

# SUMMARY OF 2006 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)	ELECTRONICS
1 Addison County SWMD	208	12706	1100	80	536	48.64	8.66	\$75,000.00	\$68.18	101820	14000	92	175	34	0	33800	138000
2 Bennington CRC <sup>1</sup>	2	8575	443	3	155	34.99	6.74	\$25,737.35	\$58.10	12052	296	27	99	60	0	2567	57357
3 Central Vermont SWMD <sup>2</sup>	8	27751	857	29	221	25.79	3.09	\$96,418.94	\$112.51	116240	2600	136	90	800	0	9782	99700
4 Chittenden SWMD	298	62358	8365	543	0	0.00	13.41	\$564,399.00	\$67.47	293007	129608	35	239	325	0	257427	329640
5 Greater UVSWMD(GUV) <sup>3</sup>	2	14955	575	6	380	66.09	3.84	\$24,828.00	\$43.18	29048	2680	51	447	50	0	21895	46695
6 Lamolle RSWMD	4	12780	418	12	220	52.63	3.27	\$35,703.29	\$85.41	26960	2680	64	223	24	0	20861	53080
7 Londonderry Group <sup>4</sup>	2	2806	370	4	150	40.54	13.19	\$15,667.70	\$42.35	8040	640	22	160	15	0	6272	2400
8 Mad River SWA	2	8111	298	37	213	71.48	3.67	\$25,533.00	\$85.68	11860	1030	40	28	30	0	24892	7600
9 NE Kingdom SWMD	89	12154	1083	25	199	18.37	8.91	\$45,800.00	\$42.29	49480	597	46	24	64	0	26407	90904
10 Northwest SWMD	12	13758	583	11	320	54.89	4.24	\$32,076.17	\$55.02	23600	2800	40	255	46	17	12251	31949
11 Rutland County SWMD	260	22500	997	119	0	0.00	4.43	\$103,989.52	\$104.30	32296	6800	32	57	1823	0	45515	82255
12 Solid Waste Alliance Committee	4	6546	262	0	0	0.00	4.00	\$28,576.82	\$109.07	16500	0	63	0	1	0	876	15980
13 S. Wind/Windham SWMD	2	20104	214	9	0	0.00	1.06	\$19,267.72	\$90.04	17600	4948	82	550	68	0	20458	39000
14 Tri-town Agreement	2	3074	294	0	0	0.00	9.56	\$23,886.28	\$79.55	18640	0	63	0	5	0	4120	0
15 White River Alliance	2	4769	113	0	0	0.00	2.37	\$10,858.88	\$96.99	10560	0	93	0	2	0	2974	41458
16 Windham SWMD	312	19468	1950	18	0	0.00	10.02	\$38,000.00	\$19.49	40160	14120	21	784	160	0	13334	88000
17 Waste USA (NEK) <sup>5</sup>	2	10831	469	8	0	0.00	4.33	\$45,873.14	\$97.17	18643	0	40	0	0	0	12043	16542
18 Bristol	3	1546	140	0	130	92.86	9.06	\$10,290.00	\$73.50	2690	0	19	0	0	0	0	7706
19 Burke <sup>6</sup>	1	892	67	0	30	44.78	7.51	\$3,289.00	\$49.09	1200	0	18	0	0	0	3640	0
20 Fairfax	2	1249	67	0	0	0.00	5.36	\$5,595.00	\$83.51	1900	0	27	0	4	0	672	375
21 Franklin/Highgate	2	2111	48	0	20	41.67	2.27	\$2,559.04	\$53.31	1780	0	37	0	0	0	76	0
23 St. Albans Town	2	2257	259	0	175	67.57	11.48	\$10,525.00	\$40.64	8080	0	31	0	15	0	3228	643
24 St. Johnsbury	2	3482	211	50	168	79.62	6.06	\$18,577.00	\$88.04	9280	2440	44	49	30	0	11304	1000
25 Swanton	2	2689	132	0	90	68.18	4.91	\$5,248.18	\$39.76	4880	0	37	0	1	0	2200	0
<b>TOTALS</b>	<b>1225</b>	<b>275472</b>	<b>19315</b>	<b>957</b>	<b>3006</b>	<b>15.56</b>	<b>6.31</b>	<b>\$1,267,000.03</b>	<b>\$70.19</b>	<b>855916</b>	<b>185239</b>	<b>48</b>	<b>132</b>	<b>3577</b>	<b>17</b>	<b>542694</b>	<b>1150284</b>

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

<sup>2</sup> Includes some of Corinth wastes.

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

<sup>4</sup> Includes the town of Mount Holly for 1 collection.

<sup>5</sup> Includes the following towns; Barton, Brownington, Burke, Charleston, Coventry, Glover, Greensboro, Jay, Lowell, Newport Town, Newport City, Troy, and Westfield.

<sup>6</sup> Participated in one Coventry HHW collection event and held one collection event in Burke.

## SUMMARY

The following 2006 HHW/CEG Hazardous Waste Collection Data was tabulated from Solid Waste Districts, Alliances and Municipalities representing 94% of Vermont households. These statewide collections cost approximately \$1,267,000.00, 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. In comparison, 2005 saw 93% of Vermont Households represented, cost approximately \$1,156,000, served approximately 17800 participants and collected approximately 526 tons of Household Hazardous Waste, 111 tons of Conditionally Exempt Generator Waste, 36 pounds of mercury, 1701 pounds of mercury-added products/debris, 450,000 linear feet of fluorescent lamps and approximately 785,000 pounds of discarded electronics. The following is a comparison of the 2006 and 2005 collection years.

- Average statewide cost per participant in 2006 was approximately \$70.19. This is an decrease from 2005 when the average cost per participant was \$75.60. In addition, the total cost for statewide collections in 2006 was approximately \$110,000 more than 2005 (\$1,267,000 vs. \$1,156,000). 2006 when compared to 2005 saw a decrease in the hazardous waste collected (428 tons vs. 526 tons).
- 2006 Statewide participation saw a increase in the total number of participants (19,315 vs. 17881) in comparison to 2005, and a slight decrease in the average statewide participation (6.31% vs. 6.51%). Of the participants for 2006, 957 were businesses and 3006 were repeat participants (repeat participants accounted for an average of 15% of the total 2006 participants). Fixed facilities, seasonal collections and some single-day collection events had higher than the state average participation rates (4.43%- 13.41%).
- The amount of waste collected in 2006 per participant decreased when compared with 2005 (48 vs 66 pounds).
- The number of collection events available statewide increased in 2006 compared to 2005(1225 vs. 1183).
- Approximately 17 pounds of elemental mercury, 3577 pounds of mercury-added products/debris and 542,000 linear feet of fluorescent lamps was collected in 2006. In comparison, 2005 was approximately 36 pounds of mercury, 1701 pounds of mercury-added products/debris and 450,000 linear feet of fluorescent lamps collected.
- Approximately 575 tons of electronic waste was collected in 2006 verses 392 tons collected in 2005.

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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