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Division of Environmental Protection--Bureau of Waste Management
 Analysis of Solid Waste Program Funding
 January 2003

	1999	2000	2001	2002	2003	2004	2005	
Existing tire fee =	\$0.95	\$0.95	\$0.95	\$0.95	\$0.95	\$0.00	\$0.00	
Proposed new waste fee =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.30	\$0.30	
Tires sold at retail	1,362,703	1,407,157	1,470,807	1,463,594	1,507,501	1,552,727	1,599,308	
Tire fee revenue	\$1,294,568	\$1,336,799	\$1,397,267	\$1,390,414	\$1,432,126	\$0	\$0	
NV generated waste disposal in tons	4,674,869	4,759,105	4,985,929	4,745,808	4,888,182	5,034,828	5,185,873	
Imported waste disposal in tons	449,354	541,385	532,615	535,507	551,572	568,119	585,163	
Total waste disposal in tons	5,124,223	5,300,490	5,518,544	5,684,100	5,854,623	6,030,262	6,211,170	
Estimate of Class II waste disposal	21,000	21,630	22,279	22,947	23,636	24,345	25,075	
Total waste disposal, less Class II sites	5,103,223	5,278,860	5,496,265	5,661,153	5,830,988	6,005,917	6,186,095	
Total revenue from new waste fee	\$0	\$0	\$0	\$0	\$0	\$1,771,746	\$1,824,898	
Total waste fees paid by Nevadans	\$0	\$0	\$0	\$0	\$0	\$1,485,274	\$1,529,832	
Projected tire fee revenue for comparison:							\$1,475,090	\$1,519,343

Notes and Assumptions:

- 1 The objective is to replace the tire fee with a fee on waste disposal, yielding no net increase in fees paid by Nevadans but a modest increase in revenue, since a portion of the waste fee revenue would derive from imported waste.
- 2 The proposed fee on waste is calculated so that the total fees paid by Nevadans, ie. the new fee on waste, is roughly equal to the amount of total revenue raised by the current tire fee. This yields a waste disposal fee of \$0.295 per ton, which is rounded to \$0.30 per ton.
- 3 To enable projections, it is assumed that retail tire sales will increase at 3% per year after FY02. Similarly, waste disposal is projected to increase at 3% per year.
- 4 Given that an average person generates about 1 ton of waste per year and buys about 0.75 tires per year, the average person would pay \$0.30 per year in fees compared to \$0.71 per year with the existing tire fee.