

# SUMMARY OF 2008 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	1275	115	637	49.96	10.94	\$66,182.00	\$51.91	71257	20751	56	180	91	0	44750	191000
2 Bennington CRC <sup>1</sup>	2	8575	389	3	207	53.21	5.96	\$52,226.55	\$134.26	13848	280	36	93	100	0	3000	36740
3 Central Vermont SWMD <sup>2</sup>	6	27751	674	35	312	46.29	2.55	\$81,966.38	\$121.61	63495	6529	94	187	87	0	10161	90000
4 Chittenden SWMD	290	62358	8850	687	0	0.00	15.29	\$545,817.00	\$61.67	219193	96792	25	141	328	0	295660	597140
5 Greater UVSWMD(GUV) <sup>3</sup>	3	14955	348	12	226	64.94	2.41	\$24,836.66	\$71.37	20544	0	59	0	0	20	16247	59585
6 Lamoille RSWMD	4	12780	379	23	222	58.58	3.15	\$31,107.00	\$82.08	24949	3600	66	157	0	0	22027	118320
7 Londonderry Group	2	1889	130	6	0	0.00	7.20	\$19,888.94	\$152.99	13672	874	105	146	184	0	2181	0
8 Mad River SWA	2	8111	355	48	133	37.46	4.97	\$30,999.00	\$87.32	14200	2380	40	50	58	0	4108	26240
9 NE Kingdom SWMD	306	23088	2492	5	221	8.87	10.82	\$44,892.42	\$18.01	27520	1600	11	320	10	0	33099	117760
10 Northwest SWMD	12	13758	434	7	315	72.58	3.21	\$42,438.24	\$97.78	25920	0	60	0	0	0	14200	41500
11 Rutland County SWMD	265	22500	761	141	0	0.00	4.01	\$142,059.00	\$186.67	17993	6040	24	43	608	0	70962	112260
12 Solid Waste Alliance Committee	10	6546	241	0	0	0.00	3.68	\$13,290.30	\$55.15	8000	0	33	0	3.25	0	2558	11595
13 S. Wind/Windham SWMD	2	20104	490	4	216	44.08	2.46	\$27,286.84	\$55.89	30784	680	63	170	0	0	7776	0
14 Tri-town Agreement	2	3074	385	3	240	62.34	12.82	\$30,287.14	\$78.67	17426	560	45	187	10.5	0	6756	12172
15 White River Alliance	2	4769	137	0	0	0.00	2.87	\$9,527.32	\$89.54	8520	0	62	0	25	0	8515	44900
16 Windham SWMD	304	19468	5169	32	1295	25.05	26.72	\$49,149.50	\$9.51	54880	2880	11	90	100	0	11353	177120
17 Waste USA (NEK) <sup>4</sup>	2	6760	321	8	0	0.00	5.71	\$47,848.35	\$149.06	22090	0	69	0	0	0	4550	13776
18 Bennington/Woodford	2	8908	387	21	259	66.93	5.91	\$26,337.00	\$68.05	16186	0	42	0	40	13.5	5799	3173
19 Bristol	3	1546	150	0	100	66.67	9.70	\$13,036.00	\$86.91	6550	0	44	0	0	0	0	4475
20 Burke <sup>5</sup>	1	892	75	0	25	33.33	8.41	\$3,891.50	\$51.89	3480	0	46	0	0	0	4104	5220
21 Fairfax	2	1249	272	0	89	32.72	21.78	\$11,172.00	\$41.07	5680	0	21	0	7	0	78	5640
22 Franklin/Highgate	2	2111	64	0	32	50.00	3.03	\$3,252.00	\$50.81	2800	0	44	0	0	0	1412	0
23 Salisbury	2	628	72	0	50	69.44	11.46	\$10,286.00	\$142.86	4160	0	58	0	0	0	1028	15360
24 St. Albans Town	2	2257	267	0	208	77.90	11.83	\$11,310.00	\$42.36	8947	0	34	0	0	0	1040	1155
25 St. Johnsbury	2	3482	220	46	184	83.64	7.64	\$16,116.00	\$73.25	6720	800	31	17	0	0	7206	6924
26 Shaftsbury <sup>6</sup>	2	3524	200	0	0	0.00	5.68	\$17,346.97	\$86.73	14800	0	74	0	100	0	2580	0
27 Swanton	2	2689	135	0	88	65.19	5.02	\$6,584.79	\$48.78	4920	0	36	0	30.25	0	1180	0
<b>TOTALS</b>	<b>1442</b>	<b>291478</b>	<b>24672</b>	<b>1196</b>	<b>5059</b>	<b>20.51</b>	<b>8.87</b>	<b>\$1,379,134.90</b>	<b>\$55.90</b>	<b>728534</b>	<b>143766</b>	<b>30</b>	<b>120</b>	<b>1782</b>	<b>33.5</b>	<b>582330</b>	<b>1692055</b>

<sup>1</sup> Includes the towns of Arlington, Dorset, Manchester, Rupert, Sandgate, and Sunderland.

<sup>2</sup> Includes Towns of Corinth, Fairlee and Newbury wastes.

<sup>3</sup> Includes the Town of Hartford.

<sup>4</sup> Includes the following towns: Barton, Burke, Coventry, Glover, Lowell, and Newport City.

<sup>5</sup> Participated in one Coventry HHW collection event and held one collection event in Burke.

<sup>6</sup> Includes the towns of Pownal and Stamford.

## SUMMARY

The following 2008 HHW/CEG Hazardous Waste Collection Data was tabulated from Solid Waste Districts, Alliances and Municipalities representing 99% of Vermont households. These statewide collections cost approximately \$1,380,000.00, served approximately 24,000 participants and collected approximately 364 tons of Household Hazardous waste, 71 tons of Conditionally Exempt Generator Waste, 33 pounds of mercury, 1782 pounds of mercury-added products/debris, 582,000 linear feet of fluorescent lamps and approximately 1,692,000 pounds of discarded electronics. In comparison, 2007 saw 96% of Vermont Households represented, cost approximately \$1,300,000, served approximately 19,000 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, 639,000 linear feet of fluorescent lamps and approximately 1,441,000 pounds of discarded electronics. The following is a comparison of the 2008 and 2007 collection years.

- Average statewide cost per participant in 2008 was approximately \$55.90. This is a decrease from 2007 when the average cost per participant was \$68.26. In addition, the total cost for statewide collections in 2008 was approximately \$80,000 more than 2007 (\$1,380,000 vs. \$1,300,000). 2008 when compared to 2007 saw a decrease in the hazardous waste collected (364 tons vs. 369 tons).
- 2008 Statewide participation saw an increase in the total number of participants in comparison to 2007 (24672 vs. 19,058), and an increase in the average statewide participation (8.87% vs. 7.10%). Of the participants for 2008, 1196 were businesses and 5059 were repeat participants (repeat participants accounted for an average of 20% of the total 2008 participants). Fixed facilities, seasonal collections and some single-day collection events had higher than the state average participation rates (8.41%- 26.72%).
- The amount of waste collected in 2008 per participant decreased when compared with 2007 (30 vs. 39 pounds).
- The number of collection events available statewide increased in 2008 compared to 2007 (1442 vs. 1237).
- Approximately 33 pounds of elemental mercury, 1782 pounds of mercury-added products/debris and 582,000 linear feet of fluorescent lamps was collected in 2008. In comparison, 2007 was approximately 31 pounds of mercury, 1173 pounds of mercury-added products/debris and 639,000 linear feet of fluorescent lamps collected.
- Approximately 846 tons of electronic waste was collected in 2008 verses 720 tons collected in 2007.

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.

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