

No. 3802

DATA INFORMATION REQUEST
Missouri American Water Company
CASE NO. WR-2003-0500

Requested From: Ed Grubb
Date Requested: June 17, 2003
Information Requested:

Please provide, in detail, including any supporting calculations, the following items for each issue as of December 31, 2002 for American Water Works Company, Inc. (Stand Alone Basis), American Water Works Company, Inc. and its subsidiaries (Consolidated Basis), and Missouri American Water Company's short-term debt, long-term debt and preferred stock:

1. Issuance date and maturity date;
2. Principal amount originally issued and amount outstanding;
3. Interest rate and interest payment dates;
4. Issuance expenses (amortized and unamortized balances);
5. Premium or discount amounts (amortized and unamortized balances); and
6. Dates and amounts of sinking funds.

Additionally, please provide the overall embedded cost of Missouri American Water Company's long-term debt and preferred stock and identify the data and method used to determine these costs.

Requested By: David Murray, Financial Analyst
Information Provided:

Please see the attached file for Missouri Americans information.

The information for the subsidiaries of American and American Water stand-alonewill be provided on Wednesday, July 9th.

Exhibit No. 97
Case No(s) WR-2003-0500
Date 12/19/03 Rptr SLM

Hyperlink: S3802R-MO.xls

Signed By: 

Date Response Provided: 7/7/03

Prepared By: J. Bade

Missouri American Water Company
Embedded Cost of Long-Term Debt
December 31, 2002

Line No.	Debt Issue Type	Coupon Rate	Original Amount Issued	Issue Date	Maturity Date	Interest Payment Date(s)	Principal Amount At 12/31/02	Unamortized Debt Expense	Unamortized (Discount) or Premium	Carrying Value	Annual Interest	Annual Debt Expense	Total Annual Cost	Embedded Cost	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	
2	Bonds:														
4	General Mortgage Bonds:														
5	Series K		11,000,000	12/1/1977	12/1/2007	NA	\$0	\$11,174	\$49,419	(80,593)	0	12,324	12,324		
6	Series Q		10,000,000	1/15/1988	1/15/2008	NA	0	16,113	137,667	(153,780)	0	30,756	30,756		
7	Series P	10.050%	12,000,000	12/1/1988	12/1/2008	NA	0	33,038	104,560	(137,598)	0	23,256	23,256		
8	Series Q	9.490%	11,000,000	12/1/1989	12/1/2029	NA	0	70,313	696,812	(767,125)	0	28,500	28,500		
9	Series R	6.900%	25,000,000	2/1/1991	2/1/2021	NA	0	799,970	397,436	(1,197,406)	0	66,216	66,216		
10	Series S		25,000,000	2/1/1992	2/1/2022	NA	0	821,797	420,070	(1,241,867)	0	65,076	65,076		
11	Series T	5.500%	15,000,000	2/1/1993	2/1/2023	Feb 1, Aug 1	14,910,000	522,234	0	14,387,766	820,050	26,004	846,054		
12	Series U	5.700%	12,000,000	6/1/1995	6/1/2025	Jun 1, Dec 1	11,885,000	442,373	0	11,442,627	677,445	19,728	697,173		
13	Series V	5.500%	20,000,000	11/1/1996	11/1/2026	May 1, Nov 1	19,880,000	756,782	0	19,123,218	1,093,400	31,752	1,125,152		
14	Series W	7.500%	15,000,000	5/1/1997	5/1/2007	May 1, Nov 1	15,000,000	62,892	0	14,937,108	1,125,000	14,520	1,139,520		
15	Series X	5.100%	25,000,000	3/1/1998	3/1/2028	Mar 1, Sep 1	25,000,000	851,421	0	24,148,579	1,275,000	33,828	1,308,828		
16	Series Y	5.000%	40,000,000	3/1/1999	3/1/2029	Mar 1, Sep 1	40,000,000	1,440,093	0	38,559,907	2,000,000	55,032	2,055,032		
18	Series	5.850%	\$6,000,000	7/26/1996	7/1/2026	Jan 1, Jul 1	\$6,000,000	\$350,851	\$0	\$5,649,149	\$351,000	\$14,928	\$365,928		
19	Series	9.010%	5,700,000	3/20/1990	2/15/2005	Feb 15, Aug 15	5,700,000	7,518	0	5,692,482	513,570	3,468	517,038		
20	Series	5.500%	5,000,000	3/18/1993	1/1/2023	Jan 1, Jul 1	4,845,000	259,613	0	4,585,387	266,475	12,984	279,459		
21	Series	7.140%	12,500,000	3/23/1994	3/1/2034	Mar 1, Sep 1	12,500,000	260,937	0	12,239,063	892,500	8,376	900,876		
22	Series	8.580%	3,000,000		3/1/2025	Mar 1, Sep 1	3,000,000	57,515	0	2,942,485	257,400	2,592	259,992		
23	Series	7.790%	8,000,000	6/12/1997	6/1/2027	Jun 1, Dec 1	8,000,000	92,770	0	7,907,230	623,200	3,804	627,004		
24	Series A	5.000%	4,500,000	2/26/1998	2/1/2028	Feb 1, Aug 1	4,500,000	296,754	0	4,203,246	225,000	11,832	236,832		
25	Series B	5.000%	19,000,000	11/24/1998	11/1/2028	May 1, Nov 1	18,910,000	1,084,734	0	17,825,266	945,500	41,976	987,476		
26	Series	5.900%	29,000,000	5/1/2000	3/1/2030	Mar 1, Sep 1	29,000,000	1,342,573	0	27,657,427	1,711,000	49,416	1,760,416		
27	Series	5.200%	15,000,000	4/1/2002	4/1/1932	Apr 1, Oct 1	15,000,000	884,739	0	14,115,261	780,000	30,996	810,996		
28	Series	5.650%	56,000,000	6/12/2002	6/12/2007	Jun 12	56,000,000	54,346	0	55,945,654	3,164,000	12,300	3,176,300		
30	Sub-total						\$290,130,000	\$10,520,549	\$1,805,964	\$277,803,488	\$16,720,540	\$599,664	\$17,320,204		
33	Embedded cost of long-term debt (M Divided by J)														6.23%

**Missouri American Water Company
Embedded Cost of Preferred Stock
December 31, 2002**

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