

Lakes Region Household Hazardous Product Facility 2017 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 new 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.
- b. During 2017, the 16th 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 an 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 2017 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 Paulette Wentworth (Town of Alton Finance Officer) as the facility finance manager. Licensed Pharmacists from Care Pharmacy and 2 Rite Aid Pharmacies 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. New in 2018 is 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.)

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 were held at the facility in one at the satellite collection in Alton. Wolfeboro participates in the reinstated 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 is 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 close contact in 2017 with Commissioner Merrill and various others in the Pesticide division as they seek grant funding to enable another collection in the near future.

2. Summary of Operations

a. Usage Data

Overall attendance was consistent for members in 2017. Alton participation decreased slightly and Wolfeboro attendance slightly increased. 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	2011	2012	2013	2014	2015	2016	2017
Alton	130	238	174	160	606	234	188
Tuftonboro			41-16 pd	35	57	51	
Wolfeboro	313	333	370	447	357	349	377
Non-Member Towns							
Alexandria						1	
Andover	3						
Barrington			11		1		
Belmont	2		8		3		
Boscowan					1		
Bow							
Bristol			8				
Brookfield					1		4
Canterbury	1	1		1			
Center Harbor	15			1	1		
Chester	4						
Chichester			1				
Concord			6				
Contoocook							
Derry	5	10	9	14	6		9
Dover			1				1
Durham				14	10		
Effingham		9				1	
Farmington							
Franconia							
Franklin	1	2					
Freedom					1		
Gilford		2	1			1	
Gilmanton	1						
Intervale						3	
Laconia	1	39		8	4	1	
Lee			7	5	6		
Londonderry							1

Non-Member Towns	2011	2012	2013	2014	2015	2016	2017
Madbury			1				
Madison			3				
Manchester						1	
Meredith	1				1	1	
Moultonborough	18	2	7	2	19	9	9
New Durham					1		
New Market							2
North Hampton	1						
Northwood							
Nottingham							
Ossipee		1			2	1	3
Plymouth	1	1					
Portsmouth	2						
Rochester	1			1		1	
Rollinsford					1		
Rye						5	
Sanbornton					1	2	
Sandwich	1	4	5	5	12	3	
Somersworth						3	
South Sutton					2		
Stratham					6		
Tamworth			1		1		1
Tuftonboro	19	25	41-16 pd	35 M	57 M	51 M	11
Warren					3		
Total	520	667	654	693	705	669	606

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 o/f 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 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 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 program started in 2006.

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 99 HH in 2017, Alton had 17 and Wolfeboro had 8. The total of 103 $\frac{3}{4}$ gallons (123 in 2017) were comprised of 9 $\frac{3}{4}$ controlled, 45 non-controlled prescription, and 49 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.

The concept is that an area town could conduct a one day collection within their town and then transport product to a permanent facility. This would allow NH towns to offer collections locally and more than once per year. This concept would require 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. The exterior walls were spot sanded and painted. Roof treatment was completed to 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 with the Town's finance officer 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:	2011	2012	2013	2014	2015	2016	2017
Carryover adjustment from prior year	\$0.00	\$0.00	\$0.00	-\$25.27	\$0.00	\$0.00	\$0.00
Contributions from Alton	\$14,666.26	\$17,000	\$17,000	\$8,000	\$15,536.40	\$17,000	\$17,500
Contributions from Wolfeboro	\$31,334	\$26,609	\$23,494.90	\$36,755	\$39,612.30	\$41,924	\$39,858.06
Contributions from Tuftonboro	\$0.00	\$0.00	\$4,000	\$2,500	\$4,000	\$4,000	\$0.00
Contributions from the State of NH	\$0.00	\$0.00	\$5,568	\$5,717.49	\$0.00	\$3,273	\$3,393
REVENUES	2011	2012	2013	2014	2015	2016	2017

Receipts from Non-Member Participants	\$5,750.04	\$4,927.87	\$5,299.29	\$4,072.50	\$6,092.01	\$3,055	\$2,800
Cost of Pesticide Collection	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Interest from Bank	\$120.87	\$108.27	\$134.50	\$136.67	\$161.95	\$206.43	\$208.92
Total	\$51,871.17	\$48,645.14	\$55,496.69	\$57,156.39	\$63,866.26	\$69,458.43	\$63,759.98
Year End Overpayments							
Alton Overpayment	\$1273.15	\$707.13	\$5391.33	\$2909.61	\$0.00	-\$13,537.91	-\$174.29
Tuftenboro Overpayment			\$1029.57	\$1459.34	\$271.12	\$786.58	\$0.00
Wolfeboro Overpayment	\$3162.92	\$3767.90	-\$877.63	\$3294.19	\$9393.84	\$9729.46	\$20,084.31
Total	\$4436.07	\$4475.03	\$5543.27	\$7663.14	\$9664.96	\$9158.13	\$20,258.60
EXPENSES:							
Wages	\$7001.69	\$6934.60	\$8337.78	\$7392.10	\$8887.29	\$9841.79	\$11,950.72
FICA & Medicare	\$526.42	\$530.51	\$637.89	\$565.56	\$679.94	\$752.94	\$919.08
Meetings	\$291.49	\$195.00	\$187.00	\$25.00	\$300.00	\$300.00	\$155.00
Dues / Fees	\$250.00	\$250.00	\$250.00	\$250.00	\$300.00	\$300.00	\$1086.58
Mileage	\$1080.09	\$841.13	\$968.16	\$746.68	\$1131.61	\$1170.72	\$970.78
Office Supplies	\$161.85	\$189.36	\$137.76	\$326.16	\$127.98	\$25.95	\$63.19
Reference Materials	\$0.00	\$0.00	\$25.90	\$0.00	\$6.48	\$0.00	\$0.00
General Supplies	\$78.44	\$17.67	\$17.91	\$94.73	\$249.30	\$93.68	\$181.40
Legal Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EXPENSES	2011	2012	2013	2014	2015	2016	2017

Telephone	\$1110.39	\$1075.54	\$1083.28	\$928.29	\$1024.04	\$1010.63	\$991.02
Medicine Collection	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2260.50	\$2158.00
Outside Services	\$49,890.43	\$29,021.91	\$34,029.80	\$39,216.06	\$44,254.85	\$39,416.82	\$38,491.30
Professional Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
New Equipment	\$0.00	\$608.13	\$0.00	\$0.00	\$0.00	\$49.99	\$0.00
New Equipment funds reserved for cover	\$2644.93	\$4000.00	\$4000.00	\$4000.00	\$4000.00	\$4000.00	\$4000.00
Equipment Maintenance	\$19.95	\$480.00	\$0.00	\$0.00	\$481.28	\$101.94	\$0.00
Unemployment	\$66.41	\$45.11	\$43.11	\$47.30	\$86.00	\$95.00	\$105.00
Workers Compensation	\$448.45	\$345.04	\$410.69	\$334.70	\$791.00	\$840.00	\$924.00
Electricity	\$76.31	\$80.38	\$80.79	\$74.45	\$90.77	\$83.87	\$103.51
Encumbered Bldg. Expense				\$1060.65	\$939.35	\$0.00	\$0.00
Totals	\$65,825.68	\$44,985.32	\$48,606.18	\$55,061.79	\$59,244.89	\$59,244.89	\$62,099.58

Table 2. Financial Summary

Non-member households from other towns and referrals to the Facility by NH DES pay in cash or check. HH are charged \$40 per 0-5 gal increment. Large referral disposals are charged full cost by the Facility (disposal plus recovery fee) so that there is no impact to the member communities or the annual budget. The total collected for 2017 was \$2800.

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 2017 net costs are shown in Table 3.

2017 Net Cost	
Total Operating Expenses	<u>\$62,099.58</u>
Total Facility Expenses	\$62,099.58
Alton Payments YTD	\$17,500.00
2016 Carryover for Alton	-\$867.47
Wolfeboro Payments YTD	\$39,858.06
2016 Carryover for Wolfeboro	\$19,123.30
Contributions from Grant for Alton	\$1,560.78
Contributions from Grant for Wolfeboro	\$1,832.22
Interest for 2017	\$208.92
Outside Income	<u>\$2,800.00</u>
Total Income	\$82,015.81
Net Member Expenditure	\$59,090.66
2017 Use Data	
Alton Households HHW	188
Alton Medications	17
Wolfeboro Households HHW	377
Wolfeboro Medications	<u>82</u>
Total Member Town Households	664
Alton % Use	31
Wolfeboro % Use	69
Alton Vehicle Fee – 155 Vehicles @ 0.75	\$49.50
Total Alton Cost Including Vehicle Fee	\$18,367.60
Alton Overpayment to be carried over including interest	-\$174.29
Estimated Payment for 2018 Without Carryover	\$19,946.40
Total Wolfeboro Cost Including Vehicle Fee Credit	\$40,729.27
Wolfeboro to be carried over including interest	\$20,084.31
Estimated Payment for 2018 Without Carryover	\$46,541.60

Table 3. Net Member Town Costs

4. 2018 Projections

a. Wolfeboro Schedule 2018 – open to 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 17 | All Sts Church, Wolfeboro *medications only* |
| May 19 | Household Hazardous Waste |
| June 16 | Household Hazardous and Medical Waste |
| July 21 | Household Hazardous Waste |
| August 18 | Household Hazardous and Medical Waste |
| September 15 | Household Hazardous Waste |

October 20 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 14 Household Hazardous Waste

September 8 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 2018. 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 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 working with Upper Valley Lake Sunapee Regional Planning to utilize grant money to have standardized messaging for educating the public for alternative products.

LRHHPFfinalreport2017