

Summary of 1998 Vermont HHW/CEG Hazardous Waste Program Activity

Town/District	Days	HH Units¹	Participants²	% Part.	Program Cost	\$/Part.	# Waste
Addison County SWMD	14	10909	935	8.6	\$ 35,452.00	\$37.92	70,238
Central Vermont SWMD ³	10	23204	283	1.2	\$ 15,860.18	\$56.04	15,544
Chittenden SWMD	295	54295	8193	15.09	\$ 208,722.00	\$25.48	287,837
Greater UVSWMD	6	7497	996	13.29	\$ 25,450.00	\$25.55	56,176
Lamoille RSWMD	6	9653	264	2.73	\$ 12,440.15	\$47.12	15,917
Mad River SWA ⁸	2	4965	264	5.32	\$ 11,664.00	\$44.18	24,880
NE Kingdom SWMD	4	8043	258	3.21	\$ 26,689.28	\$103.45	14,926
Northwest SWMD	6	9803	229	2.34	\$ 9,776.68	\$42.69	12,388
Rutland County SWMD	126	19967	1260	6.31	\$ 32,660.00	\$25.92	42,620
SWAC/JMSC (Rutland)	4	5986	176	2.94	\$ 10,522.68	\$59.96	11,234
S. Wind/Windham SWMD ⁷	1	16033	187	1.16	\$ 11,434.00	\$61.14	68,400
Windham SWMD	2	13273	620	4.67	\$ 25,000.00	\$40.32	38,620
Waste USA (NEK) ⁴	2	6616	67	1.01	\$ 4,662.30	\$69.59	4000
Bennington	2	6315	100	1.58	\$ 6,065.00	\$60.65	13,640
Bennington RPC	2	7550	155	2.05	\$ 10,345.00	\$66.74	9909
Corinth ⁵	2	498	4	.80	\$ 152.70	\$38.17	NA
Derby	1	1877	109	5.81	\$ 3,566.00	\$32.72	8080
Fairfax	2	1082	50	4.62	\$ 2,335.00	\$46.70	800
Franklin	2	409	3	.73	\$ 413.00	\$137.67	NA
Hartford	4	4367	212	4.85	\$ 7,661.78	\$36.14	NA ⁶
Randolph	1	1798	68	3.78	\$ 5,554.25	\$81.68	5700
St. Albans Town	2	1959	182	9.29	\$ 6,800.00	\$37.36	5200
Swanton	2	3392	85	2.51	\$ 6,500.00	\$76.47	4800
TOTALS	498	219491	14700		\$ 479,726.00		710915
Averages				4.52		\$54.51	

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

² Participants include businesses and institutions.

³ CVSWMD program costs do not reflect revenue that was taken in at collection events.

⁴ Includes the following towns: Albany, Barton, Browington, Charleston, Coventry, Glover, Greensboro, Irasburg, Lowell, Newport City, and Troy.

⁵ Corinth household hazardous waste (HHW) collected at Hartford with Upper Valley Lake Sunapee Regional Planning Commission's event (UVLSRPC).

⁶ Hartford HHW shipped with Greater Upper Valley SWMD and UVLSRPC waste.

⁷ S. Wind/Windham SWMD's Program cost does not include payments from businesses or the Department of Agriculture.

⁸ Mad River SWA pounds of waste does not include waste crankcase oil.

Summary

The 1998 HHW/CEG Hazardous Waste Collection Data was tabulated from towns and districts representing 89 % of Vermont Households. State-wide collections cost approximately \$480,000, served almost 14,700 participants and collected approximately 355 tons of hazardous waste. This is a significant increase from 1997 collections where \$455,000 was spent, approximately 13,100 households participated and almost 210 tons of hazardous waste was collected. This represents a \$30,000 statewide program cost increase, 11% participation increase and an additional 145 tons of hazardous waste collected (in comparison to 1997 data). From these 1997 and 1998 collections several general conclusions can be drawn. They are as follows:

1. Average costs per participant (statewide) is approximately \$54.51. However, as noted in past surveys the larger high volume, fixed facilities have the lowest per participant costs (\$25-\$40) while small one or two day collection events have the highest per participant costs ((\$60-\$140).
2. As noted earlier statewide participation continues to increase (11% in 1998), as well as the number of households that have participated in previous years.
3. Statewide individual program participation is approximately 4.52%, although the larger, fixed facilities/districts tend to have higher participation rates (7%-15%) while the towns or municipalities that host single day collection events tend to have lower participation rates (.5%-5%).
4. Average pounds of waste per participant is approximately 49 pounds (statewide). Once again the larger fixed facilities tend to have lower waste generation per participant than single day collection events. In comparison to 1997 data, 1998 saw increased pounds of waste per participant at approximately 30-35 pounds at the larger fixed facilities (24-26 pounds in 1997) and almost 50-70 pounds at single day collection events (35 pounds in 1997). This noticeable increase is probably due to both the increased awareness of what constitutes a hazardous waste and increasing participation rates.
5. Approximately 498 collection events (or days) were conducted statewide reaching approximately 219, 491 households. 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.

Household estimates were derived from the Vermont Department of Health publication: *Population & Housing Estimates Vermont 1997*. 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.