

# SUMMARY OF 2009 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	1211	106	600	49.55	10.37	\$40,625.42	\$33.55	60553	15837	50	149	55	0	36500	222837
2 Bennington CRC <sup>1</sup>	2	6575	412	3	238	57.77	6.31	\$31,224.35	\$75.79	11888	0	29	0	480	0	3167	33660
3 Central Vermont SWMD <sup>2</sup>	5	27751	623	12	383	61.48	2.29	\$80,294.00	\$128.88	55220	2544	89	140	140	0	6076	109900
4 Chittenden SWMD	290	62358	7857	672	0	0.00	13.68	\$564,433.00	\$71.84	184878	131248	24	195	368	0	44990	563132
5 Greater UVSWMD(GUV) <sup>3</sup>	2	14955	455	14	227	49.89	3.14	\$30,444.00	\$66.91	18000	100	40	7	12	0	18500	38000
6 Lamaille RSWMD	3	12780	378	15	223	58.99	3.08	\$24,817.00	\$65.65	28040	1600	74	107	0	0	24193	107280
7 Londonderry Group	2	1889	112	2	77	68.75	6.03	\$8,849.87	\$79.02	7720	920	69	460	28	0	154	0
8 Mad River Resource Mgmt. Alliance	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	106	23088	474	6	189	39.87	2.08	\$45,375.73	\$95.73	22800	2000	48	333	1.54	0	33638	90960
10 Northwest SWMD	13	13758	358	5	155	43.30	2.64	\$39,271.90	\$109.70	27960	0	78	0	268	0	15288	58291
11 Rutland County SWMD	276	22500	772	132	0	0.00	4.02	\$204,364.88	\$264.72	184164	0	239	0	304	0	72024	183860
12 Solid Waste Alliance Committee	7	6546	145	39	0	0.00	2.81	\$14,750.36	\$101.73	9240	5	64	0	0	0	1810	49807
13 S. Wind/Windham SWMD	2	20104	463	5	176	38.01	2.33	\$31,464.11	\$67.96	32000	4000	69	800	0	0	0	0
14 Tri-town Agreement	2	3074	361	5	245	67.87	11.91	\$28,628.06	\$79.30	11040	160	31	32	0	0	4016	15295
15 White River Alliance	2	4769	280	0	0	0.00	5.87	\$12,933.85	\$46.19	9200	0	33	0	25	0	3592	34575
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	5760	262	6	129	49.24	4.65	\$31,080.24	\$118.63	158608	1392	605	232	0	0	6504	16112
18 Bennington/Woodford	2	6908	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	245	0	185	75.51	15.85	\$10,560.00	\$43.10	8320	800	34	0	10	0	0	7591
20 Burke <sup>5</sup>	1	892	68	0	24	35.29	7.62	\$3,787.31	\$55.70	1200	0	18	0	0	0	808	2400
21 Fairfax	2	1249	245	0	93	37.96	19.62	\$10,110.00	\$41.27	14480	0	59	0	9	0	6865	0
22 Franklin/Higgate	2	2111	55	0	43	78.18	2.61	\$3,310.00	\$60.18	2000	0	36	0	0	0	160	0
23 Salisbury	2	628	43	0	39	90.70	6.85	\$8,253.00	\$191.93	2310	0	54	0	0	0	0	1603
24 St. Albans Town	2	2257	233	0	203	87.12	10.32	\$10,805.59	\$46.38	6080	0	26	0	0	0	420	1194
25 St. Johnsbury	2	3482	177	22	136	76.84	5.72	\$13,066.00	\$73.82	5600	0	32	0	0	0	2122	3514
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>1248</b>	<b>291478</b>	<b>21475</b>	<b>1145</b>	<b>5140</b>	<b>23.93</b>	<b>7.76</b>	<b>\$1,378,865.93</b>	<b>\$64.21</b>	<b>966287</b>	<b>165866</b>	<b>45</b>	<b>145</b>	<b>2028.79</b>	<b>13.5</b>	<b>298982</b>	<b>1753309</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 2009 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 \$1,380,000.00, served approximately 21,475 participants and collected approximately 483 tons of Household Hazardous waste, 84 tons of Conditionally Exempt Generator Waste, 13.5 pounds of mercury, 2029 pounds of mercury-added products/debris, 298,982 linear feet of fluorescent lamps and approximately 877 tons of discarded electronics. In comparison, 2008 saw 99% 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 2009 and 2008 collection years.

- Average statewide cost per participant in 2009 was approximately \$64.21. This is an increase from 2008 when the average cost per participant was \$55.90. The total cost for statewide collections for 2009 was approximately \$1,380,000.
- 2009 Statewide participation saw a decrease in the total number of participants in comparison to 2008 (21475 vs. 24,672), and an increase in the average statewide participation (8.87% vs. 7.76%). 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 2009 per participant increased when compared with 2008 (48 vs. 30 pounds).
- The number of collection events available statewide decreased in 2009 compared to 2008 (1248 vs. 1442).
- Approximately 13.5 pounds of elemental mercury, 2029 pounds of mercury-added products/debris and 298,982 linear feet of fluorescent lamps was collected in 2009. In comparison, 2008 was approximately 31 pounds of mercury, 1173 pounds of mercury-added products/debris and 639,000 linear feet of fluorescent lamps collected.
- Approximately 877 tons of electronic waste was collected in 2009 versus 846 tons collected in 2008.

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 , Christopher "Topher" Kay at (802) 241-4221 or e-mail at christopher.kay@state.vt.us.