



# Welcome to Northeast Resource Recovery Association's

## Summer Webinar Series

# Need Professional Credits?



- Receive 1 hour of credit for NH Operators from NHDES 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](http://nrrarecycles.org)



For Registration:  
nrrarecycles.org

Operator Track - Wednesdays 9:00 am - 10:00 am		
Date	Webinar	Presenters
August 12, 2020	<a href="#">Educate, Don't Contaminate! A Toolkit to Clean up Recycling</a>	Lucy Perkins and Matt Grondin, ecomaine
	Break	
August 26, 2020 at 12:00	<a href="#">Extended Producer Responsibility</a>	Terri Goldberg, NEWMOA; Megan Pryor, MEDEP
September 2, 2020	<a href="#">Tricks of the Trade</a>	Joan Cudworth, Hollis; Ed Walsh, Rollinsford; Brian Patnoe, Littleton, NH
September 9, 2020	<a href="#">MA Mattress Recycling Incentive Grant Program</a>	Rachel Smith, MADEP



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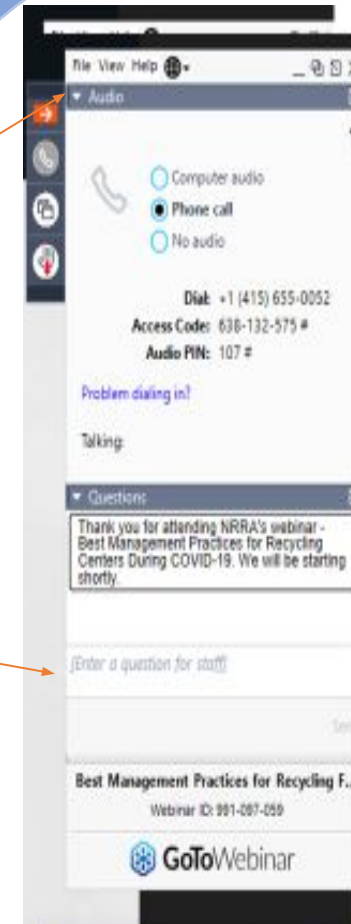
**Educator/Community Track - Fridays 12:00 - 1:00 pm**

Date	Webinar	Presenters
August 14, 2020	<a href="#">Medical Waste: Needles, Pharmaceuticals, Vaping and More</a>	Cindy Sterling, NRRA
August 21, 2020	<a href="#">Event Waste Reduction: Thinking Outside the Bin for Your Event Part I</a>	Cindy Sterling, NRRA
August 28, 2020	<a href="#">We Need to Think About Clothing Differently</a>	Joe Whitten, Apparel Impact
September 4, 2020	<a href="#">Cafeteria Sorting Stations</a>	John Jose, CVSWMD
September 11, 2020	<a href="#">Event Waste Reduction: Styling Your Event Recycling Plan Part 2</a>	Cindy Sterling, NRRA



# 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!

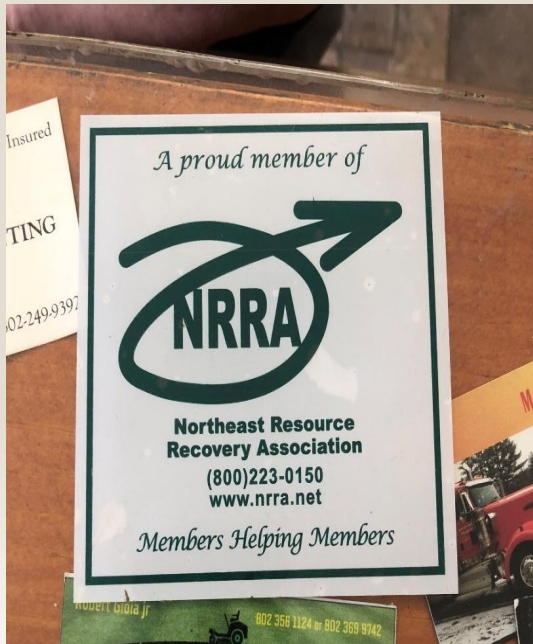


# About NRRRA

- 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







The webinar will begin soon!



# The 6th R: Cultivating a Culture of Repair

**Cassandra Hemenway**, Central Vermont Solid Waste Management District

**Ollie Cultrara**, ECO AmeriCorps, Addison County Solid Waste Management District



# The 6th R: Cultivating a Culture of Repair

**Cassandra Hemenway**, Central Vermont Solid Waste Management District

**Ollie Cultrara**, ECO AmeriCorps, Addison County Solid Waste Management District



# What is a Repair Café?



- Free meeting place all about repairing things
- Cultivates culture of repair
- Taps into local resources
- Started by Martine Postma, who founded Repair Café Foundation



# Why Repair Cafes?



- Reduce landfill waste
- Cultivate culture of repair
- Confirm the right to fix it
- Build community



# Repair Manifesto

ifixit.com

## Culture of Repair:

- Teaching & learning
- Empowering people!
- Right to Repair - a national movement



# REPAIR MANIFESTO

WE HOLD THESE TRUTHS TO BE SELF-EVIDENT

IF YOU CAN'T FIX IT, YOU DON'T OWN IT.

## REPAIR IS BETTER THAN RECYCLING

Making our things last longer is both more efficient and more cost-effective than mining them for raw materials.

## REPAIR SAVES YOU MONEY

Fixing things is often free, and usually cheaper than replacing them. Doing the repair yourself saves you money.

## REPAIR TEACHES ENGINEERING

The best way to find out how something works is to take it apart.

## REPAIR SAVES THE PLANET

Earth has limited resources. Eventually we will run out. The best way to be efficient is to reuse what we already have.



REPAIR **CONNECTS**  
PEOPLE AND THINGS

REPAIR IS WAR ON  
**ENTROPY**

REPAIR IS  
**SUSTAINABLE**

**WE HAVE THE RIGHT:**  
TO DEVICES THAT CAN BE OPENED  
TO REPAIR DOCUMENTATION FOR  
**EVERYTHING**

TO CHOOSE  
OUR OWN REPAIR TECHNICIAN  
TO NON-PROPRIETARY  
**FASTENERS**

TO REMOVE 'DO NOT REMOVE' STICKERS

TO REPLACE  
CONSUMABLES OURSELVES  
TO REPLACE  
TROUBLESHOOTING  
INSTRUCTIONS &  
FLOWCHARTS

TO REPAIR THINGS  
IN THE PRIVACY OF OUR OWN HOMES

TO ERROR CODES &  
WIRING DIAGRAMS

TO AVAILABLE, REASONABLY-PRICED SERVICE PARTS

BECAUSE **REPAIR**  
IS INDEPENDENCE  
SAVES MONEY & RESOURCES

REQUIRES  
CREATIVITY

MAKES CONSUMERS INTO  
CONTRIBUTORS

INSPIRES  
PRIDE IN OWNERSHIP



# Knowledge Sharing

We learned from others;  
others learned from us.



# CVSWMD Getting Started



- Inspired by webinar
- Wrote a program plan & grant for ECO AmeriCorps member.
- Found partner organizations
- Worked with community groups





# Local Resources & Partnerships



Center for an  
Agricultural  
Economy



front porch forum™  
HELPING NEIGHBORS CONNECT



Montpelier  
Senior  
Activity Center

# CVSWMD Beginning Steps



- Reached out to other RC organizers
- Formed partnership with ORE
- Scoped out locations - Recruited fixers
- Set up outreach plan - Got media attention



# Organizing Process



1. Pick place & time
2. Recruit volunteers
3. Advertise
4. Gather materials
5. Host event
6. Evaluate results

**Got Broken Stuff?**  
*Get it fixed for free at the Repair Fair!*

**Thursday, November 14**  
4 - 8 pm  
**Hannaford Career Center**  
51 Charles Ave,  
Middlebury

**Volunteer fixers skilled in:\***  
*Sewing                      Bikes*  
*Appliances                Jewelry*  
*Furniture                    ... and more!*  
*Woodworking* \*List subject to change

*While you're there, check out the Makery at the Hannaford Career Center!*

Learn new skills and save your stuff from the trash. Plus, refreshments, kids' activities, and a raffle you don't want to miss!

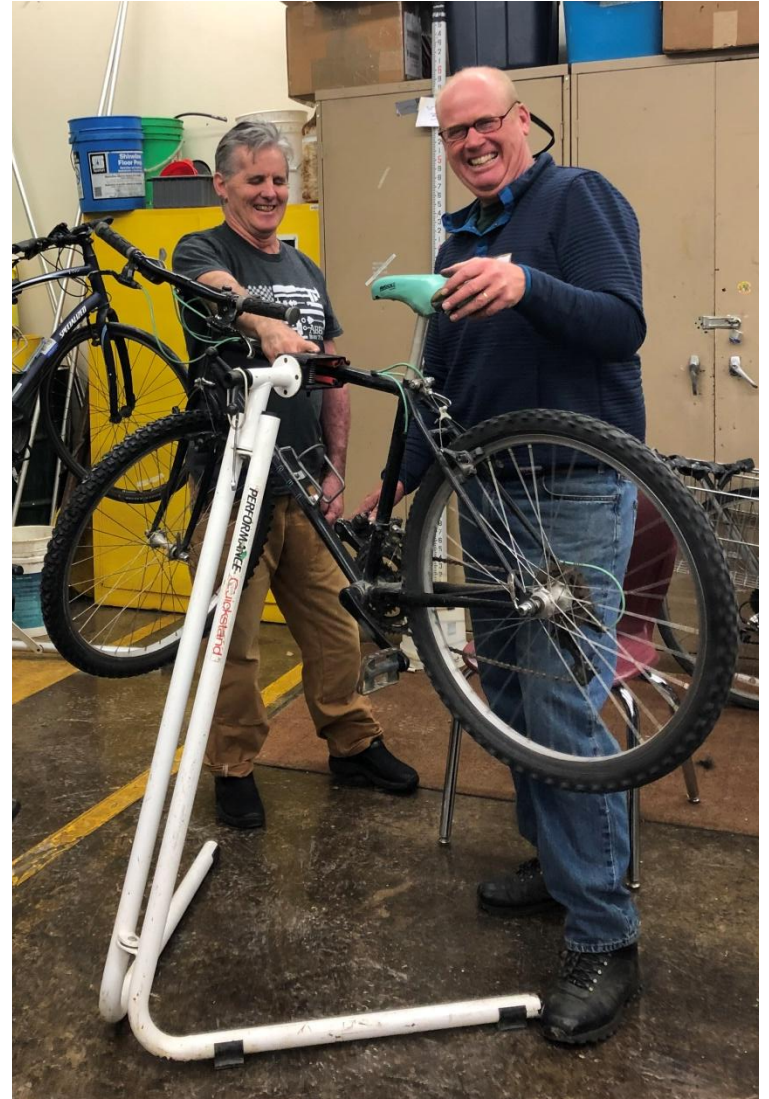
For questions, accessibility info, or to volunteer, email [ollie@acswwmd.org](mailto:ollie@acswwmd.org).

Brought to you by:  
**Addison County Solid Waste Management District**  
[AddisonCountyRecycles.org](http://AddisonCountyRecycles.org) | (802) 388-2333



# Volunteers

- Recruiting
  - Fixers
  - Event volunteers
- Supplies
- Keep them happy
- Encourage fixers to work together



# No Guarantees

- Waivers
- Waive volunteer liability
- House Rules poster
- One item at a time



# Event Layout & Flow



## 1. Check-in table

Sign rules & waiver. Fill out routing slip.





# Event Layout & Flow

## 2. Routing table

Weigh item. Leave item & routing slip. Volunteer chooses item and calls out name.





# Event Layout & Flow

## 3. Repair tables

Attendees participate as fixer repairs item.





# Event Layout & Flow



## 4. After the event

Homework sheet for next steps. Connect with fixers and other repair services.





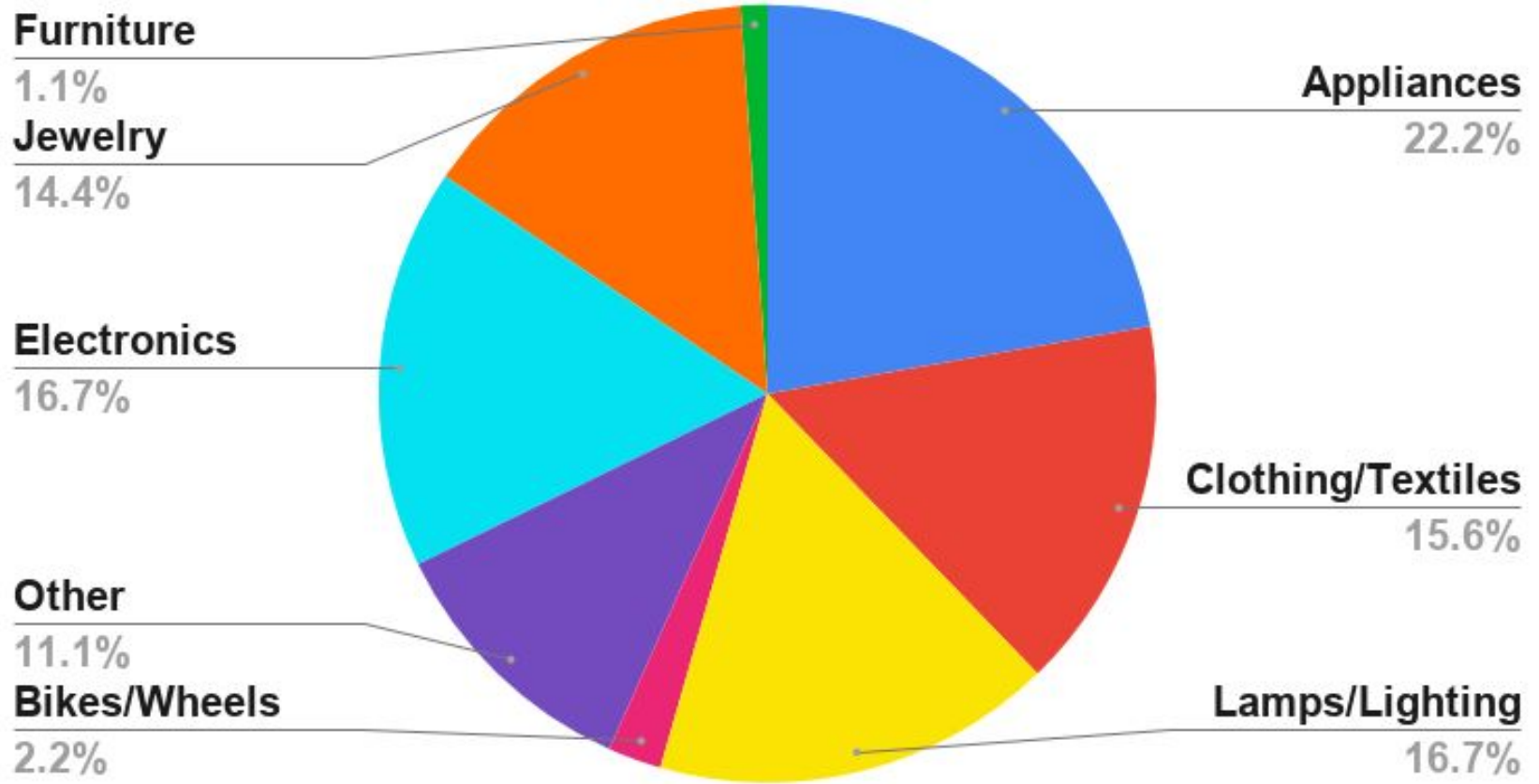
# Other Activities

- Take-apart table
- Resource table
- Arts & crafts
- Massage therapist





# Data Collection



# Food





# What Worked

- Participants bringing parts
- Cafe area
- Data collection
- Taking pictures



# What Worked



- Reached out to RC organizers in other states
- Community Partner
- Scoped out potential locations
- Got media attention
- Community RC Committee
- Waiver



# Lessons Learned



- Lots of paperwork
- Signing in on laptops did not work
- Fixer cancellations led to long wait times





# Lessons Learned

- Training next person/group to organize
- Need a budget!
- Formalizing partnerships
- Communicating with partners





# Future Directions

- Repair & diagnostic tutorial videos
- Pre-registering attendees
- Smaller, more frequent events
- Outdoor events
- Online workshops



# Resources



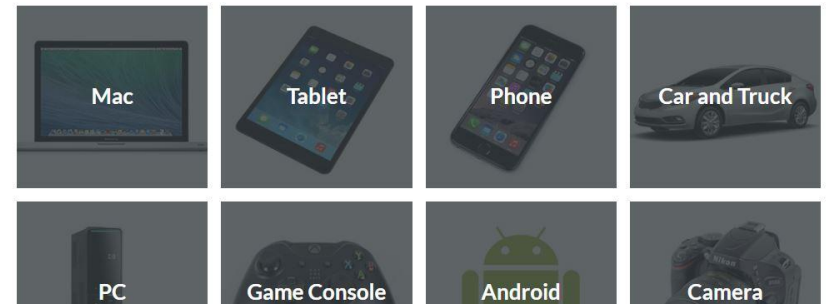
- RepairCafe.org
- iFixit.com
- fixitclinic.org
- cvsmd.org/repair-cafe-tool-kit

**IFIXIT** Fix Your Stuff Right to Repair Parts & Tools Search

## Repair Guides

[Learn More](#) [Create a Guide](#)

What do you need to fix?



# Thank you!

Questions?

[cassandrah@cvsmd.org](mailto:cassandrah@cvsmd.org)

[info@acswmd.org](mailto:info@acswmd.org)



**INTERSTATE REFRIGERANT RECOVERY, INC.**

*"Protecting the Environment and Ozone Layer for the Future of Our Children"*



# Thank You to our Sponsors



Please take the survey at the end of the webinar.

# SUMMER WEBINAR SERIES- COMING NEXT



## **Educate, Don't Contaminate! A Toolkit to Clean up Recycling**

**Presenters:** Lucy Perkins is the Sustainability Program Coordinator in South Portland, ME. Matt Grondin is the Communications Manager at ecomaine.

Wednesday, August 12th

9:00-10:00 am



## **Medical Waste: Needles, Pharmaceuticals, Vaping and More**

**Presenters:** Cindy Sterling, Grants Manager at NRRA; Paige Wilson, Solid Waste Manager, Assistant Grant Manager, LRPC; Ben Perham, Education Assistant, NRRA.

Friday, August 14th

12:00-1:00 pm

