

Lakes Region Household Hazardous Product Facility 2022 Annual Facility Report

1. Facility Summary

- a. The Lakes Region Household Hazardous Product Facility (LRHHPF) is a permanent facility providing disposal of household hazardous waste (HHW) such as oil base paint, pesticides, toxic cleaners and solvents. The facility was conceived as a joint venture between the Lakes Region Planning Commission, the New Hampshire Department of Environmental Services, and founding member Towns of Alton and Wolfeboro 2002-2022 and Tuftonboro 2013-16. For detailed information on what the facility does and does not accept, see the colored brochure. The facility is open every third Saturday 8:30 AM – 12:00 PM, May through October at the Wolfeboro Facility, and additional second Saturdays in July and September in Alton.
- b. During 2022, the 21st year of the Inter-Municipal Agreement, member towns consist of Alton and Wolfeboro, NH with Wolfeboro continuing as host municipality. Operation of the facility is governed by a 10-year Inter-Municipal Agreement that spells out the method of cost sharing, officers, etc. The agreement also has provisions for other towns becoming members. The Joint Board members during 2022 were: Ryan Heath Chair/Treasurer/Alton Town Admin/member rep; Sarah Silk Vice Chair/Secretary/member rep/Site Coordinator.
- c. Paid (permanent part-time) employees are: Sarah Silk, site coordinator and Laura Parker, Town of Alton Finance Department as the facility finance manager. Licensed Pharmacists provided Pharmacist duties for the June, August, and September special medicine collections. In addition, seasonal part-time employees administer surveys and perform data entry for medicine collections on an alternating basis. These personnel perform their duties at the permanent and satellite sites for consistent recording of essential cost allocation data.
- d. In 2018 was a mid-winter medication-only collection the 3rd Saturday of February at All Saints Church (next to the hospital & across from the Wolfeboro Police Dept.) The mid-winter collection was continued until 2020 when covid-19 caused the venue to become unavailable.

In 2006, Northeast Recycling Council (NERC) and LRHHPF implemented New Hampshire's first ever waste collection of unwanted prescription drugs held during an HHW event. Two medical waste collections are held at the facility and one at the satellite collection in Alton. Wolfeboro participates in the DEA drug drop offs April and October and a drop box in the lobby. Alton accepts meds whenever their Police Department is open.
- e. LRHHPF continues to arrange direct-pay disposal between the waste hauler and small quantity generators with prior notice. The Facility assists NH Dept of Agriculture and DES with compliance by providing appropriate disposal while avoiding substantial mobilization costs to the individual or business. A successful pesticide disposal, primarily for farmers, for the Pesticide Control Div of the NH Dept of Agriculture, Div. of Markets and Foods was held June 12, 2010. The first such collection conducted by the state of NH in twenty years. An EPA grant enabled the farmers to attend at no cost. The contracted fee structure between LRHHPF and Clean Harbors was utilized. Personnel

costs plus disposal fees were reimbursed to LRHHPF for a total of \$19,676.68 as the program was outside the regular LRHHPF budget.

The Site Coordinator has been in contact since 2017 with the NH Agriculture Commissioner and various others in the Pesticide division as they seek grant funding to enable another collection.

Lakes Region Planning Commission (LRPC) has shown interest to incorporate such a collection in a Dept. of Agriculture grant program.

2. Summary of Operations

a. Usage Data

Overall attendance was 733 (719 in 2021) Alton participation decreased slightly at 178 (185 in 2021) and Wolfeboro attendance increased at 389 (355 in 2011). Attendance is expected to return to its previous level when the pandemic issues are resolved. The numbers below reflect households for HHW only (medicine collections not on this chart).

Member Towns	2016	2017	2018	2019	2020	2021	2022
Alton	234	188	217	190	185	178	167
Tuftsboro	51						
Wolfeboro	349	377	349	464	355	389	399
Non-Member Towns							
Alexandria	1					5	
Andover						6	
Barnstead			1		4		10
Barrington				6			
Bartlett					4	9	6
Belmont						3	
Boscawen							
Bridgewater			2				
Bristol					4		
Brookfield		4	1			2	
Campton					5		
Canterbury							4
Center Barnstead						3	
Center Harbor					1	1	1
Chichester			1	3		1	
Concord					1		
Danbury						3	
Deerfield							2
Deering			1	4			
Derry		9	1			3	
Dover		1					
Dunbarton				6			1
Durham							

Effingham	1				1		
Epsom			1			7	
Exeter					3		2
Farmington					5		
Franconia				1			
Franklin						3	
Freedom					6		
Gilford	1		2	3	17	1	
Gilmanton			1		1	4	
Grantham					1		11
Hebron					6		
Holderness				5		1	
Hopkinton					3	1	
Intervale	3						
Laconia	1		1	1	1	3	5
Lee							
Londonderry		1					
Madison					3	1	
Manchester	1		1			7	
Meredith	1		3		9	15	3
Milton			1				
Moultonborough	9	9	16	21	11	12	10
New Durham			1			3	3
New Hampton				1			
Newmarket		2	3				
Northfield						2	5
Ossipee	1	3	2		1	6	
Pembroke							1
Pittsfield						1	1
Plymouth							1
Rochester	1				2		
Rollinsford							
Rye	5						
Salisbury			1		1		
Sanbornton	2		4		2	1	
Sanbornville					1		
Sandwich	3		16	12	9	3	5
Seabrook			1				
Somersworth	3		4				
South Sutton							
Strafford					1		
Stratham							
Tamworth		1	6	3	11	4	
Thornton				1			
Tilton							2

Tuftonboro		11	15	10	8	14	3
Wakefield							3
Warren			5				
Total	669	606	657	732	662	692	645

Table 1. Attendance by Households

b. Procedures for Use by Member and Non-Member Towns:

COVID-19 precautions allowed HHW/medication collections to continue in 2021/2022 as an essential service with required modifications by the hauler and member towns.

Residents of member towns of Alton and Wolfeboro prior to collection day, pick up a pass at their respective solid waste facility and then transport up to 10 gallons of hazardous products per pass to the permanent collection facility in Wolfeboro on one of the six monthly collection dates the third Saturday of the month May thru October. The June and August collections include the special pharmaceutical collections which have separate tallies and surveys. All member towns are allowed more than one visit and one pass (valid for 10 gallons each or one pass for medications) such that all members receive the same services.

Residents of Alton may also transport HHW products to the Alton Solid Waste Center on the two scheduled satellite collection days held the second Saturday in the months of July and September. September is the Alton medicine collection. HHW products are self-transported to the permanent facility for consolidation by the waste hauler. Non-controlled pharmaceuticals are self-transported immediately to the locked LRHHPF facility. Police Officers take custody of all controlled medications.

Residents of any non-member town may use the Wolfeboro facility on a "pay at the gate" fee basis of \$45 for each 0-5 gallon increment (scanning the cans, not measuring the ounces within them), example \$90 for 10 gallons.

Please see the attached brochure, revised in 2021 for more information on how households in your community can utilize the facility.

Due to a large increase in the first year of the 2021-2023 waste hauler contract, the charge for non-members had to be adjusted so they continue to be self-supporting. New brochures were printed and web sites were updated.

c. Medicine collections:

Some medicines are classified as hazardous waste in both state and federal regulations. Increased inappropriate use of pharmaceuticals has led to a substantial rise in drug deaths caused by prescription medications as well as the stereotypical street drugs. Because of the severity of the controlled drug problem nation-wide, public service announcements

regularly appear on major television networks increasing public awareness of the danger of prescription drugs, but giving little direction in proper disposal options

The Lakes Region Household Hazardous Product Facility offers the longest running program in NH (since 2006) for pharmaceutical disposal using NERC best management practice protocols with a pharmacist, two police officers (a second officer added in 2012 to comply with proposed changes by NH Attorney General's Office), and a registered hazardous waste hauler present to comply with new state and federal regulations. Controlled medications come under the custody of the officers. All prescription items are disposed of in their original containers after positive identification and a count by a licensed pharmacist. Non-controlled items primarily go as a pesticide solid with the waste hauler (some as a liquid or an aerosol).

The 2022 brochure for disposal of sharps, lancets, pen needles, syringes and other devices for the injection of drugs, a revision of the original collaborative brochure of stakeholders/members of the NH Legislative Sharps Study Committee, was completed by LRPC and LRHHPF personnel. Both organizations are working closely for state-wide distribution of the revision at hazardous waste collections and at solid waste facilities.

Since 2006, those attending the medicine collections continue to bring an average of 1 gal/HH of: controlled and non-controlled prescription medications; pet medications; herbals; vitamins; over-the-counter remedies; lotions; drops; salves; sprays; etc.

Of the 41 medication HH in 2022: Alton had 12 and Wolfeboro had 29. The total of 62 3/4 gallons was comprised of 2.75 controlled, 36.50 non-controlled prescription and 23 1/2 over-the-counter or personal care products. Twice the Alton HH in 2022 as compared to 2021, fewer Wolfeboro, with more controlled and non-controlled drugs.

d. Alton Satellite Collections:

State law exempts towns from strict liability in the unlikely event of an accident while transporting HHW products in a town vehicle with a town employee. The possibility of a costly hazardous waste cleanup often dissuaded a community from utilizing the self-transport option for HHW collections. This exemption has fostered a higher level of comfort for local officials enabling LRHHPF to conduct satellite collections in Alton with DES HHW Solid Waste Operator Training of town personnel operating the town-owned vehicle.

Convenient access has shown to be the most important factor for substantially increasing attendance, securing safe and appropriate disposal.

e. Facility Improvements

The member towns continue to set aside funds each year for the future construction of a cover over the work area for protection of personnel on collection days. Collection days with heavy rain make the essential data collection process very difficult and render consolidation of HHW products subject to potential site contamination and the introduction of rain water in the drums. A dry environment is essential when collecting and identifying pharmaceuticals.

In 2014, the dry chemical tank needed replacement because of rusting to meet fire regulations and the issue of peeling paint continues. The paint problem commenced immediately after delivery and several types of paint and paint prep methods have been used to no avail (touchups again in 2019). Roof treatment was completed in 2015.

Because of the unprecedented post-pandemic rise in the cost of materials, the 2022 build date for the Facility cover has been postponed with the result that the two small building roofs were re-shingled in spring 2022. Alternative options are currently being explored.

After 21 years of service the 30-yard dumpster cover has failed due to UV ray exposure. It will be replaced prior to the May 2023 opening event.

3. Financial Data

- a. In 2003 the LRHHPF finances were managed by the Town of Wolfeboro (employees are under Wolfeboro). Beginning in 2004, the Town of Alton took over the financial accounting for the facility acting as LRHHPF finance manager. A special revenue account, under the control of the Alton Town Treasurer, was established for the facility. This successful working relationship remains in place. A summary of the financial data is shown in table 2.

Table 2

REVENUES:	2016	2017	2018	2019	2020	2021	2022
Contributions from Alton	\$17,000	\$17,500	\$19,947	\$20,041	\$24,210	\$27,524.92	\$26,944.50
Contributions from Wolfeboro	\$41,924	\$39,858.06	\$46,564	\$48,395	\$56,490	\$64,224.80	\$62,870.50
Contributions from Tuftonboro	\$4,000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contributions from the State of NH	\$3,273	\$3,393	\$4,166	\$0.00	\$3,185	\$2,569	\$0.00
REVENUES	2016	2017	2018	2019	2020	2021	2022
Receipts from Non-Member Participants	\$6,092.01	\$2,800	\$6,320	\$5,717.09	\$8,260	\$10,281.97	\$7,086.49
Cost of Pesticide Collection	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Interest from Bank	\$161.95	\$208.92	\$222.87	\$244.21	\$701.60	\$1,023.76	\$1,211.18
Total	\$69,458.43	\$63,759.98	\$77,219.87	\$74,397.30	\$92,846.60	\$105,624.45	\$98,112.67

Year End Carry-overs							
Alton Carry-overs	\$-13,537.91	\$-174.29	\$-3,733.08	\$-1,683	\$3,494.82	\$8,281.51	\$4,739.88
Tuftenboro Carry-overs	\$786.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Wolfeboro Carry-overs	\$9,729.46	\$20,084	\$22,662.85	\$21,734	\$13,411.29	\$49,563.94	\$8,745.41
Total	\$9158.13	\$20,258.60	\$18,929.77	\$20,051.35	\$16,906.11	\$57,845.45	\$13,485.29
EXPENSES:							
Wages	\$9,841.79	\$11,950.72	\$13,773.59	\$14,550.41	\$14,284.76	\$15,208.99	\$16,539.23
FICA & Medicare	\$752.94	\$919.08	\$1,028.36	\$1,099.25	\$1,080.07	\$1,142.71	\$1,257.14
Meetings	\$300.00	\$155.00	\$110.00	\$53.26	\$109.97	\$0.00	\$0.00
Dues / Fees	\$300.00	\$1,086.58	\$300.00	\$300.00	0.00	\$0.00	\$0.00
Mileage	\$1,170.72	\$970.78	\$725.43	\$964.40	\$809.10	\$870.73	\$863.87
Office Supplies	\$25.95	\$63.19	\$173.14	\$250.44	\$0.00	\$586.13	\$126.67
Reference Materials	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
General Supplies	\$93.68	\$181.40	\$38.54	\$36.77	\$112.61	\$107.18	\$61.35
Legal Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Telephone	\$1,010.63	\$991.02	\$1,010.32	\$1,041.98	\$1,073.22	\$1,040.33	\$1,079.89
Medicine Collection	\$2,260.50	\$2,158.00	\$2,751.00	\$3,114.39	\$2,496.00	\$2,208.00	\$2,539.00
Outside Services	\$39,416.82	\$38,491.30	\$49,549.32	\$51,195.33	\$53,151.10	\$54,287.57	\$59,122.73
Professional Services	\$0.00	\$0.00	\$0.00	\$405.63	\$49.70	\$55.00	\$0.00
New Equipment	\$49.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,950.00
New Equipment funds reserved for cover	\$4,000.00	\$4,000	\$4,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment Maintenance	\$101.94	\$0.00	\$243.59	\$0.00	\$8.99	\$1,497.69	\$171.58
Unemployment		\$95.00	\$105.00	\$110.00	\$107.00	\$125.00	\$107.00
Workers Compensation	\$840.00	\$924.00	\$1,024.00	\$0.00	\$1,088.08	\$1,005.00	\$739.00
Electricity	\$83.87	\$103.51	\$218.64	\$96.95	\$80.91	\$100.08	\$69.92
Encumbered Bldg. Expense	\$0.00	\$0.00	\$218.64	\$525.00	\$0.00	\$0.00	\$0.00
	\$59,244.89	\$62,099.58	\$75,131.77	\$73,642.80	\$75,940.21	\$76,736.72	\$84,627.38

Table 2. Financial Summary

Seventy-nine non-member HHW households from non-member towns (including referrals to the Facility by NH DES) paid in cash or check. HH are charged \$45 per 0-5 gal increment for HHW. The total collected for 2022 was \$10,281.97, a sizable increase of \$2,021.97 over 2020 (\$8,260), and almost double 2019 (\$4,565.)

b. Net Cost to Member Towns

Net operating costs are the expenses after all outside revenues have been subtracted from gross expenses. The expenses are then prorated to the member towns based on each town's actual household visit data. The 2022 net costs are shown in Table 3.

2022 Net Cost	
Total Operating Expenses	<u>\$84,627.38</u>
Total Facility Expenses	\$84,627.38
Remaining 2022 funds from 3-7000-201 for roof fund	<u>\$4,000.00</u>
Total Facility Expenses including funds saved for Roof repair	\$88,627.38
Alton Payments YTD	\$26,944.50
2021 Carryover for Alton	\$8,281.51
Wolfeboro Payments YTD	\$62,870.50
2021 Carryover for Wolfeboro	\$49,563.94
Contributions from Grant for Alton – grant received 02/2023	\$0.00
Contributions from Grant for Wolfeboro- grant received 02/2023	\$0.00
Interest for 2022	\$1,211.18
Outside Income	<u>\$7,086.49</u>
Total Income	\$155,958.12
Net Member Expenditure	\$76,329.71
2022 Use Data	
Alton Households HHW & Medications	179
Wolfeboro Households HHW & Medications	428
Total Member Town Households	607
Alton % Use	30
Wolfeboro % Use	70
Alton Vehicle Fee 92 Vehicles @ 0.75	\$69.00
Total Alton Cost @ 30% and vehicle fee	\$22,204.62
Alton over payment to be carried over	\$4,739.88
Total Wolfeboro Cost @ 70% minus Vehicle Fee	\$54,125.09
Wolfeboro to be carried over	\$8,745.41
Estimated Alton Payment 2023 @ 30%	\$27,568.00
Estimated Wolfeboro Payment 2023 @ 70%	\$64,325.00

Table 3. Net Member Town Costs

4. 2022 Projections

a. Wolfeboro Schedule 2023 – open to Alton and all Towns

The facility will be open 8:30 AM to 12:00 PM on the following six, 3rd Saturdays with medicine collections on two dates:

May 20	Household Hazardous Waste
June 17	Household Hazardous and Medical Waste
July 15	Household Hazardous Waste
August 19	Household Hazardous and Medical Waste
September 16	Household Hazardous Waste
October 21	Household Hazardous Waste

b. Alton satellite collections – Alton residents only

Collections will be at the Alton Solid Waste Facility from 8:30 AM to 12:00 PM on the following two, 2nd Saturdays with medicine collection on one date:

July 8	Household Hazardous Waste
September 9	Household Hazardous and Medical Waste

c. Fees for non-member town households

Non-member HHW fees will be \$45 for each 0-5 gallon increment scanning the cans to compensate for the increase in the contracted fees for the 3-year waste contract. (The towns of Moultonborough, and Sandwich have continued reimbursement to their households for the first \$45/year.)

The Facility recovery fee will be set at 13% thru 2023 (an increase from 10%). Setup and disposal fees thru 2023 have been negotiated with the waste hauler at +10%-2021, +3%-2022, +3%-2023 (increased from 4 ½% in 2018 and 3% 2019 and 2020.)

Negotiations for a 3-year renewal, 2024 thru 2026 has been scheduled for early 2023. It is expected the recovery fee will be raised from 13% to 19%, or more, based on historical data from 2022. Disposal fee increase is not known, but is generally higher the first year.

It is increasingly important to educate the public to the availability of less hazardous alternative products to prevent increases in Facility disposal costs as the unit prices rise over of time. Such education is a required component of NHDES Grant applications. (The amount of grant money per capita has been changing, lowering the amount to the Facility.)

Quarterly state-wide Site Coordinator meetings are facilitated by Upper Valley Lake Sunapee Regional Planning. Review of standardized messaging for educating the public, exchanges of information from RFP responses by waste haulers, and performance of contractors at

events, are topics of interest to the group.

LRHHPF will be researching possibilities of legislation for Paint Care to remove the cost of oil based paint disposal. Paint Care also collects latex paint, removing the weight of the paint and the kitty litter/speedy dry, used to solidify the liquid, from the solid waste stream and the cost of tipping fees. It would be a double benefit to the budgets of HHW and solid waste, be environmentally sound, and only the users of paint would pay a small amount at time of purchase. Paint Care handles all pick-ups.

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