

Lakes Region Household Hazardous Product Facility 2019 Annual 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 2002-2016 and Tuftonboro 2013-16. For detailed information on what the facility does and does not accept, see the colored brochure with the lake view on the cover. 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 2019, the 18th year of the Inter-municipal Agreement, member towns consist of Alton and Wolfeboro, NH with Wolfeboro being the 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 2019 were: Liz Dionne, 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 Town of Alton Finance Department as the facility finance manager. Licensed Pharmacists provided Pharmacist duties for the February, 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. New in 2018 was a mid-winter medication-only collection the 3rd Saturday of February at All Sts Church (next to the hospital & across from the Wolfeboro Police Dept.) The mid-winter collection will be continued in 2020 to further evaluate mid-winter demand for proper disposal.

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 Commissioner and various others in the Pesticide division as they seek grant funding to enable another collection.

2. Summary of Operations

a. Usage Data

Overall attendance was consistent for members in 2018. Alton participation increased slightly and Wolfeboro attendance slightly decreased. Colorful new brochures were delivered after the LRPC collections. Non-member attendance is expected to return to its previous level with their distribution to non-members in 2018. The numbers below reflect households for HHW only (medicine collections not on this chart).

Member Towns	2013	2014	2015	2016	2017	2018	2019
Alton	174	160	606	234	188	217	190
Tuftonboro	41-16 pd	35	57	51			
Wolfeboro	370	447	357	349	377	349	464
Non-Member Towns							
Alexandria				1			
Barnstead						1	
Barrington	11		1				6
Belmont	8		3				
Boscowan			1				
Bridgewater						2	
Bristol	8						
Brookfield			1		4	1	
Canterbury		1					
Center Harbor		1	1				
Chichester	1					1	3
Concord	6						
Deering						1	4
Derry	9	14	6		9	1	
Dover	1				1		
Dunbarton							6
Durham		14	10				
Effingham				1			
Epsom						1	
Franconia							1
Franklin							
Freedom			1				
Gilford	1			1		2	3
Gilmanton						1	
Holderness							5
Intervale				3			
Laconia		8	4	1		1	1

Lee	7	5	6				
Londonderry					1		
Madbury	1						
Madison	3						
Manchester				1		1	
Meredith			1	1		3	
Milton						1	
Moultonborough	7	2	19	9	9	16	21
New Durham			1			1	
New Hampton							1
Newmarket					2	3	
Ossipee			2	1	3	2	1
Plymouth							
Rochester		1		1			
Rollinsford			1				
Rye				5			
Salisbury						1	
Sanbornton			1	2		4	
Sandwich	5	5	12	3		16	12
Seabrook						1	
Somersworth				3		4	
South Sutton			2				
Stratham			6				
Tamworth	1		1		1	6	3
Thorton							1
Tuftonboro	41-16 pd	35 M	57 M	51 M	11	15	10
Warren			3			5	
Total	654	693	705	669	606	657	732

Table 1. Attendance by Households

b. Procedures for Use by Member and Non-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 \$40 for each 0-5 gallon increment (scanning the cans, not measuring the ounces within them), example \$80 for 10 gallons. For pharmaceutical waste a fee of \$25 per non-member household has been charged since 2009 to cover the costs specific to that program.

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

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 2012 brochure for disposal of sharps, lancets, pen needles, syringes and other devices for the injection of drugs, from the collaboration of stakeholders/members of the NH Legislative Sharps Study Committee is in need of an update.

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 74 HH in 2019 (-10% from 2018), Alton had 8 and Wolfeboro had 65. The total of 165 3/4 gallons (+28%) were comprised of 5.5 controlled, 50 1/4 non-controlled prescription, and 110 over-the-counter or personal care products.

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. 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.

3. Financial Data

- a. In 2003 the LRHHPF finances were managed by the Town of 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.

REVENUES:	2013	2014	2015	2016	2017	2018	2019
Carryover adjustment from prior year	\$0.00	-\$25.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contributions from Alton	\$17,000	\$8,000	\$15,536.40	\$17,000	\$17,500	\$19,947.00	\$20,041.00
Contributions from Wolfeboro	\$23,494.90	\$36,755	\$39,612.30	\$41,924	\$39,858.06	\$46,564.00	\$48,395.00
Contributions from Tuftonboro	\$4,000	\$2,500	\$4,000	\$4,000	\$0.00	\$0.00	\$0.00
Contributions from the State of NH	\$5,568	\$5,717.49	\$0.00	\$3,273	\$3,393	\$4,166.00	\$0.00
REVENUES	2013	2014	2015	2016	2017	2018	2019

Receipts from Non-Member Participants	\$5,299.29	\$4,072.50	\$6,092.01	\$3,055	\$2,800	\$6,320.00	\$5,717.09
Cost of Pesticide Collection	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Interest from Bank	\$134.50	\$136.67	\$161.95	\$206.43	\$208.92	\$222.87	\$244.21
Total	\$55,496.69	\$57,156.39	\$63,866.26	\$69,458.43	\$63,759.98	\$77,219.87	\$74,397.30
Year End Overpayments							
Alton Overpayment	\$5,391.33	\$2909.61	\$0.00	-\$13,537.91	-\$174.29	-\$3,733.08	-\$1,683.00
Tuftonboro Overpayment	\$1,029.57	\$1459.34	\$271.12	\$786.58	\$0.00	\$0.00	\$0.00
Wolfboro Overpayment	\$-877.63	\$3294.19	\$9393.84	\$9729.46	\$20,084.31	\$22,662.85	\$21,734.35
Total	\$5,543.27	\$7663.14	\$9664.96	\$9158.13	\$20,258.60	\$18,929.77	\$20,051.35
EXPENSES:							
Wages	\$8,337.78	\$7392.10	\$8887.29	\$9841.79	\$11,950.72	\$13,773.59	\$14,550.41
FICA & Medicare	\$637.89	\$565.56	\$679.94	\$752.94	\$919.08	\$1,028.36	\$1,099.25
Meetings	\$187.00	\$25.00	\$300.00	\$300.00	\$155.00	\$110.00	\$53.26
Dues / Fees	\$250.00	\$250.00	\$300.00	\$300.00	\$1086.58	\$300.00	\$300.00
Mileage	\$968.16	\$746.68	\$1131.61	\$1170.72	\$970.78	\$725.43	\$964.40
Office Supplies	\$137.76	\$326.16	\$127.98	\$25.95	\$63.19	\$173.14	\$250.44
Reference Materials	\$25.90	\$0.00	\$6.48	\$0.00	\$0.00	\$0.00	\$0.00
General Supplies	\$17.91	\$94.73	\$249.30	\$93.68	\$181.40	\$38.54	\$36.77
Legal Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Telephone	\$1083.28	\$928.29	\$1024.04	\$1010.63	\$991.02	\$1,010.32	\$1,041.98

Medicine Collection	\$0.00	\$0.00	\$0.00	\$2260.50	\$2158.00	\$2,751.00	\$3,114.39
Outside Services	\$34,029.80	\$39216.06	\$44,254.85	\$39,416.82	\$38,491.30	\$49,549.32	\$51,195.33
Professional Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$405.63
New Equipment	\$0.00	\$0.00	\$0.00	\$49.99	\$0.00	\$0.00	\$0.00
New Equipment funds reserved for cover	\$4000.00	\$4000.00	\$4000.00	\$4000.00	\$4000.00	\$4,000.00	\$0.00
Equipment Maintenance	\$0.00	\$0.00	\$481.28	\$101.94	\$0.00	\$243.59	\$8.99
Unemployment	\$43.11	\$47.30	\$86.00	\$95.00	\$105.00	\$110.00	\$0.00
Workers Compensation	\$410.69	\$334.70	\$791.00	\$840.00	\$924.00	\$1,024.00	\$0.00
Electricity	\$80.79	\$74.45	\$90.77	\$83.87	\$103.51	\$75.84	\$96.95
Encumbered Bldg. Expense		\$1060.65	\$939.35	\$0.00	\$0.00	\$218.64	\$525.00
Totals	\$48,606.18	\$55,061.79	\$59,244.89	\$59,244.89	\$62,099.58	\$75,131.77	\$73,642.80

Table 2. Financial Summary

One hundred thirty nine non-member HHW households including 1 medication household from non-member towns (including referrals to the Facility by NH DES) paid in cash or check. HH are charged \$40 per 0-5 gal increment for HHW and \$25 for meds. The total collected for 2019 was \$5,717.09, slightly less than 2018 (\$6,320).

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 household visit data. The 2019 net costs are shown in Table 3.

2019 Net Cost	
Total Operating Expenses	<u>\$73,642.80</u>
Total Facility Expenses	\$73,642.80
Alton Payments YTD	\$20,041.00
2018 Carryover for Alton	-\$3,733.08
Wolfeboro Payments YTD	\$48,395.00
2018 Carryover for Wolfeboro	\$22,662.85
Contributions from Grant for Alton	\$0.00
Contributions from Grant for Wolfeboro	\$0.00
Interest for 2019	\$244.21
Outside Income	<u>\$5,717.09</u>
Total Income	\$93,327.07
Net Member Expenditure	\$67,681.50
2019 Use Data	
Alton Households HHW	190
Alton Medications	8
Wolfeboro Households HHW	464
Wolfeboro Medications	<u>65</u>
Total Member Town Households	727
Alton % Use	27
Wolfeboro % Use	73
Alton Vehicle Fee –59 Vehicles @ 0.75	\$84.00
Total Alton Cost @ 27% and vehicle fee	\$18,358.00
Alton Under payment to be carried over	-\$1,683.00
Total Wolfeboro Cost @ 73% minus Vehicle Fee	\$49,323.50
Wolfeboro to be carried over	\$21,734.35
Estimated Alton Payment 2020 @ 30%	\$24,210.00
Estimated Wolfeboro Payment 2020 @ 70%	\$56,490.00

Table 3. Net Member Town Costs

4. 2019 Projections

a. Wolfeboro Schedule 2020 – 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 three dates:

Feb 15	All Sts Church, Wolfeboro *medications only*
May 16	Household Hazardous Waste
June 20	Household Hazardous and Medical Waste
July 18	Household Hazardous Waste
August 15	Household Hazardous and Medical Waste
September 19	Household Hazardous Waste
October 17	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 11	Household Hazardous Waste
September 12	Household Hazardous and Medical Waste

c. Fees for non-member town households

Non-member HHW fees continue to remain at \$40 for each 0-5 gallon increment scanning the cans (\$80 for 10 gallons). Fees for medicine collections will be \$25 per household to cover cost per household. (The towns of Moultonborough, and Sandwich have continued reimbursement to their households for the first \$40/year.)

The Facility recovery fee will be set at 10% thru 2020. Setup and disposal fees thru 2020 have been negotiated with the waste hauler at 4 ½% in 2018 and 3% 2019 and 2020.

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, performance of contractors at events, and trends in paint care legislation and manufacturer’s responsibility for disposal, are topics of interest to the group.