

Pemi-Baker Solid Waste District 2007 Annual Report

The Pemi-Baker Solid Waste District met five (5) times during 2007. This past year District programs provided residents access for proper disposal of their household hazardous wastes (HHW), paint, fluorescent light bulbs, antifreeze and rechargeable batteries

HHW Program

PARTICIPATION RESULTS

The District held two (2) one-day collections - in Lisbon (May) and in Plymouth (September). 181 participants (vehicles) took part serving an estimated 434 residents. This estimate is based on the number of vehicles coming to the collection site and multiplying that figure by 2.4 - the average number of people per household (see tables 1 & 2).^{*} This year's participation decline can be attributed to at least two factors; (1) the District held only 2 collections instead of 3 as in past years, and (2) moving the collection usually held in Littleton to Lisbon. It should be noted that even though participation numbers were down over 50% from 2006, volume totals for this year were down only 24%. Member communities also brought waste that had been dropped off at their individual transfer stations. There is no effective means to record an accurate number of residents that are being served in this capacity so it should be understood that the participation numbers reported are conservative. In reality, the District's program is serving a greater percentage of the District population than is being reported.

Table 1. 2007 Participation Results

Year	# of Collections	Program Population	# of Vehicles	Est. Population Served *	Percentage of Population Served (est.)
2007	2	29,971	180	432	1.44%

Table 2. 2002 – 2007 Participation Results

Year	# of Collections	Program Population	# of Vehicles	Est. Population Served *	Percentage of Population Served (est.)
2002	5	26,627	352	845	3.17%
2003	3	26,627	291	698	2.62%
2004	3	26,627	253	607	2.27%
2005	3	26,627	209	502	1.88%
2006	3	26,627	386	926	3.48%
2007	2	29,971	180	432	1.44%

^{*} Derived by multiplying the number of vehicles by 2.4 (the average household size)

PROGRAM COSTS

The total cost for disposal for the one-day collection program was \$22,500. The cost per capita was down considerably from last year and this can simply be attributed to the decrease of \$8,000 in program costs. The rise in average cost per vehicle and average cost per "participant" figures can be attributed to the sharp decrease in participation numbers paired with modest decrease in program costs. The District received over \$8,900 in grant funds from the State of NH's HHW grant program to help offset this year's collection costs.

Table 3. 2007 Program Costs

Year	Program Pop.	# of Vehicles	Est. Population Served	Total Costs (Disposal & Fees)	Cost/ Capita	Cost/ Vehicle	Cost/ "Participant"
2007	29,971	181	432	\$22,500	\$.75	\$124.31	\$52.08

Table 4. 2002 – 2007 Program Costs

Year	Program Pop.	# of Vehicles	Est. Population Served	Total Costs (Disposal & Fees)	Cost/ Capita	Cost/ Vehicle	Cost/ "Participant"
2002	26,627	352	845	\$27,810	\$1.04	\$79.00	\$32.91
2003	26,627	291	698	\$22,587	\$.85	\$77.62	\$32.35
2004	26,627	253	607	\$22,342	\$.84	\$88.31	\$36.81
2005	26,627	209	502	\$22,015	\$.83	\$105.33	\$43.85
2006	26,627	386	926	\$30,980	\$1.16	\$80.26	\$33.46
2007	29,971	181	432	\$22,500	\$.75	\$124.31	\$52.08

WASTE VOLUMES COLLECTED

As noted earlier the estimated 34,528 pounds of waste collected was down approximately 24% from 2006. However, the 2007 figure is higher than the 2003, 2004, and 2005 numbers, when three collections were held (only two in 2007). The pounds/participant and pounds/vehicle numbers were the highest seen by the District in recent years. This is consistent with what was seen at the events as a number of participants brought large quantities of waste to the sites with some participants making multiple drop-offs. Even with the fluctuations in participation, volumes of waste collected, etc. it should be noted that the cost per pound of waste collected declined slightly from 2006 and has remained relatively stable over the past six (6) years.

Table 5. 2007 Waste Volumes Collected

Year	# of Vehicles	Est. Population Served	Total Pounds	Total Costs (Disposal & Fees)	lbs/Vehicle	lbs/ "Participant"	Cost/lb.
2007	181	432	34,528	\$22,500	191	80	\$.65

Table 6. 2002-2007 Waste Volumes Collected

Year	# of Vehicles	Est. Population Served	Total Pounds	Total Costs (Disposal & Fees)	lbs/Vehicle	Lbs/ "Participant"	cost/lb.
2002	352	845	50,360	\$27,810	143	60	\$.55
2003	291	698	33,080	\$22,587	114	47	\$.68
2004	253	607	32,176	\$22,342	127	53	\$.69
2005	209	502	33,090	\$22,015	158	66	\$.66
2006	386	926	45,408	\$30,980	118	49	\$.68
2007	181	432	34,528	\$22,500	191	80	\$.65

In 2008 the District plans to hold two (2) collections, one in the Lisbon/Littleton area on September 13th and the second in Plymouth on September 27th.

Paint Recycling and Universal Waste Collections

Accompanying the one-day HHW collection program were the individual municipal transfer station collections for paint and fluorescent lights. Over 640 gallons of paint and 34,000 feet of fluorescent light bulbs were collected through these programs. These ongoing collections not only provide less expensive recycling options for wastes typically collected at HHW collections, but they also allow residents greater access to disposal opportunities, in turn minimizing the potential for improper disposal.

Other Issues

The District supported a legislative proposal, HB 503, which would levy a \$.01 fee/tax on beverage containers at the wholesale level (Milk, wine and liquor bottles would be exempt). This proposal would raise approximately 10 million dollars annually for recycling and HHW programs. It is estimated that \$800,000 dollars would be set aside for HHW grants annually, four times the current amount allocated to the State's HHW grant program.

In 2008, the District will continue to promote its cooperative approach to solid waste management and recycling and continue its HHW and universal waste collection programs. By working together, District members can minimize disposal, transportation and recycling costs and help ease the strain on municipal budgets. Citizens interested in participating in the development of the District's programs are welcome to attend the District meetings. Information regarding the place and time of the meetings is available at all municipal offices.

Respectfully submitted,

Robert Berti
PBSWD Chairman