

SUMMARY OF 2007 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	HHW POUNDS OF WASTE	CEG POUNDS OF WASTE	POUNDS OF WASTE PER HHW PARTICIPANT	POUNDS OF WASTE PER CEG PARTICIPANT	POUNDS OF MERCURY-ADDED PRODUCTS/DEBRIS	POUNDS OF ELEMENTAL MERCURY	FLUORESCENT LAMPS (FT)	POUNDS OF ELECTRONICS
1 Addison County SWMD	208	12706	1250	90	613	49.04	10.65	\$43,103.00	\$34.48	60813	11342	49	126	45	0	36000	220000
2 Bennington CRC ¹	2	6575	629	3	261	41.49	9.61	\$56,797.88	\$90.30	21904	1640	35	547	40	0	3500	50194
3 Central Vermont SWMD ²	6	27751	563	22	293	52.04	2.11	\$73,106.13	\$129.85	60600	2380	117	108	79	0	3605	80460
4 Chittenden SWMD	293	62358	8787	612	0	0.00	15.07	\$550,419.00	\$62.64	253285	112583	29	184	329	0	274800	496100
5 Greater UVSWMD(GUV) ³	6	14955	701	12	525	74.89	4.77	\$40,309.00	\$57.50	63000	1200	90	100	15	0	22895	43600
6 Lamoille RSWMD	3	12780	378	17	189	50.00	3.09	\$34,385.73	\$90.97	25600	4600	68	271	158	0	19468	93300
7 Londonderry Group ⁴	2	2806	95	5	62	65.26	3.56	\$16,549.35	\$174.20	6790	370	71	74	40	0	1667	0
8 Mad River SWA	2	8111	338	44	187	55.33	4.71	\$29,212.00	\$86.43	7983	682	24	16	0	3	3472	23426
9 NE Kingdom SWMD	102	12154	379	2	184	48.55	3.13	\$41,152.71	\$108.58	26440	904	70	452	0	0	7282	59340
10 Northwest SWMD	12	13758	785	8	549	69.94	6.76	\$33,923.30	\$43.21	30640	400	39	50	0	26	11388	55499
11 Rutland County SWMD	267	22500	879	125	0	0.00	4.46	\$140,932.35	\$160.33	31160	5200	35	42	320	0	40615	70460
12 Solid Waste Alliance Committee	4	6546	320	4	0	0.00	4.95	\$34,995.77	\$109.36	16928	0	53	0	5	0	3460	13920
13 S. Wind/Windham SWMD	2	20104	473	3	141	29.81	2.37	\$35,003.40	\$74.00	17170	400	36	133	0	0	147266	29840
14 Tri-town Agreement	2	3074	316	3	228	72.15	10.38	\$24,254.02	\$76.75	11257	23	36	8	0	0	4500	17587
15 White River Alliance	2	4769	100	0	0	0.00	2.10	\$12,478.23	\$124.78	9760	0	98	0	10	0	623	48794
16 Windham SWMD	304	19468	1584	28	1188	75.00	8.28	\$27,880.00	\$17.60	24660	2880	16	103	50	0	12936	79390
17 Waste USA (NEK) ⁵	2	10831	248	7	0	0.00	2.35	\$36,234.40	\$146.11	16440	1841	66	263	30	0	8574	7668
18 Bennington/Woodford	2	6908	294	6	171	58.16	4.34	\$16,063.09	\$54.64	11998	470	41	78	40	0	4872	513
19 Bristol	3	1546	75	0	60	80.00	4.85	\$13,021.00	\$173.61	5350	0	71	0	0	0	100	8891
20 Burke ⁶	1	892	74	0	0	0.00	8.30	\$3,217.23	\$43.48	1040	0	14	0	0	0	0	5400
21 Fairfax	2	2257	74	0	26	35.14	5.92	\$2,640.06	\$35.68	2400	0	32	0	6	0	80	513
22 Franklin/Highgate	2	2111	71	0	30	42.25	3.36	\$3,082.00	\$43.41	2880	0	41	0	0	0	18404	0
23 Salisbury	2	628	0	0	0	0.00	8.28	\$5,860.00	\$112.69	3480	0	67	0	0	0	3480	30700
24 St. Albans Town	2	2257	258	0	200	77.52	11.43	\$6,034.84	\$23.39	9200	0	36	0	0	0	24	950
25 St. Johnsbury	2	3482	191	51	157	82.20	6.95	\$13,712.00	\$71.79	10080	1508	53	30	5	2	8800	4785
26 Swanton	2	2689	144	0	94	65.28	5.36	\$6,601.42	\$45.94	2480	0	17	0	1	0	1568	0
TOTALS	1237	283008	19058	1042	5158	27.06	7.10	\$1,300,967.93	\$68.26	738798	148423	39	142	1173	31	639379	1441330

¹ Includes the towns of Arlington, Dorset, Manchester, Rupert, Sandgate, and Sunderland.

² Includes Towns of Corinth, Fairlee and Newbury wastes.

³ Includes the Town of Hartford wastes.

⁴ Includes the town of Mount Holly for 1 collection.

⁵ Includes the following towns: Barton, Brownington, Burke, Charlestown, Coventry, Glover, Greensboro, Jay, Lowell, Newport Town, Newport City, Troy, and Westfield.

⁶ Participated in one Coventry HHW collection event and held one collection event in Burke.

SUMMARY

The following 2007 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 \$1,300,000.00, served approximately 19058 participants and collected approximately 369 tons of Household Hazardous waste, 74 tons of Conditionally Exempt Generator Waste, 31 pounds of mercury, 1173 pounds of mercury-added products/debris, 639000 linear feet of fluorescent lamps and approximately 1,441,000 pounds of discarded electronics. In comparison, 2006 saw 94% of Vermont Households represented, cost approximately \$1,267,000, served approximately 19300 participants and collected approximately 428 tons of Household Hazardous Waste, 93 tons of Conditionally Exempt Generator Waste, 17 pounds of mercury, 3577 pounds of mercury-added products/debris, 542,000 linear feet of fluorescent lamps and approximately 1,150,000 pounds of discarded electronics. The following is a comparison of the 2007 and 2006 collection years.

- Average statewide cost per participant in 2007 was approximately \$68.26. This is a decrease from 2006 when the average cost per participant was \$70.19. In addition, the total cost for statewide collections in 2007 was approximately \$33,000 more than 2006 (\$1,300,000 vs. \$1,267,000). 2007 when compared to 2006 saw a decrease in the hazardous waste collected (369 tons vs. 428 tons).
- 2007 Statewide participation saw a slight decrease in the total number of participants (19,058 vs. 19,315) in comparison to 2006, and an increase in the average statewide participation (7.10% vs. 6.31%). Of the participants for 2007, 1042 were businesses and 5158 were repeat participants (repeat participants accounted for an average of 27% of the total 2007 participants). Fixed facilities, seasonal collections and some single-day collection events had higher than the state average participation rates (8.28%- 15.07%).
- The amount of waste collected in 2007 per participant decreased when compared with 2006 (39 vs 48 pounds).
- The number of collection events available statewide increased slightly in 2007 compared to 2006 (1237 vs. 1225).
- Approximately 31 pounds of elemental mercury, 1173 pounds of mercury-added products/debris and 639,000 linear feet of fluorescent lamps was collected in 2007. In comparison, 2006 was approximately 17 pounds of mercury, 3577 pounds of mercury-added products/debris and 542,000 linear feet of fluorescent lamps collected.
- Approximately 720 tons of electronic waste was collected in 2007 versus 575 tons collected in 2006.

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. All information compiled and represented here was reported by representatives of the Solid Waste District, Alliance and/or Municipality. 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@state.vt.us.

March 2008