSP) website

- <https://www.dhhs.nh.gov/dphs/bchs/std/syringe-service.htm>

2019 NH SSP Report

- <https://www.dhhs.nh.gov/dphs/bchs/std/documents/sspreport-2018-2019.pdf>

Rules/Regs for Sharp Collection Sites

- <https://www.dhhs.nh.gov/dphs/bchs/std/operating-syringe-program.htm>

CDC Determination of Need for SSPs

- https://www.cdc.gov/ssp/determination-of-need-for-ssp.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fhiv%2Ffrisk%2Fssps.html

SSP Developing, Implementing, and Monitoring Program Toolkit

- <https://www.cdc.gov/hiv/pdf/risk/cdc-hiv-developing-ssp.pdf>



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Resources – Medical Waste Disposal Video

Health Vermont - Protect our Communities: Dispose of needles safely Video

- <https://youtu.be/tFVbLwTyOMs>

Health Vermont - Found a Needle? Learn the Right Way to Throw it Away Video

- <https://youtu.be/fhX0TwtKQao>

Needle Disposal at Windham Solid Waste Facility, Brattleboro, VT

- <https://www.youtube.com/watch?v=aJfJS3RaWn0>



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Please take the survey at the end of the webinar.



Summer Webinar Series- Coming Next



Extended Product Responsibility

Presenters: Terri Goldberg, Executive Director, Northeast Waste Management Officials' Association; Megan Pryor, Environmental Specialist, Maine DEP, Division of Material's Management

Wednesday, Aug 26

12:00-1:00 pm (special Wednesday Time)

We Need to Think About Clothing Differently

Presenter: Joe Whitten, Founder and CEO of Apparel Impact

Friday, Aug 28

12:00-1:00 pm