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A PROFESSIONAL LIMITED LIABILITY COMPANY

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**OTHER OFFICES** KNOXVILLE MEMPHIS

August 19, 2008

### VIA E-MAIL AND HAND DELIVERY

Chairman Tre Hargett c/o Ms. Sharla Dillon Tennessee Regulatory Authority 460 James Robertson Parkway Nashville, Tennessee 37243

filed electronically in docket office on 08/19/08

Re: Petition of Tennessee American Water Company To Change And Increase Certain Rates And Charge So As To Permit It To Earn A Fair And Adequate Rate Of Return On Its Property Used And Useful In Furnishing Water Service To Its Customers

Docket No. 08-00039

### Dear Chairman Hargett:

Enclosed please find an original and seven (7) sets of copies of Tennessee American Water Company's updated exhibits to the testimony of Sheila Miller, filed pursuant to the TRA Staff's request at the Hearing of this matter on August 18, 2008. Hard copies of this submission will be provided to the TRA officers in person at the hearing.

Should you have any questions concerning any of the enclosed, please do not hesitate to contact me.

Sincerely

Adam B. Futrell

**Enclosures** 

Chairman Tre Hargett August 19, 2008 Page 2

cc: Hon. Mary W. Freeman (w/o enclosure)

Hon. Sara Kyle (w/o enclosure)

Hon. Eddie Roberson, PhD (w/o enclosure)

Ms. Darlene Standley, Chief of Utilities Division (w/o enclosure)

Richard Collier, Esq. (w/o enclosure)

Mr. Jerry Kettles, Chief of Economic Analysis & Policy Division (w/o enclosure)

Ms. Pat Murphy (w/o enclosure)

Timothy C. Phillips, Esq. (w/enclosure)

David C. Higney, Esq. (w/enclosure)

Henry M. Walker, Esq. (w/enclosure)

Michael A. McMahan, Esq. (w/enclosure)

Frederick L. Hitchcock, Esq. (w/enclosure)

Mr. John Watson (w/o enclosure)

Mr. Michael A. Miller (w/o enclosure)

## Overall Financial Summary

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 1, Schedule 1 8/18/2008 Page 1 of 1

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

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	Revenue Deficiency	Gross Revenue Deficiency Factor	Operating Income Deficiency	Required Operating Income	Rate of Return	Earned Rate of Return	Operating Income at Attrition Year Present Rates	Rate Base	Description
					Exhibit 3, Schedule 1		Exhibit 2, Schedule 1	Exhibit 1, Schedule 2	Reference to Supporting Exhibit
	7,779,868	1.71974555	4,523,848	9,977,553	8.514%	4.650%	5,453,705	\$117,189,963	Proposed Test Year

## Computation of Attrition Year Rate Base

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 1, Schedule 2 8/18/2008 Page 1 of 3

Rate Base	Totat Deductions	Utility Plant Acquisition Adjustment	Unamorlized Investment Tax Credit	Contributions in Aid of Construction	Customer Advances for Construction	Deferred Income Taxes	Accumulated Amortization of Utility Plant Capital Lease	RWIP	Accumulated Provision for Depreciation UPIS	<u>Deductions</u>	Totał Additions	Working Capital	Limited-Term Utility Plant - Net	Deferred Maintenance	Utility Plant Capital Lease	Construction Work in Progress	Utility Plant in Service (UPIS)	Additions
107,95	26,88	(11)	(10)	(9) 8,25	(8) 5,75	(7) 15,51	(6)	(18	(5) 58,44		196,900,875	1,41	(4)	(3)	1,59	(2) 2,82	(1) \$191,067,259	Per Books Rate Base Footnote @ <u>Reference</u> 11/30/07
107,954,191 9,235,772	88,946,684 7,835,109	74,850 (7,485)	37,993 0	8,258,501 140,515	5,750,627 1,043,308	15,511,634 1,420,137	1,007,317 132,542	(151,351) 0	58,457,113 5,106,092		0,875 17,070,880	1,414,084 0	0 0	0	1,590,500	2,829,032 4,139,747	57,259 \$12,931,133	oks lase <u>07. Adjustments</u>
117,189,963	96,781,792	67,365	37,993	8,399,016	6,793,935	16,931,771	1,139,858	(151,351)	63,563,205		213,971,755	1,414,084	0	0	1,590,500	6,968,779	\$203,998,392	Rate Base 13 mo average @ 08/31/09

## Attrition Year Rate Base Footnotes

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 1, Schedule 2 9/18/2008 Page 2 of 3

### Tennessee Regulatory Authority Company: Tennessee-American Water Company Case No:

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288888888888888888888888888888888888888	3 25 13	3 4 K	2 82	2 23 7	\$ ₺ :	1 16 6	4 2	ā ₹3 ₹	<del>:</del>		4201	ω N 1 N
	(11)	(10)	(9)	(8)	(7)	(6)	(5)	(4)	(3)	(2)	(1)	FOOTNOTE REFERENCE
	Adjustment to Utility Pfant Acquisition Adjustment	Change in Unamorized Investment Tax Credit	Change in Contributions in Aid of Construction	Change in Customer Advances	Adjustment to Deferred Income Taxes	Adjustment to Accumulated Amortization of Utility Plant - Capital Lease	Adjustment to Accumulated Provision for Depreciation of UPIS	Adjustment to Limited -Term Utility Plant - Net	Adjustment to Deferred Maintenance	Adjustment to CWIP through August 2009	Net Additions to UPIS through August 2009	DESCRIPTION
	(7,485)	0	140,515	1,043,308	1,420,137	132,542	5,106,092	0	0	4,139,747	\$12,931,133	AMOUNT

Net Additions to Utility Plant in Service & 13 Month Average From End of Test Year to End of Forecasted Period

55 55 56 57 58 58 58 58 58 58 58 58 58 58 58 58 58	Tennessee Regulatory Authority Company; Tennessee-American Case No:  Line No.  1 Account 1 Account 2 Account 300000 6 304200 7 304300 11 304400 11 304700 11 304700 11 304700 12 300000 12
345000 345000 345100 346100 346200 347000 348000	ulatory Author ressee-America Account Number 300000 304500 304500 304500 304500 311200
I coss, snop, a sarage cquipment Laboratory Equipment Power Operated Equipment Communication Equipment Communication Equipment-Telephone Miscellaneous Equipment Other Tangible Plant Total Plant in Service	Case No:  Line   No.   Account   Account
(\$2,843) (\$1,844) (\$1,844) \$0 \$3,535 (\$70,027) \$9,763 \$0 1,576,771	2007 2008 2009    Net Additions   Net Additions   Stato,000   Stat
\$98,200 \$6,000 \$6,000 \$0 \$9 \$9 \$1,400 \$8,000 10,409,144	2008  Nel Additions \$240,000 \$200 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$
\$151,300 \$12,000 \$12,000 \$0 \$0 \$5,400 \$11,000 8,478,466	2009 2009 Net Additions \$0 \$0 \$1,146,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
\$247,616 \$18,000 \$35,535 (\$70,027) \$20,553 \$19,000 20,464,381	Net Additions to Utility Plant in Services 12/31/07-8/31/09 \$253.000 (\$405.132) \$553.003 \$2,004.033 \$2,004.033 \$2,004.03 \$5.57.455 \$0 \$51.771 \$0 \$55.900 \$52.90.09 \$539.217 \$0 \$5.95.900 \$52.90.09 \$539.217 \$0 \$5.95.900
1,315,016 381,626 332,767 390,366 92,350 1,997,181 4,918 203,998,392	Test Year: Twelve Months Ended: Novembor 30, 2007  Exhibit No. 1, Schedule 2  8/11/2008  1/11/2007

Page 1 of 6

Working Capital Requirement	Total	Incidental Collections	Customer Deposits	Less:	Total	Lead - Lag Study	Other Deferred Debits	Unamortized Debt Expense	Deferred Regulatory Expenses	Materials & Supplies	Prepaid Taxes	Prepaid Insurance	Average Cash	<u>ltem</u>	
1,414,084	1,461,099	1,461,099	0		2,875,183	629,000	852,184	0	1,020,269	204,853	168,877	0	0	Amount	

### Computation of Working Capital Lead/Lag Study

## Tennessee Regulatory Authority Company: Tennessee-American Water Company Case No:

Line

444448888888888888888888888888888888888	2 28	19 18 19	1 16 T	i 4 f	i 73 -	1 5 °	ρ Φ -	7 05 (	n 4 (	3 2 1 No
	Use	Lead/Lag Study Capital	Operating Funds Advanced	(C) Net Interval	(B) Date Expenses incurred and Date of Payment	(A) Date Service Furnished and Date Collections Deposited	Composite Average Days Interval Between:	Average Daily Operating Funds	Net Operating Funds	Description
				6.16	35.57	41.73				<u>Days</u>
	629,000	628,505	628,505					102,030	37,240,793	<u>Amount</u>

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 1, Schedule 3 8/18/2008 Page 2 of 6

# Composite Average Days Interval between Date Expenses are Incurred and Date of Payment

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 1, Schedule 3 8/18/2008 Page 3 of 6

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

2 8	23	32	31	30	29	28	27	26	25	24	23	23	21	20	19	18	17	6	15	14	ú	12	1	10	ဖ	œ	7	თ	Ŋ	4	ω	N	<b>→</b>	Z [	- - -
	Net Operating Funds	Net Earnings	Preferred Dividends	Interest Expense	Deferred Taxes	SIT-Current	FIT-Current	Other	Payroli	Taxes, Other than Income	Depreciation and Amortization		Total O & M Expenses	Other Operating and Maintenance Expenses			Stock E	Amortizations	Postage Expense	Telephone Expense	Rents	Insurance Other than Group	Pensions	Group Insurance	AWWS Charges	Waste Disposal	Chemicals	Fuel and Power	Payrotts Charged to Expense - Salary	Payrolls Charged to Expense - Hourly		,	Description		
	37.240.793	1,395,416	67,970	3,990,319	731,069	159,134	901,899	3,765,441	484,884		4,730,347		21,014,314	4,561,418			142,602	0	330,315	111,452	11,336	583,492	1,161,108	1,082,191	4,335,190	179,088	1,559,222	1,986,259	1,581,955	3,388,686		Amount			
		0.00	89.48	87.97	0.00	58.63	37.00	174.52	10.61		0,00			20.51			23.77	0.00	24.77	(2.73)	9.24	(21.72)	0.00	(1.31)	(4.46)	31.23	28.27	50.65	14.02	5,50		<u>Days</u>	(Lead)	Payment or	Post
	1.324.693.459	0	6,081,956	351,028,362	0	9,330,026	33,370,263	657,144,676	5,144,618		0			93,554,683			3,389,650	0	8,181,897	(304,264)	104,741	(12,673,446)	0	(1,417,671)	(19,334,948)	5,592,917	44,079,203	100,604,007	22,179,015	18,637,774		Dottar Days			

35 36 37 38 38 38 41 42 43

Average Days Interval between Date Expenses are incurred and Date of Payment

35.57

# Average Days Interval between Number of Days From Date Services are Furnished to Date Collections are Received

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

Test Year: Twelve Months Ended: November 30, 2007 Exhibit No. 1, Schedule 3 8/18/2008 Page 4 of 6

Private Fire billed in advance Revenues less private fire Total 35,773,267 Revenues Amount 34,283,659 1,489,608 Service Days Median (45.63) 15.21 453,483,644 Dollar Days 521,454,457 (67,970,813)

Total Average Days' Interval between Number of Days from Date Services are Furnished to Date Collections are Received the Date the Bills are paid Number of Days between the Billed Date and 41.73 24.43

Number of Days between the Reading Date and the Date the Bills are Issued

Average Median Service Days

12.68

4.62

Notes: private fire Quarterly is billed in advance All monthly customers are billed in arrears

Computation of Average Materials & Supplies Paid

Test Year: Twelve Months Ended: November 30, 2007 Exhibit No. 1, Schedule 3 8/18/2008 Page 5 of 6

Tennessee Regulatory Authority Company: Tennessee-American Water Company Case No:  $\begin{array}{c} N_{0} \\ N_{0} \\ \end{array}$ 

Totał	Nov-07	Oct-07	Sep-07	Aug-07	Jul-07	Jun-07	May-07	Apr-07	Mar-07	Feb-07	Jan-07	Dec-06	Nov-06	<u>Date</u>	End
3,541,929	230,169	245,557	302,090	230,819	213,158	294,104	291,693	270,637	224,864	233,008	195,445	229,357	581,029	Amount	End of Month

Average Balance

Tennessee Regulatory Authority
Company: Tennessee-American Water Company
Case No:

Computati
on of
Average
Materials
and
Supplie
s Unpaid

Test Year: Twelve Months Ended: November 30, 2007 Exhibit No. 1, Schedule 3 8/18/2008 Page 6 of 6

Date	End
Amount	End of Month

Average Balance	Total	Nov-07	Oct-07	Sep-07	Aug-07	Jul-07	Jun-07	May-07	Apr-07	Mar-07	Feb-07	Jan-07	Dec-06	Nov-06	Date
67,603	878,843	83,918	52,123	52,775	52,926	61,895	76,903	74,198	71,313	70,975	76,101	77,330	62,794	65,592	Amount

## for the Attrition Year under both Present and Proposed Rates Statement of Income Per Books for the Test Year and

Description

Company: Tennessee-American Water Company Tennessee Regulatory Authority Depreciation and Amortization Operating Revenues Utility Operating Income Total Operating Expenses Operation and Maintenance Expenses Allowance for Borrowed Funds Used During Construction Income before Interest Charges Federal Income Taxes State Income Taxes Total Other Deductions Miscellaneous Other Deductions Gain/Loss on Sale of Property Income from M & J and Contract Work Taxes, Other than Income Taxes Applicable to Other Income and Deductions Miscellaneous Amortization Interest on Short-Term Debt Amortization of Debt and Discount Expense Interest on Long-Term Capital Lease Interest on Long-Term Debt Total Taxes Applicable to Other Income and Deductions Total Interest Charges Schedule No. Adjustment Shown on ω 4 τυ το \$37,109,098 12 Months 20,820,445 4,915,650 4,133,274 2,050,040 Per Books 11/30/07 Ended 31,919,410 5,189,688 3,044,833 5,197,121 645,336 25,149 104,853 61,880 0 61,880 74,226 0 25,643 79,250 5,024 9,937 601 Present Rates Adjustments Test Year (\$198,255) (670,972) 131,855 (287,158) (2,619) 671,261 (104,853) (25,149) (371,110) (74,226) 0 478,702 623,207 0 501 (10,438) ó (61,880) 630,640 828,894) (25,643) (61,880) 144,505 (79,250 (5.024)(9,937) Normalized \$36,910,843 20,149,474 5,047,504 3,846,116 2,047,421 Test Year 31,090,515 3,990,319 3,716,094 5,820,328 5,820,328 ,830,009 274,225 000 00 Attrition Year Adjustments 864,841 (317,157) 305,875 (255,319) \$231,617 (366,623) (366,623) 598,240 Test Year: Twelve Months Ended: November 30, 2007
Amended Exhibit No. 2, Schedule 1 00 000 0000 00000 Present Rates 21,014,314 4,730,347 4,151,992 1,792,102 \$37,142,460 Year at Attrition 31,688,755 5,453,705 3,716,094 1,463,386 5,453,705 3,990,319 274,225 0000 000 00 for Proposed Adjustments \$7,779,868 Rates 220,424 2,919,752 4,523,848 4,523,848 3,256,020 115,844 00 0000 000 00000 at Proposed Attrition Year \$44,922,328 21, 130, 158 4, 730,347 4, 372,416 Page 1 of 1 34,944,775 Rates 9,977,553 4,711,854 5,987,234 3,716,094 9,977,553 8/18/2008 3,990,319 274,225

General Taxes

Net income

Other Interest

Interest Charges

Other Deductions Total Other Income Other income

AFUDC

Interest Income

Income Taxes

No.

# Operating Revenues Per Books for the Test Year and for the Attrition Year under both Present and Proposed Rates

Test Year: Tweive Months Ended: November 30, 2007 Exhibit No. 2, Schedule 2 8/18/2008 Page 1 of 1

<u>Description</u> Sales of Water	Per Books 12 Months Ended 11/30/07	Test Year Adjustments Present Rates	Normalized Test Year	Attrition Year Adjustments	Attrition Year at Present Rates	for s	Adjustments for Proposed Rates
Residential	\$15,183,550	(\$286,909)	\$14,896,641	\$98,315	\$14,994,956		\$3,190,566
Commercial	11,084,750	246,854	11,331,604	128,661	11,460,265		\$2,464,930
Industrial	3,834,564	80,169	3,914,733	0	3,914,733		\$848,260
Other Public Authorities	2,482,512	120,566	2,603,078	0	2,603,078		\$561,216
Sales for Resale	1,717,504	(406,877)	1,310,627	0	1,310,627		\$194,851
Private Fire Service	1,438,263	51,345	1,489,608	0	1,489,608		320,857
Miscellaneous	0	0	0	0	0		0
Total Sales of Water	35,741,144	(194,853)	35,546,291	226,976	35,773,267		7,580,680
Other Operating Revenues							
Activity / New Service Fees	290,095	0	290,095	0	290,095		0
Late Payment Penalty	302,740	(1,650)	301,090	1,923	303,013	•	64,211
Rents from Water Property	125,563	0	125,563	0	125,563	မ	3 0
Sewer Billing Revenues	442,596	(1,752)	440,844	2,718	443,562	Ŋ	2 0
Miscellaneous	25,492	0	25,492	0	25,492	N	2 0
Reconnection Fee	181,468	0	181,468	0	181,468	00	8
Total Other Operating Revenues	1,367,954	(3,402)	1,364,552	4,641	1,369,193	ω	3 64,211
Total Operating Revenues	37,109,098	(198,255)	36,910,843	231,617	37,142,460	_	7,644,891

Did not revise this schedule or original tariffs.

Per Books

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 2, Schedule 3 8/18/2008 Page 1 of 1

36 37 38 39 40 41 42 43	<u>4</u> 8 8	2 23 23	3 ~ 8	29 28	27	2 23	2 23 23	21 20	19 2	17 16	15 14	3 13	12 10	; w a	7 6	4.00	ω Ν	_	Line No.
	18	17	16	15	<b>7</b> 4	13	12	<b>1</b>	10	မ	CO	7	თ	Ŋ	4	ω	N	<u>.</u>	Adjustment Number Reference
Total Operation and Maintenance Expenses	AFUDC	Interest on Customer Deposits	Other Maintenance Expense	Miscellaneous Expense	General Office Expense	Rents	Uncollectible Expense	Customer Accounting	Insurance Other than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Operation and Maintenance Labor	Description
20,820,445	(\$110,499)	0	\$1,211,604	\$1,931,046	\$244,966	\$30,037	\$417,277	\$704,362	\$559,655	\$508,129	\$726,428	\$1,596,405	\$4,789,601	\$161,721	\$1,075,171	\$2,274,868	\$58,216	\$4,641,460	Per Books 12 Months Ended 11/30/07
(670,972)	0	0	(310,752)	(198,102)	(11,748)	(18,701)	(2,901)	19,101	0	0	(44,427)	136,797	(729,713)	0	476,489	(359, 197)	0	\$372,181	Test Year Adjustments Present Rates
20,149,474	(110,499)	0	900,852	1,732,944	233,217	11,336	414,376	723,464	559,656	508,129	682,001	1,733,202	4,059,888	161,721	1,551,661	1,915,671	58,216	\$5,013,641	Normalized Test Year
864,841	(353,191)	0	35,493	285,679	12,708	ō	3,380	15,381	23,837	35,255	479,107	(18,652)	275,302	17,367	7,561	6,372	(6,106)	\$45,346	Attrition Year Adjustments
21,014,314	) (463,690)	0	936,345	2,018,623	245,926	11,336	417,756	738,845	583,492	543,384	1,161,108	1,714,550	4,335,190	179,088	1,559,222	1,922,043	52,110	\$5,058,987	Attrition Year at Present Rates
115,844	0	0	0	0	0	0	115,844	0	0	0	0	0	0	0	0	0	0	\$0	Adjustments for Proposed <u>Rates</u>
21,130,158	(463,690)	0	936,345	2,018,623	245,926	11,336	533,600	738,845	583,492	543,384	1,161,108	1,714,550	4,335,190	179,088	1,559,222	1,922,043	52,110	\$5,058,987	Attrition Year at Proposed Rates

Adjustment Number <u>Reference</u>

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Summary of Adjustments to Depreciation and Amortization Expenses

Test Year: Twelve Months Ended: November 30, 2007
Exhibit No. 2, Schedule 4
8/18/2008
Page 1 of 2

	Amortization of Accumulated Depreciation on CIAC	Amortization of Leased Alteration Expense	Amortization of Utility Capital Lease	Amortization of Utility Plant Acquisition Adjustment	Depreciation Expense	Description
4,915,650	(255,448)	0	106,033	0	\$5,065,064	Per Books 12 Months Ended 11/30/07
131,855	86,011	0	0	0	\$45,844	Test Year Adjustments Present Rates
5,047,504	(169,437)	0	106,033	0	\$5,110,908	Normalized Test Year
(317,157)	(16,990)	0	0	0	(\$300,167)	Attrition Year <u>Adjustments</u>
4,730,347	(186,427)	0	106,033	0	\$4,810,741	Attrition Year at Present Rates
0	0	Q	0	. 0	\$0	Adjustments for Proposed Rates
4,730,347	(186,427)	0	106,033	0	\$4,810,741	Attrition Year at Proposed Rates

13 Month Avg.				
Pag	84	Exhibit No. 2, Schedule 4	Test Year: Twelve Months Ended: November 30, 2007	
Page 2 of 2	8/18/2008	edule 4	30, 2007	

3 2 2 3	61 60	57 58	56	2 %	53	<u> 52</u>	2 2	49	<b>4</b> 8	46 47	<b>.</b> 55	\$ 4	4 6	<u>*</u>	40	ట్ర 8	37	36	& 1	ខ្ល	32	ય ધ	2 23	28	27	3 25	24	2 6	2	22 7	<b>.</b>	17	<u>ਨ</u> ਟ	<b>4</b> £	13	5 -	6	so i	o ~	ന	<b>O</b>	<b>4</b> (.	, IV	٠.	No	Line		Case No:
		348000	347000	346200	345000	344000	342000	341400	341300	341700	340500	340400	340320	340310	340300	340230	340210	340200	340100	335000	334200	334131	334110	334100	333000	331300	331210	331200	331001	330400	330003	330000	320200	311500	311300	311200	309000	306000	304/00	304600	304400	304301	304200	339600	Number	Account		
Land Cap Lease Asset Total UP Gt. Balance Walden's Ridge	Total Plant in Service	Other Tangible Plant Amortization of CIAC	Miscellaneous Equipment	Communication Equipment Telephone	Power Operated Equipment	Laboratory Equipment	Stores Equipment Tools Shop & Garage Equipment	Transportation-Other	Automobiles	Heavy Trucks	Other Office Equipment	Data Handling Equipment	Computer Software Other	Computer Software Mainframe	Computer Software	Computer & Periph Other	Computer & Maintraim Equipment	Computer & Peripheral Equipment	Office Furniture	Other B/E SS	Meter Installations	Meters - Frank Soos	Meters-Metal Case/Old Style	Weters	Services	T & D Mains - Mains (10" - 16")	T & D Mains - Mains (6" - 10")	T & D Mains - Mains (6" - 8")	T & D Mains not Classified	Clearwells	T & D Reservoirs & Standpipes-Paining	T & D Reservoirs & Standpipes	Granular Activated Carbon	Other Pumping Equipment Water Treatment Equipment	Deisel Pumping Equipment	Electric Pumping Equipment	Supply Mains	Lakes, Rivers, & Other Intakes	Stores , Shop, & Garage Structures  Miscellaneous Structures	Office Structures	T & D Structures	Water Treatment Structures-Painting	Pumping Structures	Comprehensive Planning Study	Description	Account		
432,342 1.590,500 192,657,759 197,113,579 -4,455,819	190,634,917	4,918	1,075,581	354,831 155,731	332,767	370,126	1.182.044	237.242	254,777	733,952	137,210	15,284	14,222	3,535,059	382,233	256,972	619 587	308,231	626,817	8,526	10,950,262	16,786	12,651	4,623,103	18,858,849	6,745,591 23,581,824	60,596,292	1,458	1,950,624	680,784	1,710,126	5,137,849	0	12,378,400	119,296	5,662,338	997 499	489,123	657,573	149,174	524,790	1,694,808	2,010,029	\$405,132	11/30/07	Property at	Depreciable	
		2.89%	2.89%	4.43% 14.91%	9.21%	11.12%	3.85%	0.70% 4 98%	10,54%	9,99%	4.07%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15,90%	2.73%	5.92%	1.64%	0.98%	15.35%	0.98%	2.28%	1.42%	1.36%	1.36%	1.41%	1.80%	1.80%	1.80%	36.42%	4.27%	1.97%	1 73%	3.44%	3,40%	5.64%	4.90%	3.51%	10.00%	4.57%	20.00%	Kale	Depreciation		
5,110,908 2.59%	4,941,471	\$142 (169,437)	\$31,084	\$23,219	\$30,648	\$41,158	\$45,509	\$1,661 \$2,161	\$26,853	\$73,322	\$5,584	\$2,430	\$2,261	\$32,793	\$60,775	\$40,859	\$98,514	\$49,009	\$17,112	\$505	\$179,584	\$165	\$60 \$0	\$45,306	\$429,982	\$334,862	\$824,110	\$20	\$27,504 \$76,447	\$12,254	\$32,053	\$92,481	\$0	\$528,558	\$2,350	\$97,958	\$7.823	\$16,630	\$37,087	\$14.538	\$18,420	\$169,481	\$92,002	\$81,026	Expense	Depreciation	Normalized Test Year	
671,496 1,590,500 205,588,892	203,326,896	. <del>.</del> .9-0	1.097.181	92,350	332,767	381,626	1,315,016	237,242 43,392	299,015	953,058	1 381 608	15,284	14,222	3,333,035	398,963	190,983	412,863	308,231 603 486	607,584	8,526	10,810,746	833,022	0	4,681,223 1,324,025	20,333,945	25,916,974	64,141,552 6 745 591	1,458	2,217,881 4,678,232	680,784	1,890,119	5,564,977	0	12,726,963	119,296	5,717,338	227,422	489,123	657,573	312.642	524,790 306 639	1,694,808	2,964,941	3 863 569 0	Aumon rear	End of	Depreciable Property at	13 Month Avg.
432,342		9.10	5.33%	3.51%	4 21%	1.01%	6.89%	0.00%	11.38%	16.62%	16.00%	4.94%	1.83%	1.83%	1.83%	2.19%	2 19%	219%	1.39%	0.00%	3.23% 2.63%	6.91%	6,91%	5.91% 5.91%	1.64%	1.50%	1.50%	1.50%	1.50%	1.65%	2.74%	2.08% 11.08%	0.00%	1.09%	2.50%	2.45%	12.33%	0.83%	0.49%	0.73%	2.13%	12.06%	4.11%	0.00%	24	Depreciation	New	
2 2.27%	4,624,314	(186,427)	8				90,6				221.057							13.216			212.447				333,477							115,752 220,998										ks.	121,859	\$0 76,499	LANGING	Depreciation	Attrition Year	

Summary of Adjustments to Taxes Other than Income

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 2, Schedule 5 8/18/2008 Page 1 of 1

	<b>υ</b>	4	ω	2	<u></u>	Adjustment Number <u>Reference</u>
Totai	S.U.T.A. Taxes	F. I. C. A. Taxes	F.U.T.A. Taxes	Other General Taxes	Property Taxes	Description
4,133,274	2,597	345,822	5,136	878,223	\$2,901,497	Per Books 12 Months Ended 11/30/07
(287,158)	(52)	30,140	(47)	0	(\$317,200)	Test Year Adjustments Present Rates
3,846,116	2,545	375,962	5,089	878,223	\$2,584,297	Normalized Test Year
305,875	0	2,955	0	86,378	\$216,543	Attrition Year Adjustments
4,151,992	2,546	378,917	5,089	964,601	\$2,800,840	Attrition Year at Present Rates
220,424	0	O	0	220,424	\$0	Adjustments for Proposed Rates
4,372,416	2,545	378,917	5,089	1,185,025	\$2,800,840	Attrition Year at Proposed <u>Rates</u>

 $\begin{array}{c} N_{\underline{0}} & \text{C.} \\ N_{\underline{0}} & \text{C.} \\ \text$ 

e-American Water Co	Case No:	ompany: Tennesse	ennessee Regulatory Authority
		Company: Tennessee-American Water Compan	ry Authority

44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	13 14 15 16 17 18 18 19 20 20 22	6 11 11 12 12 13 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
		Adjustment of Prior Years - Si ii Total	Description Federal Income Tax - Current State Income Tax - Current Deferred Federal Income Tax Deferred State Income Tax Amortization of ITC Adjustment of Prior Years - FIT

Summary of Income Taxes

Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 2, Schedule 6 8/19/2008 Page 1 of 2

4,711,854	2,919,752	1,792,102	(255,319)	2.047,421	(2,619)	2,050,040
0	0	0	0	0	(4,072)	4,072
0	0	0	0	0	11,247	(11.247)
(76,368)	0	(76,368)	0	(76,368)	0	(76,368)
251,374	۵	251,374	0	251,374	(177,219)	428,593
556,063	0	556,063	146,915	409,148	782,057	(372,909)
642,968	483,834	159,134	(57,905)	217,039	254,816	(37,777)
\$3,337,817	\$2,435,918	\$901,899	(\$344,329)	\$1,246,228	(\$869,449)	\$2,115,677
Attrition Year at Proposed Rales	Adjustments for Proposed <u>Rates</u>	Attrition Year at Present Rates	Attrition Year	Normalized Test Year	Test Year Adjustments Present Rates	Per Books 12 Months Ended 11/30/07

		for the Attrition Year
		ear
	Test Year: T	
Amended Exh	Test Year: Tweive Months Ender	
×	ě	

76 77 78 80 80 80 80 80 80	<b>3</b>	g 57 65 63 \$	R B S :	2. 8 to \$2 to \$5.5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<b>6</b> 465	2 2 2 2 2 2 3	8 88 54	រ ស អ	28882882	3 26 24	222	20 21	18 19	ត ភ <b>ភ</b>	ដំប៉ូក្លីដំប៉ូក្លីដំប៉ូក្លីដំប៉ូក្លីដំប៉ូក្លីដំប៉ូក្	, 22 -	Vine Line	Tennessee Regul Company: Tenne Case No:
Defenad SIT (on tirring diffusences) Defenad SIT (Reg Assetz/Libbities Defenad SIT Other Defenad FIT (on tirring differences) Including ITC Defenad FIT (Reg Assetz/libbities Defenad FIT Cibe Total Income Taxes	Computation of Taxee: State Income Tax @ 5.50% Federal Income Tax @ 35.00% Total Current Income Tax	Correction to books State Income Tax Taxable Income	Federal Taxable Income Before SIT	639.022 Accused Vacation Pay Expense 680.027 Abandoninest cosses Net Negative Subage 630.036 Miscellaneous Defense Expenses Cost of Service Study Gains and Losses Rate Case Expense State depreciation in access of federal Total Temporary Differences	618.030 Regulatory Pantion Dispense 618.032 Miscellaneous Deferred Expenses 628.011 Tax Over Book Depreciation 638.014 Cost of Removal 638.014 Cost of Removal 638.015 AFUDC over interest Capitalized for Taxles 638.016 Refund Taxvible Abuncas	618.070 Defenad Mailyanatore Expense 618.025 Management Study Expense 618.028 Accused OPEB Expense 618.029 Incentive Plan Screense	Temporary Differences 604.004 Combinutions and Advances 606.001 Boak Over Tax Depreciation 612.001 Boak Over Tax Bad Debts 618.002 Amortization of Regulatory Assets - APUDC	Financial Taxable Income	Total Permanent Differences	Pretax incorine Stantory Additions (Deductions): Stantory Additions (Deductions): Permanent Difference 617.00: Book Over Tax Travel and Entertainment 618.006 Nondeductible Dures 618.006 Nondeductible Perhabbes 638.006 Nondeductible Perhabbes	State income Taxes Federal income Taxes	Net Income	Total Interest Charges	Total Other Deductions  Total Taxes Applicable to Other Income and Deductions	Total Other Income	Operation and Maintenance Expenses Depreciation and Amortization Taxes, Chine than Income State Income Taxes - Current State Income Taxes - Current State Income Taxes - Current Federal Income Taxes - Deferred Federal Income Taxes - Deferred Investment Tax Croekt Subtotal Total Income Before Deductions	<u>Description</u> Operating Revenues		Tennessee Regulatory Authority Company: Tennessee-American Water Company Case No:
(179,873) 454,755 134,265 1,734,369	1,325,221 0 1,325,221	378,054 189,372 3,786,344	3,597,662	(38,774) (188,249) 345,065 67,640 (16,345) 2,000 (1,271,232) (79,837)	(22,200) 1,223,646 (687,568) (7,212) (101,809)	(626) 0 267,938 73,259	199,693 0 56,249 (1,312)	3,677,499	(19,904)	3,697,403 4,297 14,301 (162,544) 124,042	622,037 1,655,153	1,420,214	3,776,907	9,937	79,250	20,920,445 4,1915,650 4,139,560 4,139,410 (45,581) 440,469 2,067,769 (295,248) (76,368) 31,919,410 5,189,688	<u>Federal</u> \$37,109,098	Per Books Test Year Present Rates	Computation of G Normalize
58,44 53,02 138,50 138,50	189,372 189,372	150,397 2,913,412	2,763,015	(38,7) (188,24 345,00 87,6 (16,2,0) 2,00 (1,271,2; (814,4,6)	(22,200) 1,223,646 (687,568) (7,212) (101,809)	(626) 0 287,938 73,259	199,693 0 56,249 (1,312)	3,677,499	(19,904)	3,697,403 4,297 14,301 (182,544) 124,042	622,037 1,655,153	1,420,214	3,776,907	61,880 9,937	79,250	20,820,446 4,915,860 4,139,274 (45,881) 440,488 2,067,769 (236,248) 7,76,368) 31,919,410 5,189,888	State \$37,109,098	est Year Rates	annon of current reperal ann state mounte i aars baset un current reac Normalized and Attrition Years and Proposed Rates for the Attrition Year
1 as calc on recon from Joan 8 per books 5 per books as calc on recon from Joan per books 1,234,977	1,246,228 0 1,246,228	217,039 3,560,650	3,777,689	(38,774) (188,249) 345,065 67,640 (16,345) 2,000 2,000 (1,271,232) (79,837)	(22,204) 1,223,646 (687,568) (7,212) (101,809) 0	287,538 73,259	199,693 0 56,249 (1,312)	3,857,526	(19,904)	3,877,430 4,297 14,301 (162,544) 124,042	468,413 1,579,008	1,830,009	3,990,319			20,149,474 5,047,504 3,945,116 217,039 251,374 1,246,228 409,148 409,148 31,090,515 5,920,328	<u>Federal</u> \$36,910,843	Normalized Year Present Rates	posed Rates for the J
0 214,804	217,039 0 217,039	3,339,056	3,339,056	(18,274) (188,249) 345,056 67,640 (16,345) 2,000 (1,271,232) (4,38,633) (518,470)	(12,200) 1,223,646 (687,568) (7,212) (101,809)	(925) 0 287,938 73,259	199,693 0 56,249 (1,312)	3,857,526	(19,904)	3,877,430 4,297 14,301 (162,544) 124,042	468,413 1,579,008	1,830,009	3,990,319			20,148,474 5,047,564 3,848,116 217,039 251,374 1,246,229 405,148 405,148 1,63,265 5,820,328	State \$36,910,843	dYear lakes	Witton Year
982.654	901,059 0 901,059	159,134 2,576,855	2,735,989 0	(186,245) 245,065 245,065 (16,345) 2,000 (1,271,232) (498,595)	1,223,260 1,223,846 (1,107,326) (7,212) (101,809) 0	287,938 73,259	199,693 0 66,249 (1,312)	3,235,584	(19,904)	3,255,488 4,297 14,301 (162,544) 124,042	410,508 1,381,594	1,463,386	3,980,319			21,014,314 4,730,347 4,151,892 159,134 251,374 801,889 566,063 (76,358) 31,689,755 5,453,705		Attrition Year Present Rates	
155,311	159,134 0 159,134	2,448,218	2,448,218	(188,774) (188,249) 345,065 67,640 (16,245) 2,000 (1,271,232) (287,771) (787,366)	1,223,546 (1,107,326) (7,212) (101,809)	73,259	199,693 0 56,249 (1,312)	3,235,584	(19,904)	3,255,488 4,297 14,301 (162,544) 124,042	410,508 1,381,594	1,463,386	3,990,319			21,014,314 4,730,347 4,151,992 159,134 251,374 901,899 556,083 156,389 31,688,755 5,453,706	State \$37,142,480	jā 5	Test Year: Twel
3,368,357	3,337,817 0 3,337,817	642,968 9,536,621	10,179,589 0	(38,774) (188,249) 345,065 87,540 (16,345) 2,000 (1,271,232) (489,585)	1,223,646 (1,107,326) (7,212) (101,809) 0	267,938 73,259	159,693 0 56,249 (1,312) (628)	10,679,184	(19,904)	10,698,088 4,297 14,301 (162,544) 124,042	894,342 3,817,512	5,987,234	3,990,319			21,130,158 4,730,547 4,372,446 642,988 251,374 3,337,817 546,063 7,864,377 9,877,583		Attrition Proposed	Test Year: Twelve Months Ended: November 30, 2007 Amended Exhibit No. 2, Schedule Amended Exhibit No. 2, Schedule Page 2 of 2
649,233	642,968 0 642,968	9,891,818	9,891,818	(38,774) (189,249) 345,065 67,640 (16,345) 2,040 (1,271,232) (127,771) (787,366)	1,223,646 (1,107,326) (7,212) (101,809) 0		199,693 0 56,249 (1,312)	10,679,184	(19,904)	10,698,088 4,297 14,301 (162,544) 124,042	894,342 3,817,512	5,987,234	3,990,319			21,190,166 4,720,347 4,372,416 642,968 251,374 3,337,817 556,063 76,388) 34,944,775 9,977,563	State \$44,922,328	Attrition Year Proposed Rates	mber 30, 2007 2, Schedule 6 8/18/2008 Page 2 of 2