

Summary of 2000 Vermont HHW/CEG Hazardous Waste Program Activity

Town/District	Days	HH Units ⁱ	Participants ⁱⁱ	% Part.	Program Cost	\$/Part.	# Waste (Pounds)	Mercury-added Products/ Debris (Pounds)	Elemental Mercury (Pounds)	Lamps (Linear Feet)
Addison County SWMD	8	11025	817	7.41	\$ 54,955.03	\$ 67.26	143024	200		29070
Bennington RPC	1	7670	120	1.56	\$ 8,916.00	\$ 74.30	11,492		.1	
Central Vermont SWMD	9	24373	303	1.24	\$ 25,959.37	\$ 85.67	12680	18	21	11,750
Chittenden SWMD ⁴	254	55077	9207	16.72	\$ 243,113.50	\$ 26.41	422200	492		82564
Greater UVSWMD	7	7547	523	6.93	\$ 29,480.00	\$ 56.37	50776	11		1800
SWAC/JMSC (Rutland)	4	5979	152	2.54	\$ 9,365.34	\$ 61.61	6000			108
Lamoille RSWMD	6	9772	320	3.27	\$ 16,979.00	\$ 53.06	36135	7		620
Mad River SWA	2	4927	397	8.06	\$ 15,031.82	\$ 37.86	10334	5	4	1924
NE Kingdom SWMD	4	8212	154	1.88	\$ 15,410.00	\$ 100.06	15760			1299
Northwest SWMD ⁵	9	9855	350	3.55	\$ 14,583.44	\$ 41.67	14899	29		684
Rutland County SWMD	107	20068	996	4.96	\$ 36,749.46	\$ 36.90	45880			2954
S. Wind/Windham SWMD	3	16534	195	1.18	\$ 20,233.00	\$ 103.76	22,000			624
White River Alliance	2	3496	86	2.46	\$ 3,787.17	\$ 44.04	3285	2		3864
Windham SWMD	2	13316	419	3.15	\$ 25,700.00	\$ 61.34	60600			
Waste USA (NEK) ⁱⁱⁱ	2	8032	30	0.37	\$ 13,411.24	\$ 447.04	14160			1440
Bennington	2	6315	400	6.33	\$ 7,875.00	\$ 19.69	6400			128
Burke/Sutton ³	2	797	38	4.77	\$ 3,170.73	\$ 83.44	2880	40		238
Bristol	2	1502	49	3.26	\$ 3,904.60	\$ 79.69	5272.5			84
Derby	1	1902	97	5.10	\$ 3,578.00	\$ 36.89	5760			
Georgia	2	1378	146	10.60	\$ 5,864.00	\$ 40.16	2000			4
Hartford ⁶	4	4494	260	5.79	\$ 11,180.08	\$ 43.00	49120	168		1710
Highgate/Franklin	2	1554	12	0.77	\$ 2,300.00	\$ 191.67	800			
Randolph	2	1798	211	11.74	\$ 11,454.22	\$ 54.29	12280			
Swanton	2	2236	95	4.25	\$ 3,240.00	\$ 34.11	4800			
Shaftsbury	2	1400	50	3.57	\$ 3,920.00	\$ 78.40	6360			125
St. Johnsbury	2	3618	100	2.76	\$ 5,012.20	\$ 50.12	3120			16
Fairfax	2	1173	35	2.98	\$ 1,956.00	\$ 55.89	2080			
TOTALS	445	234050	15562	127.21	\$ 597,129.20	\$2,064.68	970097.5	972	25.1	141006
Averages				4.71		\$76.47				

1. Household Units include year round residents only (no seasonal residents).
2. Participants include businesses and institutions.
3. Includes the following towns; Albany, Barton, Browington, Charleston, Coventry, Glover, Greensboro, Irasburg, Jay, Lowell, Newport Town, Newport City, Sutton, Troy, and

Westfield.

4. Includes the Town of Underhill
 5. Includes the Town of North Hero
 6. Includes some NH waste collected and wastes collected with the Upper Valley Lake Sunapee Regional planning commission (Corinth)
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Summary

The following 2000 HHW/CEG Hazardous Waste Collection Data was tabulated from Solid Waste Districts, Alliances and Municipalities representing 96% of Vermont Households. These statewide collections cost approximately \$597,000 served approximately 15,600 participants and collected approximately 485 tons of Hazardous Waste, 25.1 pounds of mercury, 972 pounds of mercury-added products/debris and approximately 141,000 linear feet of fluorescent lamps. In comparison, 1999 saw 96% of Vermont Households represented, cost approximately \$450,000 statewide, served almost 14,500 participants and collected approximately 415 tons of Hazardous Waste, 248 pounds of mercury-added products/debris and lamps. From the two collection years, 1999 and 2000, several conclusions can be drawn and are as follows:

1. Average statewide cost per participant in 2000 was approximately \$76.47. This is a noticeable increase from 1999 when the average cost per participant was \$57.99. In addition, 2000 saw a noticeable increase in total money spent statewide, the total cost for statewide collections was \$147,000 more (\$597,000 vs \$450,000) with an additional 70 tons of hazardous waste being collected (485 tons vs 415 tons). As in past surveys, the larger more fixed facilities tend to have the lowest costs per participant (\$25-\$80) while small one or two day collection events have the highest cost per participant (\$80-\$450).
2. Statewide participation saw a increase in the total number of participants (15,600 vs 14,500) while the average statewide participation saw a slight decrease (4.71% vs 5.05%). Again the larger fixed facilities tend to have the higher participation rates in comparison to the single day collection events.
3. 2000 saw an increase in the waste collected per participant from 1999 (62 vs 58 pounds). As stated in previous surveys the larger fixed facilities (which have longer collection seasons) tend to have a lower waste generation per participant than single day collection events. Increased education and collection opportunities may be one possible reason for the increased Household Hazardous Waste collection.
4. Approximately 445 collection events (or days) were conducted statewide in 2000 (1999 was 549) representing approximately 234,050 households (1999 was 232,748). Note many of these collection events were conducted at the larger fixed facilities/districts and their mobile collection events. Most municipalities conducted one or two day collection events only.
5. Approximately 25.1 pounds of mercury, 972 pounds of mercury-added products/debris and approximately 141,000 linear feet of fluorescent lamps was collected in 2000. In comparison, 1999 saw 248 pounds of mercury (debris/products and lamps) collected through statewide collection events.

Household estimates were derived from the Vermont Department of Health publication: *Population & Housing Estimates Vermont 1999*. Conversion factors used were 8 pounds per gallon and 400 pounds per 55-gallon drum, gaylord or pallet.

If you have any question or comments on the above information, please contact Thomas A. Benoit at (802)-241-3472.

