

Lakes Region Planning Commission

Solid Waste Management

FY 23



Background of USDA Solid Waste Management Grant

- ❑ LRPC has applied and received funding through this grant program multiple years
- ❑ LRPC has been awarded \$147,300 for FY 23 operations, our largest award yet!
- ❑ The grant helps LRPC fund:
 - SWO (solid waste operator) technical assistance
 - Solid waste research
 - Expansion of our regional HHW collection program
 - Regional purchases
 - Public outreach/ education



Scope of work for FY 23

5 Topic Areas

- 1) SWO Technical Assistance
- 2) Solid Waste Research & Data Visualization
- 3) Expansion of HHW Collections
- 4) Community Facility Development and Regionalization
- 5) Outreach & Education



SWO Technical Assistance- FY 23

LRPC solid waste planner will be hosting 3-5 roundtable sessions (workshops, demonstrations, discussions)

Examples of past round tables:

- ☐ Recycling markets in NH 2021
- ☐ Home composting, The basics and what to consider 2021
- ☐ HHW coordinators meeting 2022
- ☐ School composting, The basics and what to consider 2022



SWO Technical Assistance- FY 23

Food Waste reduction and composting programs

- ☐ Continue to establish composting sites in the Lakes Region with interested communities
- ☐ Improve local food systems
- ☐ Small equipment purchases

A poster for a virtual workshop titled "HOME COMPOSTING: THE BASICS (PART 1)". The poster features a collage of various vegetables like green beans, carrots, and leafy greens in the background. A semi-transparent green circle in the center contains the text. At the top of the circle is the LRPC logo. Below it, the text reads: "LAKES REGION PLANNING COMMISSION PRESENTS", "(PART 1) HOME COMPOSTING: THE BASICS", "CO-HOSTED WITH TAMWORTH RECYCLING PROJECT & COOK MEMORIAL LIBRARY", and "JANUARY 29, 2021 2:00 - 3:30 PM". At the bottom of the poster, outside the circle, is a paragraph of text: "This virtual workshop will cover information about the basic science of composting, the benefits of diverting food waste, and system considerations for your home composting site." data-bbox="591 195 918 807">


LAKES REGION PLANNING COMMISSION
PRESENTS
(PART 1)
HOME COMPOSTING: THE BASICS
CO-HOSTED WITH
TAMWORTH RECYCLING PROJECT
&
COOK MEMORIAL LIBRARY
JANUARY 29, 2021
2:00 - 3:30 PM

This virtual workshop will cover information about the basic science of composting, the benefits of diverting food waste, and system considerations for your home composting site.



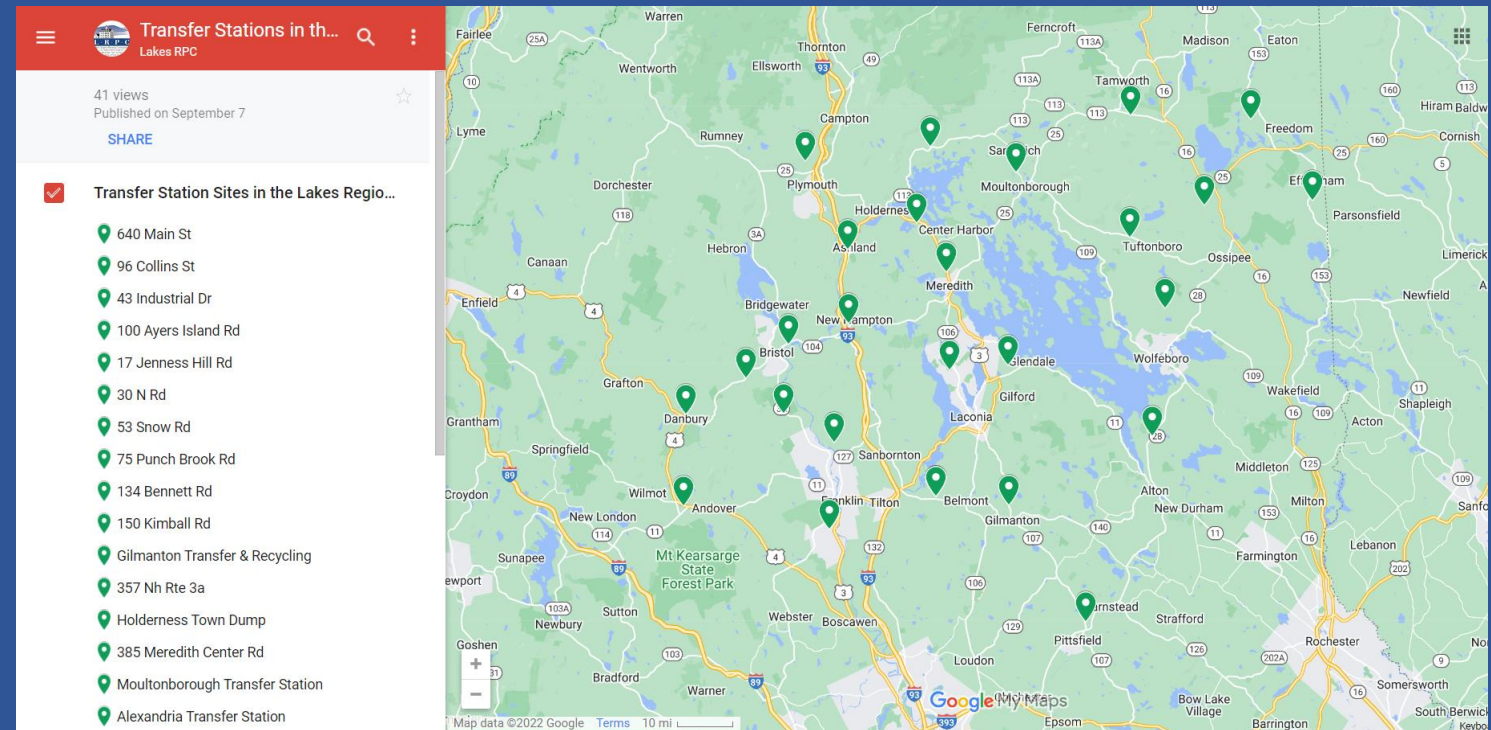
Solid Waste Research and Data visualization

- Identify local trends
- Avoid unnecessary costs
- Find cost saving opportunities
- Data sharing with all communities under our PC



During the summertime, resident populations increase drastically from visiting out of state landowners.

This active map on the LRPC website was created to help seasonal residents find their nearest transfer station. A tool for SWO's in the area to give directions.

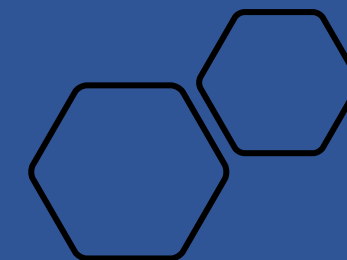


Research to find an active clothing recycling company has given local transfer stations an option to recycle (good, used) clothes for free. After COVID 19, some transfer stations lost their vendor to take clothes.



Battery recycling for rechargeable batteries can be costly to dispose of properly. The call 2 Recycle program was discovered through transfer station visits. Another program discussed with SWO's that gives a cost effect approach to recycling rechargeable batteries.



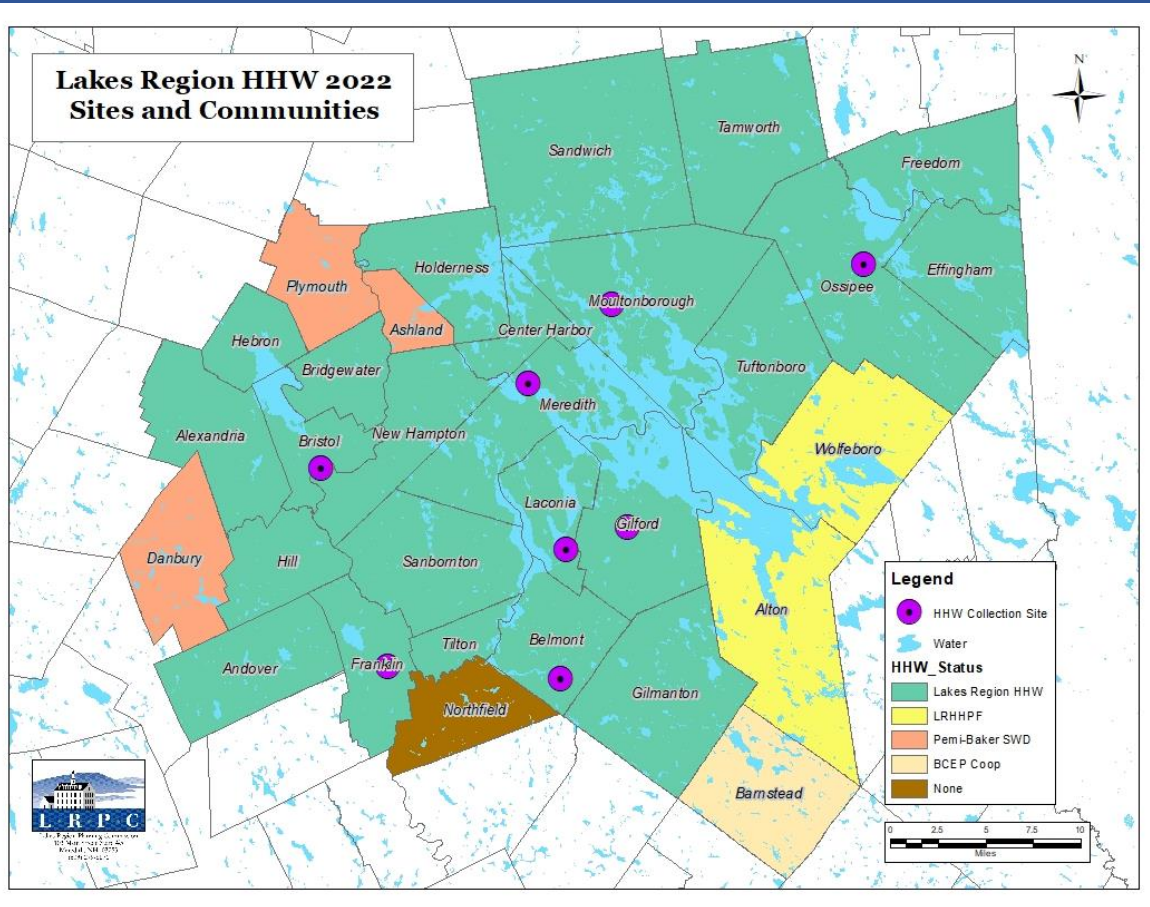


Expansion of HHW Collections*

*Note: HHW
Appropriations were
sent out today.



Basic HHW program information – A Regional Purchase



- Regional Collections
 - 24 participating communities
 - 8 collection sites
 - 2 collection dates (last Sat. July, first Sat. Aug.)
 - LRPC bids & negotiates a regional contract with vendor on behalf of communities**
- Outreach
 - Newspapers, transfer stations, social media, town signs
- Amounts
 - Average nearly 1,800 households/yr
 - Average of more than 70,000 lbs. of hazardous waste removed each year from environment
 - Average of more than 24,000 feet of fluorescent tubing annually
- The Lakes Region HHW program has two major parts:
 - Disposal of waste ~ \$105,000
 - Education, outreach, coordination, and administration ~ \$25,000
- Sources of funding:
 - Municipal appropriations based on # of households ~ \$105,000
 - Competitive grants – NH DES & USDA ~ \$25,000
- Host Sites – Benefits & Costs
 - Convenience for residents
 - Generally greater participation
 - Waste oil for burner
 - Site coordination
 - Staffing
 - Dumpster, refreshments

Alexandria, Andover, Belmont, Bridgewater, Bristol, Center Harbor, Effingham, Franklin, Freedom, Gilford, Gilmanton, Hebron, Hill, Holderness, Laconia, Meredith, Moultonborough, New Hampton, Ossipee, Sanbornton, Sandwich, Tamworth, Tilton, and Tuftonboro



Lakes Region Household Hazardous Waste Collections

Outreach

2022	TOTAL	%
Total Vehicles	1,694	
% of Total Households	100%	
2. Where did you hear about this collection?		
Dump/Transf Sta./DPW	259	15.3%
Radio	1	0.1%
Newspaper	183	10.8%
Flyer/Brochure	77	4.5%
Town Sign	418	24.7%
Word Mouth/Prior knowledge	217	12.8%
Newsletr, e-news, e-blast	72	4.3%
Public Access TV	1	0.1%
Community Web Site	67	4.0%
LRPC Web Site	7	0.4%
DES Web Site	1	0.1%
Facebook	58	3.4%
Town Hall	6	0.4%
Online	66	3.9%
Other - see below	1	0.1%
3. Have you ever attended an HHW collection	1,649	
Yes	999	60.6%
No	637	38.6%
Not Sure	13	0.8%
Percent of first-timers		
Note: Percentages may not total exactly 100% due to incomplete or multiple responses.		
Comments		
Very happy and appreciative to have the HHW event.		
Other: calendar and message board		
Thank you		
Thank you for doing this		
Appreciate us doing this		



2022 Lakes Region Household Hazardous Waste Collections

Keep Our Lakes Region Clean and Beautiful!

Residents and taxpayers may bring up to 10 gallons or 50 pounds of household hazardous waste to one of our regional collection sites for **no additional cost!**

Saturday, July 30 (8:30 AM – 12 PM)

Belmont Fire Station (14 Gilmanton Rd.)
Franklin DPW Garage (43 W Bow St.)
Gifford DPW Garage (55 Cherry Valley Rd.)
Meredith DPW Garage (17 Jenness Hill Rd.)

Saturday, August 6 (8:30 AM – 12 PM)

Bristol Newfound Regional School (150 Newfound Rd.)
Access Bristol site from River Road
Laconia DPW Garage (27 Bisson Ave.)
Moultonborough Hwy Garage (68 Hwy Garage Rd.)
Ossipee Hwy Garage (55 Main St.)

24 PARTICIPATING COMMUNITIES

Alexandria • Andover • Belmont • Bridgewater • Bristol • Center Harbor • Effingham • Franklin • Freedom • Gifford • Gilmanton • Hebron • Hill • Holderness • Laconia • Meredith • Moultonborough • New Hampton • Ossipee • Sanbornton • Sandwich • Tamworth • Tilton • Tuftonboro

On collection day, attendees MUST:

- 1) Put HHW in a **cardboard box** in **open** car trunk or truck bed!
- 2) **STAY IN YOUR VEHICLE!**
- 3) Notify site staff if you want your fuel containers back.
- 4) Follow local mask mandates.



HOUSEHOLD ITEMS

Toxic Art Supplies
Cleaning Fluids
Roofing Tar
Unbroken Fluorescent Bulbs

GARAGE

Car Wax Polish
Antifreeze
Gasoline & Diesel Fuel
Carburetor Cleaners

YARD AND GARDEN

Herbicides/Weed Killer
Pesticides
Pool chemicals
Coal Tar-based Driveway Sealer

WORKBENCH

Paint Strippers
Oil-based Paint
Stains & Varnishes
Spray Paint

ITEMS NOT ACCEPTED:

NO LATEX PAINT!
- Tires
- Electronics
- Ammunition/Fireworks
- Radioactive Materials
- Asbestos and Propane Tanks



Find us on Facebook & Instagram: @lakesrpc

Questions? Call (603) 279-5341 or visit [lakesrpc.org/serviceshww.asp](https://www.lakesrpc.org/serviceshww.asp)



Annual household hazardous waste collection events are organized by the Lakes Region Planning Commission, with financial support from participating communities and the NH Department of Environmental Services.



Lakes Region hazardous waste collection July 30, Aug. 6. (Courtesy photo)

Lakes Region hazardous waste collection July 30, Aug. 6

Safely rid your home of hazardous products such as oil-based paint and stain, lawn and garden chemicals, kitchen and bathroom cleaners, old gas, and cause these products can to the environment, contaminate ecosystems, and bodies of these items properly. It can pollute 250,000 gallons of water.

collection sites in the Lakes Region on either one of the next two Saturdays:
On Saturday, July 30 bring your hazardous waste to the Belmont Fire Station or Public Works Garages in Franklin, Gifford, and Meredith. On Saturday, Aug. 6 HHW will be collected at the Newfound Regional High School in Bristol (enter off River Rd.), the Public Works Garage in Laconia on Bisson Avenue, and the Town Highway Garages in Center Ossipee and Moultonborough. All eight collections will run from 8:30 a.m. to noon.

As a reminder: Latex/Acrylic paint and alkaline batteries are not considered HHW and will not be accepted. These products can go in with the household trash (dry out the paint before disposal).

To get maps to the collection sites, learn more information about wastes, or make a donation to the program, visit the Lakes Region HHW website at www.lakesrpc.org/serviceshww.asp or call 603-279-5341.



Got Waste? Bring it in!

The Lakes Region Household Hazardous Waste (HHW) Collections

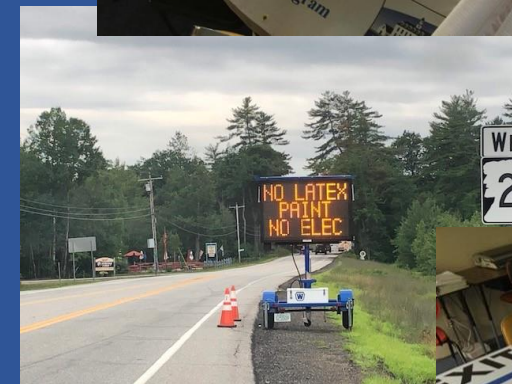
Our first event starts this Saturday!

Come take part in eliminating hazardous waste in New Hampshire's Lakes Region!

We live here, we vacation here, we have roots here!

Towns hosting this Saturday:
Meredith* Gifford* Franklin* Belmont*

For more information please visit <https://www.lakesrpc.org/serviceshww.asp>





Lakes Region HHW 2022 Summary

- Participation – 1,697 Households
- HHW Waste – approx. 54,000 lbs*, > 31 pounds/HH
- Universal Waste – 17,700 ft, 937 CFL, well over 300 gal. of oil
- Costs and Income - Currently a fixed-price disposal contract
 - Costs – Disposal \$102K, Educ. & Outreach \$25K
 - Income – Appropriations \$102K, Grants \$25K
- Local Involvement – More than 350 hrs of match from 65 people

Lakes Region HHW information -
<https://www.lakesrpc.org/serviceshhw.asp>



Lakes Region HHW 2022 Summary

- Other Measures of Success
- Trends in HHW



Participation Levels Events /Facilities

- ▶ Events typically 1% to 5% of households/year

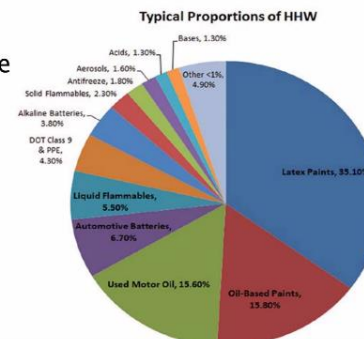
LRPC participation in 2022 = 2.75%
Ranges from <0.75% - 4.8%

Participation to Match HHW Generation Rate

- ▶ Outcome #3: Provide every resident access to HHW services as they have the need
- ▶ Assuming an average HHW generation periodicity of 7.4 years
- ▶ 13.5% annual participation rate represents 100% HHW collection effectiveness

Paint is Largest HHW

- ▶ Architectural paints is the largest part of the traditional HHW collected, often 35–60%



Lakes Region Planning Commission - LRPC
Published by David Jeffers · August 4 ·

Care about water and groundwater in the Lakes Region?
Care about the health and safety of kids?
Care about the environment?
Reduce the likelihood of contamination from leakage, spillage, or accident.
- The Lakes Region Household Hazardous Waste (HHW) Collections Sat. Aug. 6 from 8:30 AM-12:00 PM.... See more

4,075 People reached 474 Engagements [Boost again](#)

Source: NAHMMA Webinar - David Nightingale –
Special Waste Associates



Lakes Region HHW 2023 & beyond

- Some things remain the same
 - Collection dates
- Some things will be changing
 - Some site locations
- Current issues for discussion
 - Universal Waste
- Vendor RFP
 - 2023 will be last year of current fixed-price contract



Community
Facility
Development &
Regionalization

Purchases
that make a
difference!





More bailers mean more profit for the transfer station. Bailing plastics, paper, and tin increases the product value when selling to a vendor.

More storage units for recyclables and paper can mean the difference between having enough storage and not meeting recycling demands with a fluctuating population.



Other Considerations for your Transfer Station

☐ Water and sewer updates

We provide solid waste management to protect water quality in our state.

☐ Large scale storage facility

Protects bailed materials, keeps paper products dry, raises value on materials, allows for more material processing.

☐ Renewable energy implementation

LRPC and New Hampshire Clean Energy are discussing working together. This could provide a connection to renewable energy funding.



Regional Purchase Project

Gilford, NH Styrofoam recycling



Densified #6 polystyrene. This material is ready to be shipped for sale.



? ? ? ?
? ? ? ?

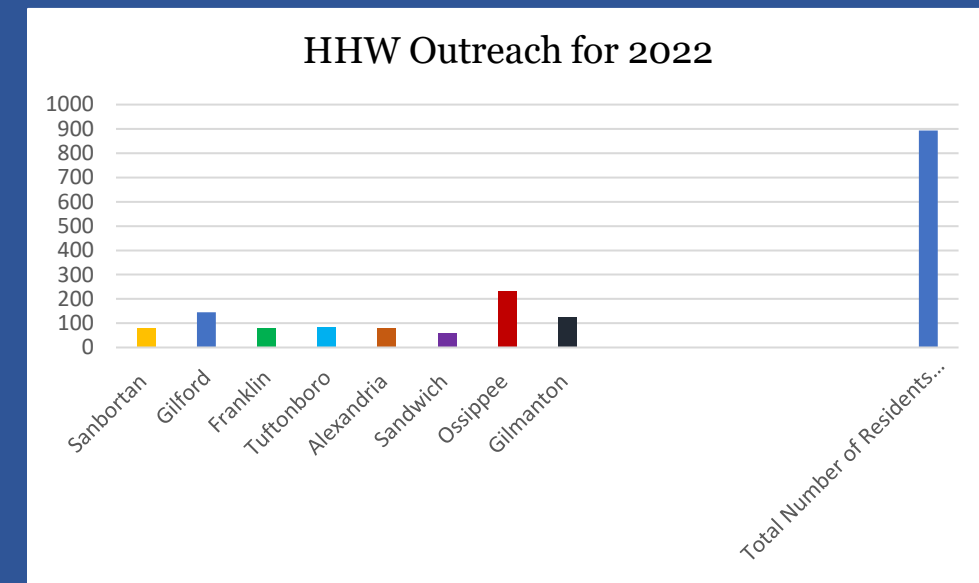
- What are some improvements you would like to see at your local transfer station????



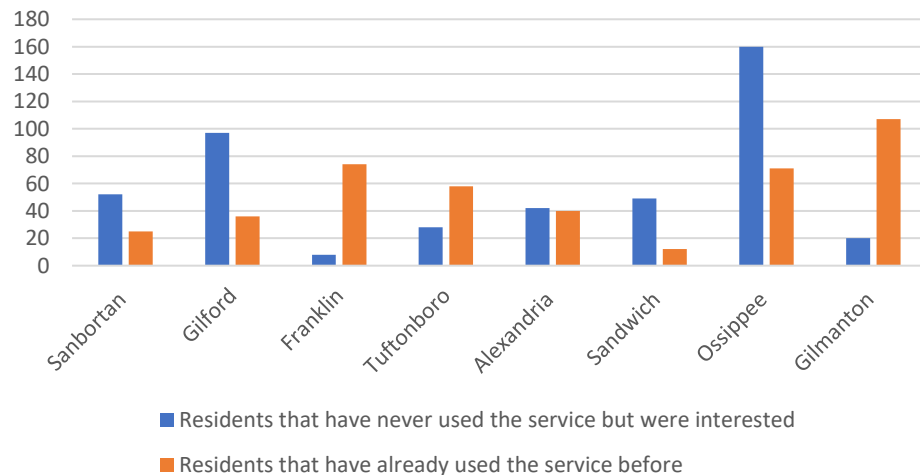
Outreach & Education



- This summer (2022) LRPC Solid Waste Planner, Matt Rose conducted transfer station visits around the Lakes Region to engage residents and talk with them about Household Hazardous Waste disposal.
- Each resident that spoke with Matt received an updated 2022 Household Hazardous Waste Collections pamphlet that provide information regarding the 2022 event.



Who has Attended Before?

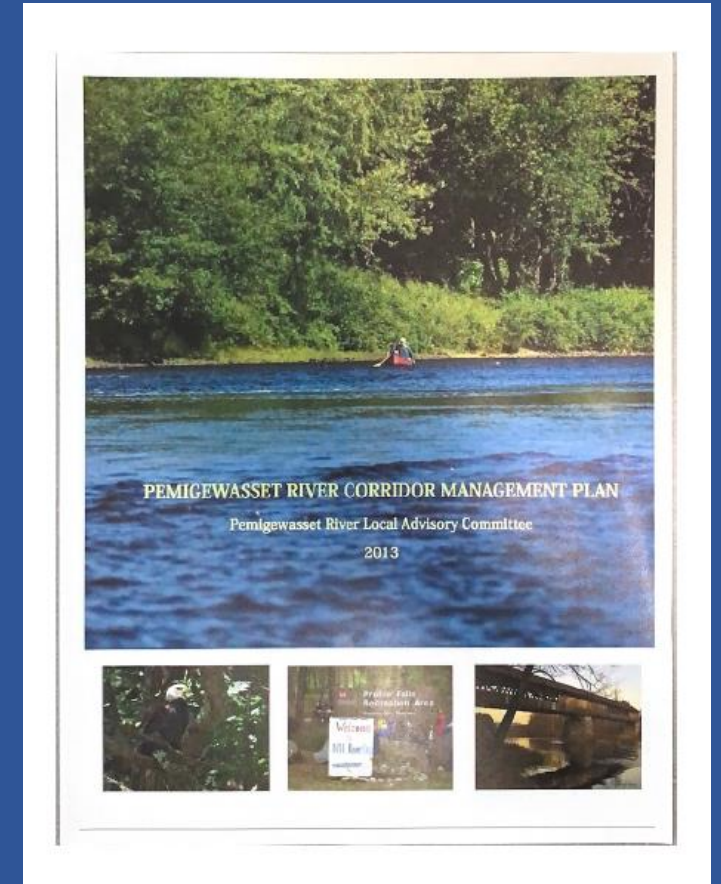


- Total amount of residents reached during visits were: **894**
- Matt also asked each resident if they had attended the event before.

PRLAC and Updating the Pemi River Corridor Management Plan

What the management plan is:

- Inventory of resources within the watershed
- Description of Laws and Regulations governing the watershed
- Community input towards managing the watershed
- Recommendations made by PRLAC representatives



Link to PRLAC Corridor Management Plan page:
<https://www.lakesrpc.org/prlac/prlacmgmtplan.asp>



Why are we talking about water protection?



Are there any
questions for us???

