

Summary of 1999 Vermont HHW/CEG Hazardous Waste Program Activity

Town/District	Days	HH Units ¹	Participants ²	% Part.	Program Cost	\$/Part.	# Waste	# of Mercury
Addison County SWMD	19	10967	1016	9.26	\$ 52,358.00	\$ 51.53	100,800	25
Bennington RPC	2	7978	73	.91	\$ 5,240.97	\$ 71.79	10256	1
Central Vermont SWMD	9	24321	175	.72	\$ 25,000.00	\$ 142.86	20965	.5
Chittenden SWMD ⁴	296	54922	8195	14.92	\$ 96,592.57	\$ 23.17	287,783	54
Greater UVSWMD	6	7509	386	5.14	\$ 16,645.00	\$ 43.12	27464	38
SWAC/JMSC (Rutland)	4	5972	85	1.42	\$ 6,187.31	\$ 72.79	6368	0
Lamoille RSWMD	7	9606	340	3.54	\$ 14,680.10	\$ 43.18	22,245	See CSWD
Mad River SWA	2	4965	405	8.15	\$ 17,125.29	\$ 42.28	23000	13
NE Kingdom SWMD	4	8113	341	4.20	\$ 22,103.32	\$ 64.82	26,325	15
Northwest SWMD ⁵	6	9850	300	3.01	\$ 13,431.13	\$ 44.77	15,600	0
Rutland County SWMD	158	20049	786	3.92	\$ 34,000.00	\$ 43.26	27123	0
S. Wind/Windham SWMD	3	16119	210	1.30	\$ 34,500.00	\$ 164.29	68000	0
White River Alliance	2	3417	76	2.22	\$ 4,554.35	\$ 59.93	5154	.5
Windham SWMD	2	13318	450	3.38	\$ 23,000.00	\$ 51.11	48000	1
Waste USA (NEK) ³	2	6861	120	1.75	\$ 7,117.76	\$ 59.31	4420	10
Bennington	2	6315	275	4.35	\$ 15,550.00	\$ 56.55	11080	0
Bristol	2	1502	160	10.65	\$ 4,700.00	\$ 29.38	6800	1
Burke	2	797	NA	NA	\$ 6,806.46	NA	3983	.5
Derby	1	1877	105	5.60	\$ 3,993.00	\$ 38.03	4800	0
Georgia	2	1378	150	10.89	\$ 6,016.00	\$ 40.11	4600	0
Hartford ⁶	4	4437	245	5.52	\$ 11,027.39	\$ 45.01	68520 (GUV)	87
Highgate	2	1143	80	7.0	\$ 2,000.00	\$ 25.00	1200	0
Randolph	2	1798	50	2.78	\$ 3,038.16	\$ 60.76	5685	.25
St. Albans Town	2	1959	171	8.73	\$ 5,814.00	\$ 34.00	19,200	0
Swanton	2	2236	129	5.77	\$ 4,165.00	\$ 32.29	4000	0
Shaftsbury	2	1375	60	4.36	\$ 7,702.15	\$ 128.37	1375	0
St. Johnsbury	2	3606	80	2.22	\$ 3,207.50	\$ 40.09	5440	0
Sutton	2	358	NA	NA	\$ 3,638.00	NA	1572	1
TOTALS	549	232748	14463		\$		831758	247.75
Averages				5.07		\$57.99		

1. Household Units include year round residents only (no seasonal residents).

2. *Participants include businesses and institutions.*
3. *Includes the following towns; Alburg, Barton, Brownington, Charleston, Coventry, Glover, Greensboro, Irasburg, Jay, Lowell, Troy, Westfield, and Newport City.*
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)*

Summary

The following 1999 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 \$450,000, served approximately 14,500 participants and collected approximately 415 tons of Hazardous Waste and 248 pounds of Mercury. In comparison, 1998 saw 89% of Vermont Households represented, cost approximately \$480,000 statewide, served almost 14,700 participants and collected approximately 355 tons of Hazardous Waste (no mercury data available). From the two collection years, 1998 and 1999, several conclusions can be drawn and are as follows:

1. Average statewide cost per participant in 1999 was approximately \$57.99. This is a slight increase from 1998 when the average cost per participant was \$54.51. Although average cost per participant in 1999 saw an increase, the total cost for statewide collections was \$30,000 less (\$450,000 vs \$480,000) and more hazardous waste was collected (415 tons vs 355 tons). As in past surveys, the larger more fixed facilities have the lowest costs per participant (\$25-\$60) while small one or two day collection events have the highest cost per participant (\$60-\$165).
2. Statewide participation saw a decrease in the total number of participants (14,463 vs 14,700) while the average statewide participation saw a slight increase (5.05% vs 4.52%). Again the larger fixed facilities tend to have the higher participation rates in comparison to the single day collection events.
3. 1999 saw an increase in the waste collected per participant from 1998 (58 vs 49 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 549 collection events (or days) were conducted statewide in 1999 (1998 was 498) representing approximately 232,748 households (1998 was 219,491). 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 248 pounds of mercury was collected through statewide collection events. As this is the first year that data was readily available on mercury collection, no comparisons can be made.
6. Household estimates were derived from the Vermont Department of Health publication: *Population & Housing Estimates Vermont 1998*. 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.