

SUMMARY OF 2003 VERMONT HHW/CEG HAZARDOUS WASTE PROGRAM ACTIVITY

TOWN/DISTRICT	COLLECTION EVENTS	HH UNITS	PARTICIPANTS	BUSINESSES	REPEAT PARTICIPANTS	% REPEAT PARTICIPANTS	% TOTAL PROGRAM PARTICIPATION	PROGRAM COST	\$/PART	POUNDS OF WASTE	POUNDS OF WASTE PER PARTICIPANT	POUNDS OF MERCURY-ADDED PRODUCTS/DEBRIS	POUNDS OF ELEMENTAL MERCURY	FLUORESCENT LAMPS (FT)	ELECTRONICS
1 Addison County SWMD	20	12706	920	29	564	61.30	7.24	\$84,591.58	\$91.95	37872	40	15	100	37434	112098
2 Bennington CRC ⁵	2	6575	197	8	89	45.18	3.00	\$16,564.12	\$84.08	14088	69	5	0	800	0
3 Central Vermont SWMD	9	27751	392	30	120	30.61	1.41	\$41,501.64	\$105.87	24291	58	11	3.5	5462	36894
4 Chittenden SWMD ¹	248	62358	9268	386	0	0.00	14.86	\$442,111.00	\$47.70	535061	55	418	0	211409	90620
5 Greater UVSWM/D(GUV) ²	2	9462	288	4	173	60.07	3.04	\$14,888.00	\$51.69	17632	60	20	9	3491	22600
6 Solid Waste Alternative Committee	4	6546	224	0	0	0.00	3.42	\$18,906.64	\$84.40	10801	48	0	0	2668	6929
7 Lamoille RSWMD	6	12780	397	20	187	47.10	3.11	\$23,369.12	\$58.86	25582	61	31	0	24551	24280
8 Londonderry Group ³	2	2896	126	5	10	7.94	4.49	\$13,108.06	\$104.03	20445	156	40	0	2640	0
9 Mad River SWA	2	8111	315	34	190	60.32	3.88	\$20,621.00	\$65.46	25168	72	93	0	4060	11730
10 NE Kingdom SWMD	93	12154	1103	29	138	12.51	9.08	\$37,775.29	\$34.25	44200	39	21	0	11228	22791
11 Northwest SWMD ⁴	15	13758	487	30	0	0.00	3.54	\$20,899.38	\$42.91	33676	65	0	0	8456	26000
12 Rutland County SWMD	250	22500	774	73	0	0.00	3.44	\$82,927.30	\$107.14	39920	47	0	34	23947	54122
13 S. Wind/Windham SWMD	2	20104	228	4	114	50.00	1.13	\$21,013.00	\$92.16	4836	21	8	5	934	0
14 White River Alliance	2	4769	104	3	0	0.00	2.18	\$7,903.94	\$76.00	8800	82	3	0	3084	0
15 Windham SWMD	1	19468	128	11	64	50.00	0.66	\$16,064.00	\$125.50	28960	208	240	0	29100	102420
16 Waste USA (NEK) ⁵	2	10831	319	0	0	0.00	2.95	\$29,130.87	\$91.32	13920	44	0	0	128	0
17 Georgia	2	1654	140	0	106	75.71	8.46	\$6,155.50	\$43.97	7520	54	0	2	267	0
18 Highgate/Franklin	2	2111	57	0	22	38.60	2.70	\$3,302.69	\$57.94	2800	49	0	0	600	0
19 Randolph, Braintree & Brookfield	2	3074	204	2	0	0.00	6.64	\$15,291.36	\$74.96	11200	54	0	0	152	0
20 St. Albans Town	2	2257	242	0	168	69.42	10.72	\$10,439.00	\$43.14	12080	50	0	30	2000	0
21 St. Johnsbury	2	3482	196	19	111	56.63	5.63	\$11,894.00	\$60.68	12193	57	62	0	2984	0
22 Salisbury	3	628	60	2	30	50.00	9.55	\$6,248.10	\$104.14	1863	30	4	0	1308	0
23 Shaftsbury/Pownal	4	3137	200	0	0	0.00	6.38	\$14,738.75	\$73.69	9797	49	0	0	1700	0
24 Swanton	2	2689	137	3	100	72.99	5.09	\$5,626.56	\$41.07	4920	35	1	0	0	0
TOTALS	679	271711	16506	692	2186	13.24	4.19	\$965,070.90	\$73.46	947625	63	972	183.5	378403	510484

¹ Includes Underhill.

² Includes Upper Valley Lake Sunapee, Corinth, Fairlee, Hartford and some NH wastes.

³ Includes the town of Mount Holly for 1 collection.

⁴ Includes the towns of North Hero and Grand Isle

⁵ Includes the following towns; Albany, Barton, Browington, Burke, Charleston, Coventry, Glover, Greensboro, Irasburg, Jay, Lowell, Newport Town, Newport City, Troy, and Westfield.

⁶ Includes the towns of Arlington, Dorset, Manchester, Rupert, Sandgate, and Sunderland.

SUMMARY

The following 2003 HHW/CEG Hazardous Waste Collection Data was tabulated from Solid Waste Districts, Alliances and Municipalities representing 92% of Vermont households. These statewide collections cost approximately \$965,000, served approximately 16,500 participants and collected approximately 474 tons of Hazardous waste, 180 pounds of mercury, 970 pounds of mercury-added products/debris and 378,000 linear feet of fluorescent lamps. In comparison, 2002 saw 95% of Vermont Households represented, cost approximately \$819,000, served approximately 18100 participants and collected approximately 511 tons of Hazardous Waste, 168 pounds of mercury, 1740 pounds of mercury-added products/debris and 338,000 linear feet of fluorescent lamps. The following is a comparison of the 2003 and 2002 collection years.

1. Average statewide cost per participant in 2003 was approximately \$73.46. This is an increase from 2002 when the average cost per participant was \$71.92. In addition, the total cost for statewide collections in 2003 was approximately \$146,000 more than 2002 (\$965,000 vs. \$819,000). This can be attributed to the rising cost of HHW/CEG collection and disposal, as well as the limited numbers of Hazardous Waste contractors available to provide these services. 2003 when compared to 2002 saw an decrease in the hazardous waste collected (474 tons vs. 511 tons).
2. 2003 Statewide participation saw a decrease in the total number of participants (16,500 vs. 18,100) in comparison to 2002, and a decrease in the average statewide participation (4.19% vs. 5.19%). Of the participants for 2003, 692 were businesses and 2186 were repeat participants (repeat participants accounted for an average of 13% of the total 2003 participants). Fixed facilities, seasonal collections and some single-day collection events had higher than the state average participation rates (4.49%- 14.86%).
3. The amount of waste collected per participant stayed the same when compared with 2002 (63 pounds).
4. The number of collection events available statewide increased in 2003 compared to 2002 (679 vs. 609).
5. Approximately 180 pounds of elemental mercury, 970 pounds of mercury-added products/debris and 378,000 linear feet of fluorescent lamps was collected in 2003. In comparison, 2002 was approximately 168 pounds of mercury, 1740 pounds of mercury-added products/debris and 338,000 linear feet of fluorescent lamps collected.

Household estimates were derived from the US Census Bureau: *Population, Housing Units, Area and Density: 2000*.

Conversion factors used were 8 pounds per gallon, 400 pounds per 55-gallon drum, Gaylord or pallet and .15 pounds per lineal foot of fluorescent lamps.

This information is a collection of Household Hazardous and Conditionally Exempt Generator (HHW/CEG) Waste surveys completed by various Solid Waste Districts, Alliances and Municipalities throughout the State Of Vermont. Every attempt has been made to provide accurate information on Vermont's Household Hazardous Waste and Conditionally Exempt Generator waste collections. Multi-entity collections and districts that provide collection services for other districts or municipalities have reported their collection numbers only (to help prevent any double counting). Any questions, suggestions or corrections, please feel free to contact , Thomas A. Benoit, Sr at (802) 241-3472 or e-mail at thomas.benoit@anr.state.vt.us.

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