

Lakes Region Household Hazardous Product Facility 2007 Annual Report

1. Facility Summary

- a. The Lakes Region Household Hazardous Product Facility (LRHHPF) is a permanent facility where residents and taxpayers can dispose of hazardous waste such as oil based paint, pesticides, toxic cleaners and solvents. The facility is a joint venture between the Lakes Region Planning Commission, the New Hampshire Department of Environmental Services and the member Towns of Alton and Wolfeboro. For detailed information on what the facility does and does not accept, see the attached brochure. The facility is open every third Saturday 8:30 AM – 12:00 PM May through October.



- b. Currently there are two member towns: Alton, NH and Wolfeboro, NH with Wolfeboro being the host municipality. Operation of the facility is governed by an Inter-Municipal Agreement that spells out the cost sharing, officers, etc. The agreement also has provisions for other towns becoming members. The current officers are: Alan Sherwood Chair/Treasurer/Alton Selectman/member rep and Sarah Silk Vice-Chair/Secretary/Wolfeboro Selectman/member rep. Paid employees are: Sarah Silk is the site coordinator and Paulette Wentworth (Town of Alton Finance Officer) is the facility finance manager. In addition a part-time paid data entry person is used for required medicine collection inventories and a permanent survey taker is now being used on collection days at both sites for consistency in recording essential cost allocation data.
- c. In 2006 a first ever medical waste collection of unwanted prescription drugs was held at the facility. Two medical waste collections were held at the facility in 2007 with two more planned for 2008. In 2007 two “satellite” household hazardous waste (HHW) collections were held at the Alton Solid Waste center with outstanding turnout. For 2008 three Alton HHW collection days are planned with a medical waste collection on one of those days.

d. 2. Summary of Operations

a. Usage Data

Overall attendance was up considerably in 2007 with Alton participation exceeding that of Wolfeboro; this being attributed to the two satellite collections held in Alton.

Member Towns	2003	2004	2005	2006	2007
Alton	97	140	121	142	287
Wolfeboro	231	308	338	314	261
Non-Member Towns					
Canterbury				10	
Center Harbor					1
Franklin	7				
Freedom	1				
Gilford			1		2
Gilmanton	5				
Holderness	1				
Laconia			1		1
Moultonborough	4		2	8	2
New Hampton		2			
Ossipee		2			5
Rochester				1	
Sandwich		12	6	1	1
Tuftonboro	16	15	12	15	28
Total	362	479	481	491	588

Table 1. Attendance by Households

b. Use Procedures for Member and Non-Member Towns

Residents of member towns Alton and Wolfeboro first pick-up a pass at their respective solid waste facility and then transport up to 10 gallons of hazardous product to the collection facility on one of the six monthly collection dates. Also residents of Alton may transport product to the Alton Solid Waste Center on one of the scheduled satellite collection days.

Residents of any other town may use the Wolfeboro facility on a "pay at the gate" fee basis of \$40 for each 0-5 gallon increment, example \$80 for 10 gallons. For pharmaceutical waste a nominal fee of \$5 per car will be charged.

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

c. In 2007 we conducted two Medical Waste collections

In addition to the threat to communities via inappropriate ingestion, water supplies are contaminated by flushing as a disposal means and solid waste facility workers are at risk of exposure when pharmaceuticals are disposed of as trash.

Medicines are classified as hazardous waste both in state and federal regulations. Increased inappropriate use of pharmaceuticals has led to a substantial rise in drug deaths caused by other than the stereotypical street drugs (8 in the Lakes Region). Because of the severity of the problem nation-wide, public service announcements have appeared on major television networks warning the public of the danger of prescription drugs, but giving little help in proper disposal options to eliminate their inappropriate use by others. The Lakes Region Household Hazardous Product Facility offers the only program in NH for disposal using best management practice protocols with a pharmacist, police officer, and registered hazardous waste hauler present to comply with state and federal regulations.

The 2006 successful pilot program evolved into 2 medicine collections in 2007 at the permanent Facility site. As in 2006, those attending these specialized collections, held on specific collection days, continue to bring in virtually 1 gallon of medicines per household. The June collection safely and appropriately disposed of 35 gallons of unwanted medicines from 39 households. August's collection disposed of 19 gallons of pharmaceuticals from 21 households. The 54 gallons consisted of 50 gallons of non-controlled prescription medicines, over-the-counter remedies, lotions, drops, salves, sprays, etc for humans and pets. The remaining 4 gallons of controlled substances were inventoried and removed from the Facility per protocol by the attending Police Officer and disposed of as required by law.

d. Alton Satellite Collections

In 2005 our State Representatives David Knox and Michael Whalley sponsored House Bill 1429 which has exempted towns from strict liability in the unlikely event of an accident while transporting product in a town vehicle. This change in the law has allowed us to conduct satellite collections. The concept is that an area town could conduct a one day collection within their town and then transport product to our permanent facility. This would allow area towns to offer collections locally and more than once per year. This concept would require DES training of Town personnel.

Alton conducted two trial runs of this satellite collection concept in 2007. Both days were highly successful with a total of 188 households over the two satellite collection days. This boosted Alton's total yearly participation to 287 households as compared with Alton's total participation of 142 households in 2006. This increased Alton's participation rate from 27% to 52%. The dramatic increase can be solely attributed to the added convenience of disposing of their HHW at the same time and place as a solid waste trip with no additional travel distance or time.

e. Facility Improvements

No specific improvements were made in 2007. The member towns did agree to set aside funds each year for the future construction of a cover over the collection work area for protection of personnel on collection days. There have been several collection days with heavy rain which limited attendance and also made the essential data collection process very difficult. At the end of 2007 an additional \$4,000 was set aside bringing the total up to \$8,000.

3. Financial Data

- a. In 2003 the LRHHPF finances were managed by the Town of Wolfeboro. For the year 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 same accounting approach has been continued through 2007. A summary of the financial data is shown in table 2.

REVENUES:	2003	2004	2005	2006	2007
Deposit to open bank account	\$0.00	\$25.00	\$0.00		
Carryover adjustment from prior year				\$324.24	
Contributions from Alton	\$6,087.10	\$8,755.00	\$10,466.00	\$11,505.55	\$18,500.00
Contributions from Wolfeboro	\$16,006.97	\$30,477.00	\$23,026.00	\$25,493.00	\$19,970.00
Contributions from State of NH	\$4,280.00	\$4,428.20	\$4,205.87	\$0.00	\$0.00
Receipts from Non-member Participants	\$1,100.00	\$1,600.00	\$1,520.00	\$2,140.00	\$2,515.00
Interest from Bank	\$0.00	\$137.17	\$59.67	\$344.65	\$376.94
	\$27,474.07	\$45,422.37	\$39,277.54	\$39,807.44	\$41,361.94
Overpayments as of end of year:					
Alton Overpayment	\$0.00	\$346.24	\$5,458.87	\$1,630.08	\$1,141.03
Wolfeboro overpayment	\$0.00	\$12,313.72	\$9,410.46	\$3,997.68	\$4,593.20
EXPENSES:					
Wages	\$4,365.30	\$5,810.13	\$5,302.63	\$6,688.90	\$6,483.63
Fica & Medicare	\$333.95	\$444.46	\$405.65	\$511.69	\$489.47
Dues/Fees				\$140.00	\$0.00
Mileage	\$652.17	\$459.00	\$408.31	\$919.65	\$803.88
Office Supplies	\$195.59	\$104.21	\$128.92	\$147.47	\$134.48
General Supplies	\$180.00	\$27.00	\$9.12	\$49.91	\$140.83
Legal Fees	\$2,576.00	\$0.00	\$0.00	\$0.00	\$0.00
Telephone	\$841.55	\$839.19	\$1,045.57	\$1,210.64	\$1,152.65
Outside Services	\$18,057.29	\$18,836.98	\$14,200.28	\$20,570.13	\$21,590.96
Professional Services	\$0.00	\$100.00	\$140.00	\$0.00	\$50.00
New Equipment	\$0.00	\$5,569.10	\$1,443.88	(\$256.92)	\$244.95
New Equipment funds reserved for cover				\$4,000.00	\$4,000.00
Equipment Maintenance	\$0.00	\$193.29	\$954.66	\$124.80	\$162.19
Unemployment	\$19.21	\$27.00		\$0.00	\$0.00
Workers Comp.	\$196.44	\$276.00		\$0.00	\$298.17
Electricity	\$56.57	\$76.05	\$67.70	\$73.41	\$76.50
Totals	\$27,474.07	\$32,762.41	\$24,106.72	\$34,179.68	\$35,627.71

Table 2. Financial Summary

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 born by the member towns on a prorated basis based on each town's household visit data. The 2007 net costs are shown in Table 3.

2007 net cost based on 1/31/08 data	
Total Operating Expenses	\$31,627.71
equipment funds reserved	\$4,000.00
Total Facility expense	\$35,627.71
Total Income	\$41,361.94
(Alton Payments YTD plus 2006 carry over)	\$18,500.00
(Wolfeboro Payments YTD plus 2006 carry over)	\$19,970.00
Net Outside Income	\$2,891.94
Net Facility Expenditures	\$32,735.77
2007 Use Data	
Alton Households	287.00
Wolfeboro Households	261.00
Total Member Town Households	548.00
Alton % use	52.37%
Wolfeboro % use	47.63%
Alton Vehicle Fee	
287 vehicles @ \$0.75	\$215.25
Total Alton Cost including vehicle fee charge	\$17,358.97
Alton overpayment to be carried over	\$1,141.03
Total Wolfeboro Cost including vehicle fee credit	\$15,376.80
Wolfeboro overpayment to be carried over	\$4,593.20

Table 3. Net Member Town Costs

- c. In 2006 a significant increase in cost per household was primarily due to: Setting aside \$4,000 for future capital improvements each year and loss of State grant funding which was \$4,205.87 in 2005. In 2007 \$4,000 was again set aside for capital improvements. **State grant money was earned in 2007 but not received until early 2008. The net member town cost shown below for 2007 reflects a retroactive crediting of \$4,128.15 in grant funds.**

	Cost per Household				
	2003	2004	2005	2006	2007
Gross Cost/HH	\$75.90	\$68.40	\$50.05	\$69.61	\$60.59
Net Member Town Cost/HH	\$67.36	\$59.31	\$40.57	\$68.80	\$52.70

Table 4. Cost per Participating Household

4. 2008 Projections

- a. Wolfeboro Schedule – open to all Towns
 The facility will be open 8:30 AM to 12:00PM on the following six Saturdays with Medical Waste collection on two dates:
 May 17 Household Hazardous Waste
 June 21 Household Hazardous and Medical Waste
 July 19 Household Hazardous Waste
 August 16 Household Hazardous and Medical Waste
 September 20 Household Hazardous Waste
 October 18 Household Hazardous Waste
- b. Alton satellite collections – Alton residents only
 Collections will be at the Alton Solid Waste Facility from 8:30 AM to 12:00PM on the following days:
 July 11 and 12 (Friday and Saturday) Household Hazardous Waste
 September 13 (Saturday) Household Hazardous and Medical Waste
- c. Fees for non-member town households at the Wolfeboro facility will remain at \$40 for up to 5 gallons and \$80 for between 5 and 10 gallons.
- d. Estimated 2007 Member Town Costs
 In early 2008 we received State grant funding of \$4,128.15 that covered grants from the NHDES fiscal years 2006-7 and 2007-8 which covered collections held in the LRHHPF calendar year 2007. Grant applications have been submitted to cover collections during the LRHHPF calendar year 2008 (NHDES fiscal year 2008-9). The grant funds will reduce the amount each member town has to be billed in 2008. Offsetting this somewhat is a probable increase in Clean Harbor’s fees. Based on estimated gross facility expenses of \$44,173 and assuming the same other outside income as 2007 plus State grant funds and 50/50 facility use, the estimated 2008 net expenses are:
- Alton \$18,576 minus \$1,141 carryover = \$17,435 to be billed.
 Wolfeboro \$18,576 minus \$4,593 carryover = \$13,983 to be billed.

The LRHHPF has experienced one decrease (2003) and one increase (2007) in setup fees and no changes to disposal costs since the opening of the facility in 2002. Because of rising disposal costs for the waste hauler, there has been a 4% increase for the Facility in 2008. Previously the Facility has not paid any Recovery Fee which is based on insurance, security, and energy costs based on monthly DOE average diesel prices and typically is 13.5%. The Joint Board has been able to negotiate no further changes in disposal and setup fees for 2 years with a 4% increase in disposal fees the third year. Recovery fees will be 3% for 2008, 6% 2009, and 9% in 2010, still substantially lower than the current 13.5%.

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 the NHDES Grant application. It will likely be necessary for the Facility to generate alternative product pamphlets as cuts in funding for DES and UNH Extension Service publications have eliminated those resources used in the past.

What is LRHHPF?

The Lakes Region Household Hazardous Product Facility is a storage facility where residents and taxpayers can safely and conveniently dispose of unwanted materials that pose a threat to the human and natural environment. It was opened in 2002 as a cooperative effort with NH Department of Environmental Services, Lakes Region Planning Commission, and the Town of Wolfeboro.

How will I know if there are hazardous products in my home?

Read the label. If it says “Danger”, “Warning”, “Poison”, or “Caution”, the product contains ingredients that are flammable, poisonous, will burn the skin and eyes, or react violently with other chemicals.

Poison



Caution

Why the concern?

Contamination of our natural environment is a very real threat through the improper disposal of household hazardous wastes. Municipal treatment plants and leachfields are incapable of processing these chemicals. Landfill disposal poses the same risks, and the result is the eventual contamination of our groundwater upon which everyone is dependent.

What else can I do to reduce the impact on the environment?

Take responsible action to protect your family's health and the health of your community.

Read the label. Avoid products that contain hazardous ingredients when possible. Ask your retailer for safer or less toxic alternatives, or use alternatives. Listed below are a couple of examples of non-toxic cleaners that use a few basic ingredients;

- All purpose cleaner: Mix 2 tablespoons baking soda with one pint warm water in a spray bottle. Add a squeeze of lemon juice or a splash of vinegar to cut grease.
- Oven cleaner: Mix 1 part vinegar to 4 parts water in a spray bottle. Scrub the oven clean. Use baking soda or a citrus-based cleaner on stubborn spots.
- No-streak glass/window cleaner: Mix 1/4 cup white vinegar and 1 quart warm water. Apply with spray bottle or sponge. Wipe with crumpled newspaper.

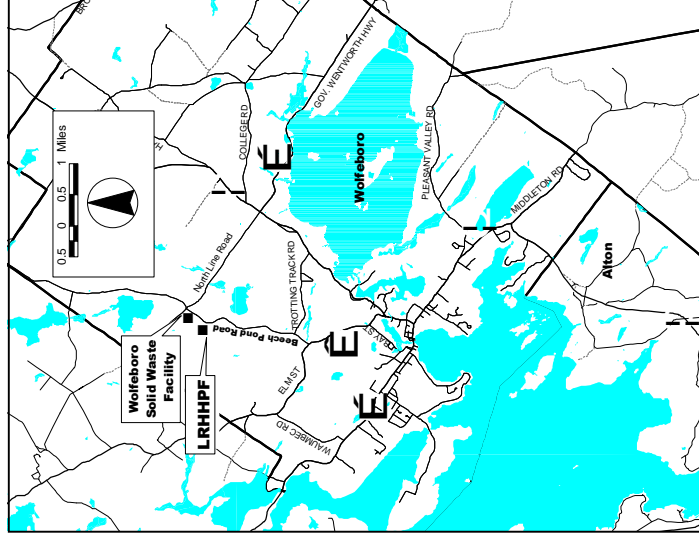
Quantity. Buy only as much as you will use right away and give leftovers to friends or neighbors.

Buy recycled products. Recycled paint, motor oil, and antifreeze perform as well as virgin products. Tell your retailer that you want recycled products.

Be safe. Store leftovers in their original containers with the labels intact, away from children and pets.

Now accepting cell phones!
Also, recycle printer cartridges here—postage-free.

Lakes Region Household Hazardous Product Facility



569 - 5826

569 - Let's Take Care Of it!

**404 Beech Pond Road,
Wolfeboro, NH**

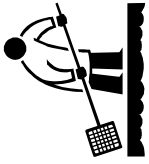
**Open May - October
Every third Saturday
8:30 AM - 12:00 PM**

Let's Take Care Of it!



From the House:

Arts and craft supplies
Drain opener
Dry-cleaning fluids
Epoxyes and resins
Floor cleaner & polish
Metal polish
Oven cleaner
Photo chemicals
Roofing tar
Spot remover
Unbroken fluorescent bulbs



From the Yard and Garden:

Cesspool cleaner
Coal tar-based driveway sealer
Muriatic acid
Pesticides (1 gallon containers or smaller)
Herbicides & weed killers
Pool chemicals
Rust preventative



From the Garage:

Radiator cleaners
Car wax and polish
Carburetor cleaners & degreasers
Gasoline & Diesel fuel
Mixed motor oil



From the Workbench:

Paint Stripper
Paint thinner & solvents
Oil-based paint
Spray paint
Stains and varnishes
Wood preservative
Sealants

Reminder: Latex paint is not a hazardous product.

How can I bring hazardous materials in?

Member Towns

PASS Pick-up

Town

Alton

Wolfeboro

Location

Solid Waste Center

Solid Waste Facility

Households from Member Towns:

Towns:

1. Taxpayers and residents of member towns need to pick up a pass from their town location listed above.
2. Bring your pass to the collection facility with your hazardous products.

NOTE: Each town has a limited number of passes.

Households from non-member towns:

towns:

1. Attend on a fee basis (no pass).
2. Checks should be made out to "LRHHPF".
3. Fee Schedule
 - 0-5 gallons - \$40
 - 6-10 gallons - \$80
4. Each household is limited to 10 gallons.

What can't I bring?

Ammunition/fireworks, asbestos, gas cylinders (including propane tanks), empty/solidified oil-based paints, explosives, radioactive materials (smoke alarms), household trash, tires.

- For radioactives, call the NH Department of Public Health at 603-271-4585.
- For explosives, call the NH State Police at 603-271-3636.

Please note:

- Household products only please; no commercial waste allowed.
- Each household is limited to 10 gallons.
- You will be asked to participate in a brief survey, which helps us improve our collection effort.
- Keep materials in original containers.
- For speedy drop-off, place containers in a sturdy cardboard box in your trunk.

Questions?

- Please call 569-5826 or 651-7530 cell.
- If we are not available at the time, leave a message, we will return your call.
- E-mail us at: lrhHPF@metrocast.net