

MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

December 12, 1986

Mr. Harvey G. Hubbs
Secretary
Missouri Public Service Commission
301 West High Street
P. O. Box 360
Jefferson City, MO 65102

FILED

DEC 15 1986

SUBJECT: Case No. A0-87-48

PUBLIC SERVICE COMMISSION

Dear Mr. Hubbs:

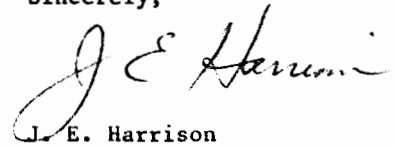
On November 3, 1986, the Missouri Public Service Commission issued an Order in Case No. A0-87-48, for the stated purpose of beginning "The Investigation Of The Revenue Effects Upon Missouri Utilities Of The Tax Reform Act Of 1986".

The Missouri-American Water Company ("Company") is herein filing three copies of its response to the above mentioned Order. The response includes packets of information that contain schedules demonstrating the impact of the 1986 tax law changes upon actual 1985 operating results. Through a series of pro forma adjustments, the schedules demonstrate the impacts anticipated in both 1987 and 1988. Each of these two packets contain six typed exhibits required for these calculations, which are also supplemented by numerous workpapers detailing how the adjustments were made. Also, enclosed herein is the Company's response to Item No. 4, along with a supporting workpaper.

The Company is required to file information showing the effects of the tax law changes on its 1986 operations, on or before February 28, 1987. The Company will provide this additional data in compliance with Order A0-87-48 once its financial statements for the calendar year 1986 are finalized. At that time, the Company will also comment on Item No. 6. Obviously, it is too soon to tell if the tax law changes will have the same effects on the Company's 1986 operations as have been calculated on the Company's 1985 operations. However, it is known at this time that during the first ten months of 1986 the Company's utility plant in service has increased by approximately \$1,780,000. Also, during the first ten months of this year the Company has issued \$4,000,000 in new long-term debt financings, and \$600,000 in new common stock financings. These changes will be incorporated with the remaining financial results of 1986, and will be included in the second half of the Company's response to this Order.

If you have any questions regarding the enclosed data, please be sure to give me a call.

Sincerely,

A handwritten signature in cursive script, appearing to read "J E Harrison".

J. E. Harrison
Asst. Treasurer

WLE/mc
Enclosures

Statement of Income Per Books and Pro Forma
for the Twelve Months Ended December 31, 1985
using 1987 Federal Income Tax Rates

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. AO-87-48

Year Ended December 31, 1985

Page 1 of 6

Line No.		Twelve Months Ended Dec. 31, 1985 (Col. 1)	Pro Forma Adjustments (Col. 2)	Pro Forma Present Rates (Col. 3)	Pro Forma Adjustments (Col. 4)	Pro Forma Proposed Rates (Col. 5)
5	Operating Revenues	\$9,564,210	\$ 0	\$9,564,210	(\$119,879)	\$9,444,331
6	Operating Expenses					
7	Operation and maintenance expenses	4,814,306		4,814,306		4,814,306
8	Depreciation expense	533,418		533,418		533,418
9	Amortization of limited term utility plant	2,446		2,446		2,446
10	Taxes other than income:					
11	Real and personal property taxes	266,689		266,689		266,689
12	Public Service Commission fee	16,559		16,559		16,559
13	Other general taxes	7,408		7,408		7,408
14	Federal unemployment tax	4,445		4,445		4,445
15	Federal insurance contributions act tax	140,142		140,142		140,142
16	State unemployment tax	5,065		5,065		5,065
17	Income taxes:					
18	Federal income tax	769,978	171,868	941,746	(46,484)	895,262
19	State income tax	65,232	9,116	74,348	(3,669)	70,679
20	Deferred FIT - accelerated depreciation	187,295	(28,559)	158,736		158,736
21	Deferred SIT - accelerated depreciation	17,486	(442)	17,044		17,044
22	Deferred FIT - other	7,313	(4,130)	3,183		3,183
23	Deferred SIT - other	412	0	412		0
24	Deferred FIT - investment tax credit	77,684	(77,684)	0		0
25	Amortization of investment tax credit	(26,955)	1,343	(25,612)		(25,612)
26	Total operating expenses	6,888,823	71,512	6,960,335	(50,153)	6,910,182
27	Utility Operating Income	\$2,675,387	(\$71,512)	\$2,603,875	(\$69,726)	\$2,534,149

Calculation of Federal and State Income Taxes
at Present Rates and at Proposed Rates
using 1987 Federal Income Tax Rates

Missouri Public Service Commission
 Company Missouri-American Water Company
 Case No. A0-87-48
 Year Ended December 31, 1985
 Page 2 of 6

Line No.		At Present Rates	At Proposed Rates
		Federal	State
1			
2			
3	Utility Operating Income	\$2,603,875	\$2,534,149
4	Deduct: Interest costs	957,447	957,447
5	Add:		
6	Federal income tax	941,746	895,262
7	State income tax		70,679
8	Depreciation book basis	533,418	533,418
9	Amortization - book basis	2,446	2,446
10	Deferred federal income tax - accelerated depreciation	158,736	158,736
11	Deferred state income tax - accelerated depreciation	17,044	17,044
12	Deferred federal income tax - other	3,183	3,183
13	Deferred state income tax - other	412	412
14	Amortization of investment tax credit	(25,612)	(25,612)
15	New tax law changes (See worksheets)	171,799	171,799
16	Total add backs	1,803,172	1,756,688
17	Deduct: Depreciation-tax basis	1,089,664	1,089,664
18	Balance	2,359,936	2,243,726
19	Less: Preferred dividend paid credit	5,571	5,571
20	Taxable Income	2,354,365	2,238,155
21	Tax Computation		
22	State income tax @ 5%	941,746	895,262
23	Federal income tax @ 40%	0	0
24	Less: Investment tax credit	941,746	895,262
25	Net federal income tax		

Original Cost Rate Base
Using 1987 Federal Income Tax Rates

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. A0-87-48

Year Ended December 31, 1985

Page 3 of 6

Line No.		Per Books Dec. 31, 1985	Adjustments	Pro Forma Rate Base
1				
2				
3	Utility plant in service	\$31,336,844		\$31,336,844
4	Leas: Accum. prov. for depreciation and amortization	6,971,379		6,971,379
5	Net utility plant	24,365,465	0	24,365,465
6	Deduct:			
7	Accumulated deferred investment tax credit	101,245		101,245
8	Customer advances	748,267		748,267
9	Contributions in aid of construction	794,671		794,671
10	Deferred taxes - accelerated depreciation	507,186	(29,001)	478,185
11	Total deductions	2,151,369	(29,001)	2,122,368
12	Add:			
13	Cash working capital	390,657		390,657
14	Materials and supplies	217,000		217,000
15	Total additions	607,657	0	607,657
16	Original Cost Rate Base	\$22,821,753	\$29,001	\$22,850,754

17 • Cash working capital granted in Company's least rate Order.

Pro Forma Rate of Return Summary

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. AD-87-48

Year Ended December 31, 1985

Page 4 of 6

Line No.	Class of Capital	Amount	Percent of Total	Cost Percentage	Cost of Capital
-----	-----	-----	-----	-----	-----
1					
2					
3	Long-term debt	\$11,053,553	47.47%	8.82%	4.19%
4	Notes payable	2,787,000	11.97%	9.50%	1.14%
5	Preferred equity	392,261	1.69%	4.72%	0.08%
6	Common equity	9,051,639	38.87%	14.60%	5.68%
7	Total capitalization	\$23,284,453	100.00%		11.09%
		*****	*****		*****

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. AO-87-48

Year Ended December 31, 1985

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[illegible]

Pro Forma Cost of Preferred Stock

Missouri Public Service Commission

Year Ended December 31, 1985

Company Missouri-American Water Company

Page 6 of 6

Case No. AD-87-48

Line No.	Dividend Rate Type, Par Value	Date Issued	Principal Amount	Face Amount Outstanding	Unamortized Issue Expense	Carrying Value	Annual Dividends	Annual Amorti- zation	Total Annual Cost
	(Col.1)	(Col.2)	(Col.3)	(Col.4)	(Col.5)	(Col.6)	(Col.7)	(Col.8)	(Col.9)
1									
2									
3									
4									
5	Cumulative Preferred Stock								
6	4.65% Series \$100	1/1/84	\$230,000	\$210,000	\$3,995	\$206,005	\$9,765	\$394	\$10,159
7	Par Value								
8	4 1/4% Series \$100	12/28/49	700,000	190,000	3,744	186,256	8,075	266	8,341
9	Par Value								
10	Total		\$930,000	\$400,000	\$7,739	\$392,261	\$17,840	\$660	\$18,500
11	Cost of preferred stock								
12	(Col.9/Col.6)								4.72%



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support various
per book rate base, capital, and income
statement items.*

MISSOURI PUBLIC SERVICE COMMISSION

Page 1

TOTAL COMPANY
FINANCIAL DATA

COMPANY NUMBER 4164

COMPANY NAME: _____

December 1985
(Month-Year)

Monthly Financial Report

Missouri-American Water Co.

Line No.		Amount (in Dollars)	Amount (in Dollars)
	<u>Total Company Rate Base</u>		
101	Total Plant in Service (1)		31,336,844
102	Less: Depreciation Reserve	6,971,379	
103	Net Plant in Service		24,365,465
104	Add: Materials and Supplies	216,740	
105	Less: Advances for Construction	748,267	
106	Less: Contributions in Aid of Construction	794,671	
107	Less: Deferred Income Taxes	712,626	
108	Less: Unamortized Investment Tax Credits Prior to 1971	101,245	
109	Total Company Rate Base		22,255,396
110	Construction Work in Progress	7,867	
111	Total Including CWIP		22,263,263
	<u>Total Company Capitalization</u>		
112	Common Stock Equity, Net	9,043,899	
113	Preferred Stock (Par or stated value outstanding)	400,000	
114	Long-term Debt (including current maturities)	11,144,000	
115	Sub-Total		20,587,899
116	Short-term Debt	2,787,000	
117	Total		23,374,899

(1) Includes completed construction not classified.

(2) All Company's operations are Missouri jurisdictional.

MISSOURI PUBLIC SERVICE COMMISSION

Page 2

TOTAL COMPANY
FINANCIAL DATA

COMPANY NUMBER 4164
COMPANY NAME: _____

December 1985
(Month-Year)

Monthly Financial Report

Missouri-American Water Co.

Line No.		Amount (in Dollars)	Amount (in Dollars)
	<u>Total Company Operating Statement</u>		
201	Operating Revenues		9,564,210
202	Operation Expenses	4,132,477	
203	Maintenance Expenses	681,829	
204	Depreciation & Amortization Expenses	535,864	
205	Taxes, Other Than Income Taxes	440,308	
206	Income Taxes - Current, Federal & State	835,110	
207	Provision for Deferred Income Taxes, Net	290,190	
208	Investment Tax Credit Adj., Net	(26,955)	
209	Total Operating Expenses		6,888,323
210	Net Operating Income		2,675,387
211	Non-Operating Income/Expenses, Net (1)	(11,618)	
212	Gross Income		2,663,769
213	Interest on Long-Term Debt	982,612	
214	Amortization Debt Discount/Premium, Net	13,306	
215	Interest on Short-term Debt	180,518	
216	Other Interest	(3)	
217	Gross Interest Expense		1,176,433
	Allowance for Funds Used During Construction - Credit: (2)		
218	Equity Component		
219	Debt Component		
220	Total AFUDC		
221	Net Interest Expense		1,176,433
222	Extraordinary Items, Net (1)		
223	Net Income		1,487,336
224	Preferred Dividend Requirements	18,882	
225	Amount Available for Common Equity		1,468,454
226	Twelve Months - Ended Common Dividend Declarations	1,160,810	

- (1) () Denotes loss or decrease
 (2) Present detail where applicable.
 Prior to the Twelve Months-Ended
 January 31, 1977, show Total AFUDC only.
 (3) All Company's operations are Missouri jurisdictional.



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

These worksheets support deferred taxes on the income statement and tax deductions used on the tax computation.

Missouri-American Water Company
Deferred Taxes - Accelerated Depreciation
Per Books 1985 at 1987 Rates

Joplin St Joseph
District District

-21

New Tax Law - 1985 at 1987 Rates

Deferred FIT @ 40%
Deferred SIT

\$ 62522	\$ 96208	\$ 158736
<u>6714</u>	<u>10330</u>	<u>17044</u>
\$ <u>69242</u>	\$ <u>106538</u>	\$ <u>175780</u>

Tax Depreciation: Prior to 1981
1981-1985

\$ 221904	\$ 321274	\$ 543178
<u>214635</u>	<u>321851</u>	<u>546486</u>
\$ <u>436539</u>	\$ <u>653125</u>	\$ <u>1079664</u>

Old Tax Law - 1985 at Old Tax Rates

Deferred FIT @ 46%
Deferred SIT

\$ 73428	\$ 113867	\$ 187295
<u>6855</u>	<u>10631</u>	<u>17486</u>
\$ <u>80283</u>	\$ <u>124498</u>	\$ <u>204781</u>

Tax Depreciation: Prior to 1981
1981-1985

\$ 221904	\$ 321274	\$ 543178
<u>217220</u>	<u>338696</u>	<u>555916</u>
\$ <u>439124</u>	\$ <u>659970</u>	\$ <u>1099094</u>

At 1987 Rates

TAX BASE PROPERTY	RATE	NORMAL DEPRECIATION
-------------------------	------	------------------------

1981 ADDITIONS	112905	1.77%	1998
1982 ADDITIONS	544953	2.71%	14768
1983 ADDITIONS	259521	2.72%	7059
1984 ADDITIONS	951464	2.42%	23025
1985 ADDITIONS	420210 343721	1.13%	2884 4748

~~50734~~ 51, 598

ACCELERATED DEPRECIATION (81 & subsequent less easements)	217,631	217,216
NORMAL DEPRECIATION (as calculated)	7,569	50,734

EXCESS	163,033	166482
STATE*	6,714	6855
EXCESS	156,319	159627
FEDERAL	62528	73428

DECEMBER JOURNAL ENTRY

	STATE	FEDERAL
ANNUAL PROVISION	6855	73428
PROVISION TO DATE	6595	63487
DECEMBER ENTRY	260	9941

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

ST. JOSEPH DISTRICT

DEFERRED ACCELERATED DEPRECIATION COMPUTATION
DECEMBER ONLY*At 1987 Rates*

	TAX BASE PROPERTY	RATE	NORMAL DEPRECIATION	*
NORMAL DEPRECIATION		<i>2.21% 2.5%</i>	<i>EFF. 4-18.5</i>	<i>AS REV</i>
1981 ADDITIONS	324807	1.92%	2.21%	7173 6,143
1982 ADDITIONS	483992	2.61%	3.00%	14520 14,042
1983 ADDITIONS	601138	2.44%	2.34%	14067 13,516
1984 ADDITIONS	1587356	2.56%	2.37%	37620 35,370
1985 ADDITIONS	473,923 451,212	1.88%	2.14%	9656 9,362 9,833
				<i>83041 80,359 80,830</i>
NORMAL DEPRECIATION				<i>40% 46% 11.5% Tax Law</i>
DEFERRED CALCULATION				<i>AC REV</i>
ACCELERATED DEPRECIATION (81 & subsequent less easements)				331,681 338,526 338,226
NORMAL DEPRECIATION (as calculated)				80,830 83,041 80,359
				EXCESS 250,851 255,485 257,867
				STATE* 10,330 10,521 10,321
				EXCESS 240,521 244,964 247,536
				FEDERAL 96,208 112,683 113,667

* THE EFFECTIVE TAX RATES USED IN THE STATE
CALCULATION: STATE .0504843
FEDERAL .00928543

DECEMBER JOURNAL ENTRY

STATE FEDERAL

ANNUAL PROVISION 10521 10,631 112583 113,667
PROVISION TO DATE 11170 107520

DECEMBER ENTRY -649 -539 5163 6,347

XX

* *Per Books as revised for new depr. rates eff. 4-1-85** *3 Mths at 1.88% - 9 Mths at 2.14% . 473,923 x 1.88% / 4 = 2,227** *473,923 x 2.14% x 3/4 = 7,606 . 2,227 + 7,606 = 9,833*

REQUEST NO. 017
 REPORT NO. 270
 RUN DATE 02/05/86
 RUN TIME 15.15.39

TAX LEDGER REPORT
 JAN, 1985 THRU DEC, 1985

BOOK 2

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y C	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
JCPLIN DISTRICT PROPERTY CATEGORY	320 BLD											
81-BLDG1 JP BUILDINGS	11/81	ACR	180	I	0	0	5,537.00	.00	5,537.00	442.96	2,214.80	3,322.20
82-BLDG2 JP BUILDINGS	07/82	ACR	180	I	0	0	1,095.00	.00	1,095.00	98.55	393.78	701.22
82-BLDG1 JP BUILDINGS	03/82	ACR	180	I	0	0	42,226.00	.00	42,226.00	3,378.08	16,045.88	26,180.12
82-BLDG2 JP BUILDINGS	12/82	ACR	180	I	0	0	37,029.00	.00	37,029.00	3,332.61	11,949.28	25,179.72
82-BLDG3 JP BUILDINGS	11/82	SLN	199	D	0	0	4,393.00	.00	4,393.00	264.92	838.72	3,554.28
83-BLDG3 JP BUILDINGS	07/83	ACR	180	I	0	0	14,224.00	.00	14,224.00	1,422.40	3,840.48	10,383.52
84-BLDG3 JP BUILDINGS	07/84	ACR	216	M	0	0	58,780.00	.00	58,780.00	5,290.20	8,817.00	49,963.00
85-BLDG3 JP BUILDINGS	06/85	ACR	216	M	0	0	12,886.00	.00	12,886.00	644.39 159% = 204.89 (A)	644.39	12,241.70
PROPERTY CATEGORY	BLD	TOTALS					176,170.00	.00	176,170.00	14,874.02 14,434.61	44,644.24	131,525.76
PROPERTY CATEGORY	CAR											
82--CARS JP CARS	07/82	ACR	036	A	1	P	7,521.00	.00	7,521.00	.00	7,521.00	.00
83--CARS JP CARS	07/83	ACR	036	A	3	P	17,917.00	537.50	17,379.50	6,430.41	17,379.50	.00
85--CARS JP CARS	02/85	ACR	036	F	3	P	26,081.00	782.43	25,298.57	6,324.64 216.20 (B)	6,324.64	18,973.93
PROPERTY CATEGORY	CAR	TOTALS					51,519.00	1,319.93	50,199.07	12,755.05 11,646.61	31,225.14	18,973.93

(A) New Rate for Structures (7.14% Net) 3.17467 (100 ÷ 31.54%) 1/2 Rtd for 1985 is 1.5873%. Rounded to 1.59%.

(B) New Rate for Autos - 5% life and 2007 D.D.B. method - First yr. manual rate would be (100 ÷ 5% - 20% - 1/2 Rtd 10%) - 2007 D.D.B. rate would be 20%.

REQUEST NO. 917
 REPORT NO. 270
 RUN DATE 02/05/86
 RUN TIME 15.15.39

TAX LEDGER REPORT
 JAN, 1995 THRU DEC, 1985

BOOK 2

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y	ITC C	ITC RATE	BASIS AMOUNT	TAX RED	TAX TION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
<i>1/2 ITC</i>													
JOPLIN DISTRICT PROPERTY CATEGORY	320 HTK												
84H-TPKS JP HEAVY TRUCKS	07/84	ACR	Q60	A	3	6	19,887.00	994.50		18,892.50	4,156.35	6,990.23	11,902.27
PROPERTY CATEGORY	HTK		TOTALS				19,887.00	994.50		18,892.50	4,156.35	6,990.23	11,902.27
PROPERTY CATEGORY	INT												
84-INTAN JP INTANGIBLES	07/84	ACR	180	A	0	0	18,152.00	.00		18,152.00	.00	.00	18,152.00
PROPERTY CATEGORY	INT		TOTALS				18,152.00	.00		18,152.00	.00	.00	18,152.00
PROPERTY CATEGORY	LAN												
81-LANDON JP LAND	07/81	SLN	120	A	0	0	7.00	.00		7.00	.00	.00	7.00
PROPERTY CATEGORY	LAN		TOTALS				7.00	.00		7.00	.00	.00	7.00
PROPERTY CATEGORY	LTK												
82LT-TRK JP LIGHT TRUCKS	07/82	ACR	Q36	A	1	P	14,635.00	.00		14,635.00	.00	14,635.00	.00
83LT-TRK JP LIGHT TRUCKS	07/83	ACR	Q36	A	3	P	17,003.00	510.00		16,493.00	6,102.41	16,493.00	.00
84LT-TRK JP LIGHT TRUCKS	07/84	ACR	Q36	A	3	P	28,115.00	843.50		27,271.50	10,363.17	17,181.05	10,090.45
85LT-TRK JP LIGHT TRUCKS	07/85	ACR	Q36	F	3	P	8,098.00	242.94		7,855.06	1,963.76	1,963.76	5,891.30
PROPERTY CATEGORY	LTK		TOTALS				67,851.00	1,596.44		66,254.56	18,429.34	50,272.81	15,981.75

② Annual 1st % Rate $(110 \div 5\% = 20\% - 1/2 10\%) - 200\% 00.3.86$ is 10% x 2.20%

REQUEST NO. 017
REPORT NO. 270
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TAX LEDGER REPORT
JAN. 1985 THRU DEC, 1985

BOOK 2

FAS REL 9.2

ITEM UNIT NUMA/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
JOPLIN DISTRICT 320												
PROPERTY CATEGORY NEQ												
82-OFFEQ JP OFFICE EQUIPMENT	07/82	ACR	060	A	1	6	1,996.00	.00	1,996.00	419.16	1,576.84	419.16
83-OFFEQ JP OFFICE EQUIPMENT	07/83	ACR	060	A	3	6	16,531.00	826.50	15,704.50	3,297.94	9,108.61	6,595.89
84-OFFEQ JP OFFICE EQUIPMENT	07/84	ACR	060	A	3	6	13,272.00	663.50	12,608.50	2,773.87	4,665.15	7,943.35
85-OFFEQ JP OFFICE EQUIPMENT	02/85	ACR	060	F	3	6	13,206.00	660.30	12,545.70	1,891.85	1,881.85	10,663.85
PROPERTY CATEGORY NEQ TOTALS												
							45,005.00	2,152.30	42,854.70	8,272.82	17,232.45	25,622.25
PROPERTY CATEGORY OFF												
83-OFFEQ JP OFFICE FURN & FIXT	07/83	ACR	060	A	3	6	2,466.00	123.50	2,342.50	491.92	1,358.65	983.95
84-OFFEQ JP OFFICE FURN & FIXT	07/84	ACR	060	A	3	6	1,106.00	55.50	1,050.50	231.11	388.69	661.81
85-OFFEQ JP OFFICE FURN & FIXT	12/85	ACR	060	F	3	6	5,301.00	265.05	5,035.95	755.39	755.39	4,280.56
PROPERTY CATEGORY OFF TOTALS												
							8,873.00	444.05	8,428.95	1,478.42	2,502.73	5,926.22
PROPERTY CATEGORY RTW												
82-EASEM JP RIGHTS OF WAY	07/82	SLA	180	A	0	0	37.00	.00	37.00	2.47	8.62	28.38
84RTSWAY JP RIGHTS OF WAY	07/84	ACR	180	A	0	0	19.00	.00	19.00	1.90	2.85	16.15
PROPERTY CATEGORY RTW TOTALS												
							56.00	.00	56.00	4.37	11.47	44.53

① Annual 1st Yr. Rte (100 ÷ 7 Yrs = 14.286% 1st Yr. 7.143% 2nd Yr. 7.143% 3rd Yr. 7.143% 4th Yr. 7.143% 5th Yr. 7.143% 6th Yr. 7.143% 7th Yr. 7.143% 8th Yr. 7.143% 9th Yr. 7.143% 10th Yr. 7.143% 11th Yr. 7.143% 12th Yr. 7.143% 13th Yr. 7.143% 14th Yr. 7.143% 15th Yr. 7.143% 16th Yr. 7.143% 17th Yr. 7.143% 18th Yr. 7.143% 19th Yr. 7.143% 20th Yr. 7.143% 21st Yr. 7.143% 22nd Yr. 7.143% 23rd Yr. 7.143% 24th Yr. 7.143% 25th Yr. 7.143% 26th Yr. 7.143% 27th Yr. 7.143% 28th Yr. 7.143% 29th Yr. 7.143% 30th Yr. 7.143% 31st Yr. 7.143% 32nd Yr. 7.143% 33rd Yr. 7.143% 34th Yr. 7.143% 35th Yr. 7.143% 36th Yr. 7.143% 37th Yr. 7.143% 38th Yr. 7.143% 39th Yr. 7.143% 40th Yr. 7.143% 41st Yr. 7.143% 42nd Yr. 7.143% 43rd Yr. 7.143% 44th Yr. 7.143% 45th Yr. 7.143% 46th Yr. 7.143% 47th Yr. 7.143% 48th Yr. 7.143% 49th Yr. 7.143% 50th Yr. 7.143% 51st Yr. 7.143% 52nd Yr. 7.143% 53rd Yr. 7.143% 54th Yr. 7.143% 55th Yr. 7.143% 56th Yr. 7.143% 57th Yr. 7.143% 58th Yr. 7.143% 59th Yr. 7.143% 60th Yr. 7.143% 61st Yr. 7.143% 62nd Yr. 7.143% 63rd Yr. 7.143% 64th Yr. 7.143% 65th Yr. 7.143% 66th Yr. 7.143% 67th Yr. 7.143% 68th Yr. 7.143% 69th Yr. 7.143% 70th Yr. 7.143% 71st Yr. 7.143% 72nd Yr. 7.143% 73rd Yr. 7.143% 74th Yr. 7.143% 75th Yr. 7.143% 76th Yr. 7.143% 77th Yr. 7.143% 78th Yr. 7.143% 79th Yr. 7.143% 80th Yr. 7.143% 81st Yr. 7.143% 82nd Yr. 7.143% 83rd Yr. 7.143% 84th Yr. 7.143% 85th Yr. 7.143% 86th Yr. 7.143% 87th Yr. 7.143% 88th Yr. 7.143% 89th Yr. 7.143% 90th Yr. 7.143% 91st Yr. 7.143% 92nd Yr. 7.143% 93rd Yr. 7.143% 94th Yr. 7.143% 95th Yr. 7.143% 96th Yr. 7.143% 97th Yr. 7.143% 98th Yr. 7.143% 99th Yr. 7.143% 100th Yr. 7.143%

REQUEST NO. 017
REPORT NO. 270
RUN DATE 02/05/86
RUN TIME 15.15.39

MISSOURI-AMERICAN

BOOK 2

TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y	ITC C	ITC CODE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
JOPLIN DISTRICT PROPERTY CATEGORY	320 SOF											
84-SOFTW JP SOFTWARE	07/84	SL	360	A	0	0	300.00	.00	300.00	60.00	90.00	210.00
85-SOFTW JP SOFTWARE	12/85	SL	060	A	0	0	475.00	.00	475.00	47.50	110.00	427.50
PROPERTY CATEGORY	SOF		TOTALS				775.00	.00	775.00	107.50	137.50	637.50
PROPERTY CATEGORY	WTR											
8149302N JP WATER PROPERTY	07/81	ACR	180	A	1	6	107,368.00	.00	107,368.00	7,515.76	41,873.52	65,494.48
82-WATER JP WATER PROPERTY	07/82	ACR	180	A	1	6	436,058.00	.00	436,058.00	34,884.64	139,538.56	296,519.44
83-WATER JP WATER PROPERTY	07/83	ACR	180	A	3	6	203,556.00	10,178.05	193,377.95	17,404.02	46,919.51	146,458.34
84-WATER JP WATER PROPERTY	07/84	ACR	180	A	3	6	876,380.00	43,818.90	832,561.10	83,256.12	124,884.17	707,676.33
85-WATER JP WATER PROPERTY	01/85	ACR	180	F	3	6	354,162.00	14,777.10	339,384.90	13,901.24	(E) 13,981.24	265,443.66
PROPERTY CATEGORY	WTR		TOTALS				1,917,704.00	68,714.05	1,848,989.95	157,041.78	367,197.10	1,481,792.85
JOPLIN DISTRICT	320		TOTALS				2,305,999.00	75,219.27	2,230,779.73	217,219.65	520,213.67	1,710,566.06

Joplin District

1981-1985 Total Depreciation

Less: Excessments

Accel. Depn. used to

Deferred Tax

Old Total

\$ 217,220

4

\$ 217,216

New Total

\$ 214,635

4

\$ 214,631

(E) Normal 1st Yr. Rate (100 ÷ 20 Yrs = 5% - 1/2 1st Yr. 2.5%) 150% 0.08 - 2.5% x 15% = 3.75%

REPORT NO. 270
 RUN DATE 02/05/86
 RUN TIME 15.15.39

TAX LEDGER REPORT
 JAN, 1985 THRU DEC, 1985

BOOK 2

FAS PEL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	M	Y	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
ST. JOSEPH DISTRICT 680 PROPERTY CATEGORY BLD													
81BLDG1N SJ BUILDINGS	06/81	ACR	180	I	0	0		99.00	.00	99.00	6.93	42.57	56.43
81BLDG2N SJ BUILDINGS	09/81	ACP	180	I	0	0		2,023.00	.00	2,023.00	161.84	849.66	1,173.34
81BLDG3N SJ BUILDINGS	05/81	ACR	180	I	0	0		564.00	.00	564.00	39.48	248.16	315.84
81BLDG4N SJ BUILDINGS	12/81	ACP	180	I	0	0		122.00	.00	122.00	9.76	48.80	73.20
82-BLDGS SJ BUILDINGS	07/82	ACP	180	I	0	0		10,415.00	.00	10,415.00	937.35	3,749.40	6,665.60
83-BLDGS SJ BUILDINGS	07/83	ACR	180	I	0	0		20,495.00	.00	20,495.00	2,049.50	5,533.65	14,961.35
84-BLDGS SJ BUILDINGS	07/84	ACP	216	M	0	0		1,889.00	.00	1,889.00	170.01	283.35	1,605.65
84-WTSTR SJ BUILDINGS	07/84	ACP	180	A	3	6		55,076.00	2,754.00	52,322.00	5,232.20	7,848.30	44,473.70
85-BLDGS SJ BUILDINGS	03/85	ACR	216	M	0	0		6,107.00	.00	6,107.00	448.56	88.56	5,618.44
85-WTSTR SJ BUILDINGS	07/85	ACP	216	M	3	6		2,369.00	119.55	2,249.45	90.02	27.67	2,160.53
PROPERTY CATEGORY BLD	TOTALS							99,159.00	2,872.45	96,286.55	9,185.65	27,412.4	77,104.08
PROPERTY CATEGORY CAR													
83-CARS SJ	07/83	ACR	036	A	3	P		10,774.00	323.00	10,451.00	3,866.87	10,451.00	.00

1/2 ITC

A) 1/2 X Bld in 1985 (100 ÷ 31.5%) = 3.1746% 1/2 Bld in 1.5873% - Bld in 1.59%

REQUEST NO. 017
REPORT NO. 27C
RUN DATE 02/05/86
RUN TIME 15.15.39

MISSOURI-AMERICAN 683
TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

PAGE 6

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y C	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUF
ST. JOSEPH DISTRICT 680 PROPERTY CATEGORY CAR												
84--CARS SJ	07/84	ACR	036	A	3	P	21,763.00	653.00	21,110.00	8,021.80	13,299.30	7,810.70
85--CARS SJ	02/85	ACR	036	F	3	P	37,870.00	1,136.10	36,733.90	9,183.47	27,550.43	
54- 200% D.O.B.												
PROPERTY CATEGORY CAR			TOTALS				70,407.00	2,112.10	68,294.90	21,022.14	32,933.77	35,361.13
PROPERTY CATEGORY HTK												
85H-TRKS SJ	03/85	ACR	060	F	3	6	15,312.00	765.60	15,312.00	2,181.96	2,181.96	12,264.44
HEAVY TRUCKS 74- 200% D.O.B.												
PROPERTY CATEGORY HTK			TOTALS				15,312.00	765.60	14,546.40	2,181.96	2,181.96	12,364.44
PROPERTY CATEGORY INT												
84--INTAN SJ	07/84	ACR	180	A	0	0	22,725.00	.00	22,725.00	.00	.00	22,725.00
INTANGIBLES												
PROPERTY CATEGORY INT			TOTALS				22,725.00	.00	22,725.00	.00	.00	22,725.00
PROPERTY CATEGORY LTK												
810024IN SJ	07/81	ACR	036	A	1	P	85.00	.00	85.00	.00	85.00	.00
LIGHT TRUCKS												
82LT-TRK SJ	07/82	ACR	036	A	1	P	16,675.00	.00	16,675.00	.00	16,675.00	.00
LIGHT TRUCKS												
83LT-TRK SJ	07/83	ACP	036	A	3	P	31,203.00	936.00	30,267.00	11,198.79	30,267.00	.00
LIGHT TRUCKS												

③ Normal Rate 1st Year - 10.00% x 2 = 20%
④ Normal Rate 1st Year - 7.1437% x 2 = 14.287% rounded to 14.29%

REQUEST NO. 017
REPORT NO. 270
RUN DATE 02/05/86
RUN TIME 15.15.39

TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

BOOK 2

FAS PFL 9.2

ITEM UNIT NUMB/	ENT	DEPR	EST	Y	ITC	ITC	BASIS	TAX	REDUCTION	RECOVERY	CURRENT	ACCUMULATED	NET TAX
DESCRIPTION	SEV	METH	LIFE	C	CODE	PAYE	AMOUNT				PERIOD	DEPRECIATION	VALUE
<i>1/2 ITC</i>													
ST. JOSEPH DISTRICT 690 PROPERTY CATEGORY LTK													
84LT-TRK SJ	07/84	ACP	036	A	3	P	32,834.00	985.00		31,849.00	12,102.62	20,064.87	11,784.13
LIGHT TRUCKS													
85LT-TRK SJ	04/85	ACP	036	F	3	P	18,197.00	545.91		18,197.00	4,412.77	13,238.32	
LIGHT TRUCKS													
PROPERTY CATEGORY LTK							98,994.00	2,466.91		96,527.09	27,714.18	71,506.64	25,022.45
TOTALS													
PROPERTY CATEGORY GEO													
8100130N SJ	07/81	ACR	060	A	1	6	1,363.00	.00		1,363.00	286.23	1,363.00	.00
OFFICE EQUIPMENT													
82-0TEOP SJ	07/82	ACR	060	A	1	6	1,865.00	.00		1,865.00	391.65	1,473.35	391.65
OFFICE EQUIPMENT													
83-0TEOP SJ	07/83	ACR	060	A	3	6	2,553.00	127.50		2,425.50	509.35	1,406.79	1,019.71
OFFICE EQUIPMENT													
84-0TEOP SJ	07/84	ACR	060	A	3	6	13,101.00	655.00		12,446.00	2,738.12	4,605.02	7,840.98
OFFICE EQUIPMENT													
85-0TEOP SJ	10/85	ACR	060	F	3	6	.00	.00		.00	.00	.00	.00
OFFICE EQUIPMENT													
PROPERTY CATEGORY OFQ							18,882.00	782.50		18,099.50	3,925.35	8,848.16	9,251.34
TOTALS													
PROPERTY CATEGORY OFF													
8100110N SJ	07/81	ACR	060	A	1	6	1,719.00	.00		1,719.00	360.99	1,719.00	.00
OFFICE FURN & FIXT													
82-0FFCF SJ	07/82	ACR	060	A	1	6	2,751.00	.00		2,751.00	577.71	2,173.29	577.71
OFFICE FURN & FIXT													

D) Annual Rate 13-4% - 16% x 2 = 29%

ITEM UNIT NUM/ DESCRIPTION	ENT SERV	DEPS METH	EST LIFE	Y	ITC CODE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
ST. JOSEPH DISTRICT 680											
PROPERTY CATEGORY WTR											
02-WATER SJ WATER PROPERTY	07/82	ACR	180	A	1	6	452,286.00	452,286.00	36,182.88	144,731.52	307,554.48
03-WATER SJ WATER PROPERTY	07/83	ACR	180	A	3	6	562,575.00	534,445.75	48,100.12	127,716.22	406,729.53
04-WATER SJ WATER PROPERTY	07/84	ACR	180	A	3	6	1,540,303.00	1,463,287.60	146,328.76	219,493.15	1,243,794.45
05-WATER SJ WATER PROPERTY	01/85	ACR	180	F	3	6	392,604.00	373,452.60	18,072.63	18,672.63	354,779.97
						20% 150% O.D.B.					
PROPERTY CATEGORY WTR TOTALS						3,267,104.00					
ST. JOSEPH DISTRICT 680 TOTALS						134,283.06					
MISSOURI-AMERICAN 683 TOTALS						5,914,775.00					

1/2 ITC

③ New S. Rate 1st % - 2.5% x 375"

St. Joseph District Old Tax Low New Tax Low Difference

1981-1985 Tax Depreciation 338,696

331,851

6,845

Less: Exemption 170

Accel. Depn. moved to Calendar. Dif. 744

338,526

331,681

6,845

COMP 683 MISSOURI-AMERICAN DIST COMP 320 JOPLIN DISTRICT

GRP	LSS	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	TOTAL LIFE	DEPR BEGIN	DEPR CUMULATIVE	VINTAGE COST	D	DEPR YEAR TO DATE
-LAND		80-LANDNJP	LAND-1980	4,207.00	4,207.00	010-00	010-00	07/80		4,207.00	0	
GRP	CLSS	TOTAL		4,207.00	4,207.00							
BLDGS		70BLDGSNJP	BUILDINGS-1970	5,774.37	5,774.37	050-00	050-00	07/70	2,172.53	5,774.37	3	111.39
BLDGS		71BLDGSNJP	BUILDINGS-1971	174.15	174.15	043-00	043-00	07/71	28.12	174.15	3	11.39
BLDGS		72BLDGSNJP	BUILDINGS-1972	13.23	13.23	043-00	043-00	07/72	1.71	13.23	3	1.39
BLDGS		73BLDGSNJP	BUILDINGS-1973	42.63	42.63	043-00	043-00	07/73	14.71	42.63	3	3.28
BLDGS		74BLDGSNJP	BUILDINGS-1974	28.94	28.94	043-00	043-00	07/74	19.41	28.94	3	2.30
BLDGS		75BLDGSNJP	BUILDINGS-1975	3,077.61	3,077.61	043-00	043-00	07/75	1,800.17	3,077.61	3	671.90
BLDGS		76BLDGSNJP	BUILDINGS-1976	3,077.61	3,077.61	043-00	043-00	07/76	1,800.17	3,077.61	3	671.90
BLDGS		77BLDGSNJP	BUILDINGS-1977	106.21	106.21	043-00	043-00	07/77	65.80	106.21	3	7.79
BLDGS		78BLDGSNJP	BUILDINGS-1978	106.21	106.21	043-00	043-00	07/78	23.18	106.21	3	2.83
BLDGS		79BLDGSNJP	BUILDINGS-1979	2,808.00	2,808.00	043-00	043-00	07/79	554.95	2,808.00	3	77.68
BLDGS		80BLDGSNJP	BUILDINGS-1980	53,571.00	53,571.00	043-00	043-00	07/80	9,075.73	53,571.00	3	1,534.30
GRP	CLSS	TOTAL		143,775.50	143,775.50				38,784.83	143,775.50		3,607.44
BLDGI		76BLDGINJP	BUILDING-1-1976	620.00	620.00	023-00	023-00	07/76	277.73	620.00	0	25.35
GRP	CLSS	TOTAL		620.00	620.00				277.73	620.00		25.35
PRES4		00PRE54NJP	PROP ACQ PRE 54	2,042,789.71	2,042,789.71	050-00	050-00	07/53	1,668,825.26	2,042,789.71	1	40,933.47
GRP	CLSS	TOTAL		2,042,789.71	2,042,789.71				1,668,825.26	2,042,789.71		40,933.47
PPE71		00PRE71NJP	PRE 1971 TRANSP	8,656.64	8,656.64	007-00	007-00	07/70	8,656.64	8,656.64	1	
GRP	CLSS	TOTAL		8,656.64	8,656.64				8,656.64	8,656.64		
00100		7100100NJP	71-OFFICE EQUIP	845.93	845.93	008-00	008-00	07/71	1,443.93	1,443.93	1	
00100		7200100NJP	72-OFFICE EQUIP	744.86	744.86	008-00	008-00	07/72	1,258.86	1,258.86	1	
GRP	CLSS	TOTAL		1,590.79	1,590.79				2,702.79	2,702.79		
00110		7700110NJP	77-OFF FURN-FIX	151.00	151.00	008-00	008-00	07/77	150.96	151.00	6	2.09
00110		7900110NJP	79-OFF FURN-FIX	527.00	527.00	008-00	008-00	07/79	497.69	527.00	6	36.59
00110		8000110NJP	80-OFF FURN-FIX	1,508.00	1,508.00	008-00	008-00	07/80	1,319.47	1,508.00	6	146.61
GRP	CLSS	TOTAL		2,186.00	2,186.00				1,968.12	2,186.00		185.29
00130		7800130NJP	78-DATA EQUIP	1,938.44	1,938.44	005-00	005-00	07/78	1,938.44	1,938.44	1	
00130		7900130NJP	79-DATA EQUIP	99.00	99.00	005-00	005-00	07/79	331.00	331.00	1	.02
00130		8000130NJP	80-DATA EQUIP	1,326.00	1,326.00	005-00	005-00	07/80	1,326.00	1,326.00	6	
GRP	CLSS	TOTAL		3,363.44	3,363.44				3,595.44	3,595.44		.02

AMERICAN WATER WORKS

ENDING 12/31/85 OF FISCAL YEAR 1985

PAGE NO. 13
FOR MONTHS 01-12

CURRENT DATE 01/30/86
PROGRAM NO. 0503

GRP	CLSS	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	TOTAL DEPRECIATION CUMULATIVE	DEPP BEGIN	VINTAGE COST	D	DEPR
CUMP	683	MISSOURI-AMERICAN	DIST COMP	320	JOPLIN DISTRICT					M	YEAR TO DATE
00220		8000220NJP	CARS-1980				003-00	07/80		1	
GRP	CLSS	TOTAL									
00241		8000241NJP	80-LIGHT TRUCKS		13,145.00		005-00	11,173.25	13,145.00	6	
GRP	CLSS	TOTAL									
49300		6449300NJP	PROP ACQ 1964		104,009.71		000-00	66,175.06	104,009.71	5	3,311.13
49300		6549300NJP	PROP ACQ 1965		12,814.23		000-00	50,415.98	104,009.71	5	3,311.13
49300		6649300NJP	PROP ACQ 1967		171,702.43		000-00	50,415.98	104,009.71	5	3,311.13
49300		6749300NJP	PROP ACQ 1968		111,132.43		000-00	50,415.98	104,009.71	5	3,311.13
49300		6849300NJP	PROP ACQ 1968		244,928.43		000-00	50,415.98	104,009.71	5	3,311.13
49300		6949300NJP	PROP ACQ 1969		185,920.05		000-00	50,415.98	104,009.71	5	3,311.13
49300		7049300NJP	PROP ACQ 1970		231,521.13		000-00	50,415.98	104,009.71	5	3,311.13
49300		7149300NJP	71-WTR PROPERTY		267,764.23		000-00	50,415.98	104,009.71	5	3,311.13
49300		7249300NJP	72-WTR PROPERTY		97,377.95		000-00	50,415.98	104,009.71	5	3,311.13
49300		7349300NJP	73-WTR PROPERTY		358,259.08		000-00	50,415.98	104,009.71	5	3,311.13
49300		7449300NJP	74-WTR PROPERTY		50,166.53		000-00	50,415.98	104,009.71	5	3,311.13
49300		7549300NJP	75-WTR PROPERTY		126,218.11		000-00	50,415.98	104,009.71	5	3,311.13
49300		7649300NJP	76-WTR PROPERTY		132,308.88		000-00	50,415.98	104,009.71	5	3,311.13
49300		7749300NJP	77-WTR PROPERTY		121,405.15		000-00	50,415.98	104,009.71	5	3,311.13
49300		7849300NJP	78-WTR PROPERTY		192,088.52		000-00	50,415.98	104,009.71	5	3,311.13
49300		7949300NJP	79-WTR PROPERTY		284,592.00		000-00	50,415.98	104,009.71	5	3,311.13
49300		8049300NJP	80-WTR PROPERTY		538,833.00		000-00	50,415.98	104,009.71	5	3,311.13
GRP	CLSS	TOTAL			3,308,994.35			1,505,611.08	3,342,826.35		114,067.32
54-63		0054-63NJP	PROP ACQ 54-63		3,421,168.49		050-00	2,547,124.64	3,421,168.49	5	63,085.41
GRP	CLSS	TOTAL			3,421,168.49			2,547,124.64	3,421,168.49		63,085.41
70110		7470110NJP	74-OFF FURN-FIX		4,500.96		008-00	4,500.96	4,500.96	1	.02
70110		7670110NJP	76-OFF FURN-FIX		268.18		008-00	268.18	268.18	1	.02
GRP	CLSS	TOTAL			4,769.14			4,769.14	4,769.14		.02
70130		7470130NJP	74-DATA EQUIP		13,365.13		005-00	13,365.13	13,365.13	1	
70130		7570130NJP	75-DATA EQUIP		145.34		005-00	270.34	270.34	1	
GRP	CLSS	TOTAL			13,510.47			13,635.47	13,635.47		
GPP	CLSS	TOTAL			13,510.47			13,635.47	13,635.47		
DIST COMP	TOTAL				8,968,776.53			5,807,124.39	9,004,077.53		221,904.32

GRP	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	TOTAL LIFE	DEPRECIATION CUMULATIVE	DEPR BEGIN	VINTAGE COST	DEPR YEAR	DEPR TO DATE
BLDG	70BLDGSNSJ	BUILDINGS-1970	199.95	199.95	0.00	0.00	0.00	07/70	199.95	3	3.85
BLDG	71BLDGSNSJ	71-BLD-MAIN STA	22,577.98	22,577.98	0.00	0.00	8,775.15	07/72	22,577.98	3	476.67
BLDG	72BLDGSNSJ	BUILDINGS-1972	11,448.13	11,448.13	0.00	0.00	5,724.06	07/73	11,448.13	3	80.46
BLDG	73BLDGSNSJ	BUILDINGS-1973	1,292.65	1,292.65	0.00	0.00	417.16	07/74	1,292.65	3	403.54
BLDG	78BLDGSNSJ	BUILDINGS-1978	1,496.00	1,496.00	0.00	0.00	97.97	07/79	1,496.00	3	13.72
BLDG	80BLDGSNSJ	BUILDINGS-1980	37,180.00	37,180.00	0.00	0.00	6,320.11	07/80	37,180.00	3	1,064.13
GRP	CLSS TOTAL		81,192.09	81,192.09			21,074.15		81,192.09		2,072.55
PRE54	OPPRE54NSJ	PROP ACQ PRE 54	4,094,806.68	4,094,806.68	0.00	0.00	4,094,806.68	07/53	4,094,806.68	1	14,724.00
GRP	CLSS TOTAL		4,094,806.68	4,094,806.68			4,094,806.68		4,094,806.68		14,724.00
PRE71	OPPRE71NSJ	PRE 1971 TRANSP	6,213.43	6,213.43	0.00	0.00	6,213.43	07/70	6,213.43	1	
GRP	CLSS TOTAL		6,213.43	6,213.43			6,213.43		6,213.43		
00100	7100100NSJ	71-OFFICE EQUIP	226.80	226.80	0.00	0.00	782.80	07/71	782.80	1	
00100	7200100NSJ	72-OFFICE EQUIP	1,185.15	1,185.15	0.00	0.00	1,859.15	07/72	1,859.15	1	
GRP	CLSS TOTAL		1,411.95	1,411.95			2,641.95		2,641.95		
00110	7700110NSJ	77-OFF FURN-FIX	2,896.34	2,896.34	0.00	0.00	2,896.30	07/77	2,896.34	6	40.22
00110	7800110NSJ	78-OFF FURN-FIX	1,435.95	1,435.95	0.00	0.00	1,415.96	07/78	1,435.95	6	59.83
00110	7900110NSJ	79-OFF FURN-FIX	195.00	195.00	0.00	0.00	184.13	07/79	195.00	6	13.77
00110	8000110NSJ	80-OFF FURN-FIX	1,664.00	1,664.00	0.00	0.00	1,455.97	07/80	1,664.00	6	161.77
GRP	CLSS TOTAL		6,191.29	6,191.29			5,952.36		6,191.29		275.36
00130	7700130NSJ	77-DATA EQUIP	524.95	524.95	0.00	0.00	648.95	07/77	648.95	1	
00130	7800130NSJ	78-DATA EQUIP	2,079.89	2,079.89	0.00	0.00	2,424.89	07/78	2,424.89	1	
00130	7900130NSJ	79-DATA EQUIP	1,633.00	1,633.00	0.00	0.00	1,633.00	07/79	1,633.00	1	
00130	8000130NSJ	80-DATA EQUIP	1,663.00	1,663.00	0.00	0.00	1,796.96	07/80	1,797.00	6	59.89
GRP	CLSS TOTAL		5,900.84	5,900.84			6,503.80		6,503.84		59.91
00241	7900241NSJ	79-LIGHT TRUCKS	6,575.00	6,575.00	0.00	0.00	5,588.75	07/79	6,575.00	1	
00241	8000241NSJ	80-LIGHT TRUCKS	20,585.00	20,585.00	0.00	0.00	17,497.75	07/80	20,585.00	6	
GRP	CLSS TOTAL		27,160.00	27,160.00			23,086.00		27,160.00		
00242	7800242NSJ	78-HEAVY TRUCKS	9,442.66	9,442.66	0.00	0.00	8,026.26	07/78	9,442.66	6	
GRP	CLSS TOTAL		9,442.66	9,442.66			8,026.26		9,442.66		

GRP	COMP	683	MISSOURI-AMERICAN	DIST	COMP	680	ST. JOSEPH DISTRICT	TOTAL	DEPRECIATION	DEPR	VINTAGE	D	YEAR TO DATE
CLASS	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	LIFE	CUMULATIVE	BEGIN	COST	DEPR	VINTAGE	D	YEAR TO DATE
49300	6449300NSJ	PROP ACQ 1964	237,512.58	237,512.58	08-00	00-00	221,135.42	08/64	337,512.58	7,360.33	512.58	5	7,360.33
49300	6449300NSJ	PROP ACQ 1965	237,512.58	237,512.58	08-00	00-00	221,135.42	09/65	441,264.50	10,720.66	512.58	5	10,720.66
49300	6449300NSJ	PROP ACQ 1969	237,512.58	237,512.58	08-00	00-00	221,135.42	11/69	527,747.01	12,281.32	512.58	5	12,281.32
49300	6449300NSJ	PROP ACQ 1968	264,468.40	264,468.40	08-00	00-00	264,468.40	08/68	264,468.40	5,129.69	512.58	5	5,129.69
49300	6449300NSJ	PROP ACQ 1968	1,374,890.35	1,374,890.35	08-00	00-00	1,374,890.35	08/68	1,374,890.35	35,151.83	512.58	5	35,151.83
49300	7049300NSJ	PROP ACQ 1970	1,374,890.35	1,374,890.35	08-00	00-00	1,374,890.35	07/70	1,374,890.35	10,158.84	512.58	5	10,158.84
49300	7149300NSJ	71-MTR PROPERTY	136,744.44	136,744.44	08-00	00-00	200,026.76	07/71	159,626.44	12,331.88	512.58	5	12,331.88
49300	7249300NSJ	72-MTR PROPERTY	349,117.18	349,117.18	08-00	00-00	213,092.34	07/73	367,534.18	18,311.99	512.58	5	18,311.99
49300	7349300NSJ	73-MTR PROPERTY	252,694.91	252,694.91	08-00	00-00	148,012.68	07/75	509,011.76	15,338.99	512.58	5	15,338.99
49300	7449300NSJ	74-MTR PROPERTY	486,119.48	486,119.48	08-00	00-00	65,059.66	07/76	284,976.05	10,767.15	512.58	5	10,767.15
49300	7549300NSJ	75-MTR PROPERTY	137,840.76	137,840.76	08-00	00-00	109,594.62	07/77	272,168.46	24,751.89	512.58	5	24,751.89
49300	7649300NSJ	76-MTR PROPERTY	269,138.46	269,138.46	08-00	00-00	202,512.79	07/78	501,139.01	28,184.33	512.58	5	28,184.33
49300	7749300NSJ	77-MTR PROPERTY	590,382.01	590,382.01	08-00	00-00	151,864.53	07/79	804,827.00	23,549.05	512.58	5	23,549.05
49300	7849300NSJ	78-MTR PROPERTY	512,152.00	512,152.00	08-00	00-00	151,864.53	07/80	7,224,954.78	72,592.66	512.58	5	72,592.66
49300	8049300NSJ	80-MTR PROPERTY	586,303.00	586,303.00	08-00	00-00	151,864.53	07/80	7,224,954.78	72,592.66	512.58	5	72,592.66
GRP	CLSS	TOTAL	7,110,559.78	7,110,559.78	050-00	050-00	2,865,039.26	08/60	3,867,106.34	5	3,867,106.34	5	3,867,106.34
54-53	0054-63NSJ	PROP ACQ 54-63	3,867,106.34	3,867,106.34	050-00	050-00	2,865,039.26	08/60	3,867,106.34	5	3,867,106.34	5	3,867,106.34
GRP	CLSS	TOTAL	3,867,106.34	3,867,106.34	008-00	008-00	1,641.16	07/73	1,641.16	1	1,641.16	1	1,641.16
70110	7370110NSJ	73-OFF FURN-FIX	1,641.16	1,641.16	008-00	008-00	26.37	07/74	26.37	1	26.37	1	26.37
70110	7470110NSJ	74-OFF FURN-FIX	26.37	26.37	008-00	008-00	433.86	07/75	433.86	1	433.86	1	433.86
70110	7570110NSJ	75-OFF FURN-FIX	433.86	433.86	008-00	008-00	8,126.20	07/76	8,126.20	1	8,126.20	1	8,126.20
70110	7670110NSJ	76-OFF FURN-FIX	8,082.20	8,082.20	008-00	008-00	10,227.59	07/76	10,227.59	1	10,227.59	1	10,227.59
GRP	CLSS	TOTAL	10,183.59	10,183.59	005-00	005-00	673.85	07/73	673.85	1	673.85	1	673.85
70130	7370130NSJ	73-DATA EQUIP	184.85	184.85	005-00	005-00	56.65	07/75	56.65	1	56.65	1	56.65
70130	7570130NSJ	75-DATA EQUIP	56.65	56.65	005-00	005-00	796.16	07/76	796.16	1	796.16	1	796.16
70130	7670130NSJ	76-DATA EQUIP	65.66	65.66	005-00	005-00	10,496,955.71	07/76	15,337,236.81	321,273.60	10,496,955.71	1	321,273.60
GRP	CLSS	TOTAL	307.16	307.16	16,304,080.10	16,304,080.10	24,341,314.34	07/76	24,341,314.34	543,177.92	24,341,314.34	1	543,177.92
DIST	COMP	TOTAL	15,220,475.81	15,220,475.81	16,304,080.10	16,304,080.10	24,341,314.34	07/76	24,341,314.34	543,177.92	24,341,314.34	1	543,177.92
COMP	CLSS	TOTAL	24,189,252.34	24,189,252.34	16,304,080.10	16,304,080.10	24,341,314.34	07/76	24,341,314.34	543,177.92	24,341,314.34	1	543,177.92



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support the
deferred taxes used on the income
statement*

Missouri American Water Company

Deferred Taxes - Other

1985 at 1987 Rates

Joplin District St. Joseph District Total

New Tax Law

Current Year Def SIT - Prog. Maintenance	\$ -	\$ 3098	\$ 3098
Amort of Current Yr. Def SIT	-	(143)	(143)
Amort of Prior Yr. Def SIT	(1309)	(1234)	(2543)
Total Def SIT	(1309)	1721	412

Current Year Def FIT - Prog. Maintenance - 40%	\$ -	\$ 28853	\$ 28853
Amort of Current Yr. Def FIT - 40%	-	(1323)	(1323)
Amort of Prior Yr. Def FIT - 46%	(12199)	(12148)	(24347)
Total Def FIT	(12199)	5382	3183

Total \$ (13508) \$ 17103 \$ 3595

Old Tax Law - Per Books

Current Year Def SIT - Prog. Maintenance	\$ -	\$ 3098	\$ 3098
Amort of Current Yr. Def SIT	-	(143)	(143)
Amort of Prior Yr. Def SIT	(1309)	(1234)	(2543)
Total Def SIT	(1309)	1721	412

Current Year Def FIT - Prog. Maintenance - 46%	\$ -	\$ 33181	\$ 33181
Amort of Current Yr. Def FIT - 46%	-	(1521)	(1521)
Amort of Prior Yr. Def FIT - 46%	(12199)	(12148)	(24347)
Total Def FIT	(12199)	\$ 19512	\$ 7313

Total \$ (13508) \$ 21233 \$ 7725

1985 & 1987 *Revised*
JOURNAL ENTRY

Recalculated at 40% FIT

J.E. NO.	DATE		DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
640	JUL 85			672.12	314.43	
				186.40		314.43
		AMORTIZE DEF. MAINT.				
650	JUL 85			283.76	13.86	
				410.11		13.86
		AMORTIZE DEF SIT				
660	JUL 85			283.16	^{120 71} 138.55	
				410.16		^{120 71} 138.55
		AMORTIZE DEF FIT				
DO NOT PUNCH		DO NOT PUNCH	DO NOT PUNCH		DO NOT PUNCH	
TO BEGIN AMORTIZATION OF DEFERRED MAINTENANCE AND TAXES APPLICABLE TO M-238 OVER 10 YEARS FROM 7-17-85 TO 7-17-95. <i>New Law</i>						
EXPENSE		FIT		SIT		
75,231.37		^{72,133.21} ^{x 46.7} 33,181.50		28,853.29 3098.16		
÷ 120 MOS:	626.92	276.51		240.44 25.81		
x 120 MOS:	75,230.40	33,181.20		28,852.80 3097.20		
Odd &	.97	20.49		.96		
1/2 MONTH AMORT.	313.46	138.25		120.22 12.90		
	314.43	138.55		120.71 13.86		

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COMPANY

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1985 & 1987 *Notes* **JOURNAL ENTRY** *Recalculated at 40% FIT*

J.E. NO.	DATE	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
650	APR 1985		410.11	65.39	
			283.74		65.39
<i>Rec SIT on M 238</i>					
660	APR 1985		410.16	700.36	609.01
			283.16		^{609.01} 700.36
<i>Rec FIT on M 238</i>					
DO NOT PUNCH					
<i>Rec SIT + FIT on M 238</i>					
$1,587.92 \times .05041431 \times .00928543 =$ $80.13 - 14.74 = 65.39 \text{ SIT}$ $1,587.92 - 65.39 = 1,522.53 \times 46\% =$ $700.36 \text{ FIT.} \quad 70\% = 609.01$					

MISSOURI-AMERICAN WATER COMPANY
ST. JOSEPH DISTRICT-680

COMPANY

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JOURNAL ENTRY

Recalculated FIT at 40%

J.E. NO.	DATE		DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
601	MAY 85		680	410.16	11 083.14	9,637.52
			680	410.11	1 034.77	
			680	283.16		9,637.52
			680	283.76		11 083.14
						1 034.77
		REC. DEF. TAXES - M238				
		DO NOT PUNCH				
		TO RECORD DEFERRED SIT + FIT ON MAY				
		CHARGES TO ST. JOSEPH W.O. M-238.				
		<u>SIT</u>				
		25,128.56 x .05046431 = 1268.10				
		25,128.56 x .00928543 = (233.33)				
		<u>1034.77</u>				
		<u>FIT</u>				
		25128.56 - 1034.77 = 24093.79				
		x <u>.40</u>				
		<u>11083.14</u> 9,637.52				

MISSOURI-AMERICAN WATER COMPANY
GENERAL CORPORATE ACCOUNT-683

COMPANY

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JOURNAL ENTRY

Recalculated at 40% FIT

J.E. NO.	DATE		DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
600	JUN 85			410.11	1246.00	
				283.76		1246.00
		Record Ref SIT				
601	JUN 85			410.16	11605.21 13346.00	
				283.76		11605.21 13346.00
		Record Ref FIT				
		De Not Punched				
		In record Refund Stat + Federal income taxes related to change of 30259.02 changed to M238 as follows:				
		SIT		$30259.02 \times .0564631 = 1527.00$		
				$30259.02 \times .00928543 = 280.97$		
				$1527.00 - 280.97 = 1246.00$		
					$40\% = 11,605.21$	
		FIT		$30259.02 - 1246.00 = 29013.02 \times 4\% = 11605.21$		

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St. Joseph - 680
COMPANY

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JOURNAL ENTRY

Recalculated 1st 40% FIT

J.E. NO.	DATE		DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
700	JUL 85			410.11	752.00	
				283.76		752.00
		Record Def SIT				
					7001.55	
701	JUL 85			410.16	8052.00	7001.55
				283.16		8052.00
		Record Def FIT				
DO NOT PUNCH						
To record deferred state and federal income taxes on July's deferred tax & painting expenses						
SIT: \$18,255.87 x .05046431 = 921.27						
\$18,255.87 x .00928543 = 169.51						
921.27 - 169.51 = <u>752.00</u>						
40% = 7001.55						
FIT: \$18,255.87 - 752.00 = 17,503.87 x $\frac{40}{100}$ = <u>7,001.55</u>						

680 - St. Joseph District

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MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support investment
tax credit information used on the income
statement.*

Missouri American Water Company
Investment Tax Credit
1985 at 1987 Rates

Joplin St. Joseph
District District Total

Elimination of Deferred FIT-
Investment Tax Credit

Per Books 1985	\$ 33336	\$ 44348	\$ 77684
Adjustment	(33336)	(44348)	(77684)
Pro Forma Present Rates	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Adjustment for Amortization
of Current Tax = TC

Per Books 1985	\$ (9026)	\$ (1792)	\$ (26955)
Eliminate Amount of Current Tax = TC	379	964	1343
Pro Forma Present Rates	<u>\$ (8647)</u>	<u>\$ (16965)</u>	<u>\$ (25612)</u>

JOURNAL ENTRY

J.E. NO.	DATE	DO NOT PUNCH	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
255.11-412.21	3% YRS	1962-1970				
		570 X 1/2 =	48			
255.12-412.22	4% YRS	1971-1975				
		582 X 1/2 =	49			
255.13-412.23	10% YRS					
	1975	243 X 1/2 =	21			
	1976	209 X 1/2 =	17			
	1977	259 X 1/2 =	22			
	1978	334 X 1/2 =	28			
	1979	591 X 1/2 =	49			
	1980	1457 X 1/2 =	121			
	1981	191 X 1/2 =	16			
	1982	1252 X 1/2 =	104			
	1983	659 X 1/2 =	55			
	1984	2262 X 1/2 =	188			
		7457	621			
		CUR YR ITC	life	ANNUAL AMORT.	CURRENT AMORT.	
YTD AMT. (per Bit-Facs)	33,336	÷	44 yrs =	758 X 1 =	(379)	
Less Amt. prev. booked	* 35,280			**	240	
Amt. this entry		8056			139	
* Balance of acct. 4/12/11 Prev. month ** Balance of prev. month 9/12/11 less 9/12/12						
Recapture						
Amort. of Recapture						

Toplin District
COMPANY

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ST. JOSEPH DISTRICT - 680

COMPANY

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MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*This worksheet supports new tax
law change addbacks used on the
tax calculation.*

Missouri-American Water Company
Add Backs for the Tax Calculation
Resulting from New Tax Law Changes

Amount

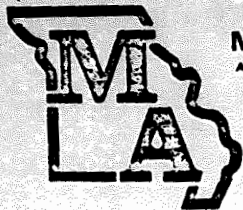
1985 Bad Debt Expense - Reserve Method \$ 57413 \$
1985 Bad Debt Expense - Write-off Method 59370 (1957)

1/4 of Bad Debt Reserve @ 12/31/85 \$50,651 ÷ 4 12663

New Advances for Construction in 1985 159249

1985 Business Meals and Entertainment Expenses
subject to 80% deductibility ($69,219 \times 20\%$) 13844

Total New Tax Law Change Add Backs \$ 171799



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support information
used on the rate base.*

Missouri-American Life Company
Provision for Deferred Fees - Accelerated Repayment
Recalculation of 1985 Deferrals Using 1987 FIT Rates

	<u>Accum.</u> <u>Def.</u> <u>SIT</u>	<u>Accum.</u> <u>Def.</u> <u>FIT</u>	<u>Total</u>
--	--	--	--------------

Joplin District

Provision @ 12/31/84	\$ 10586	\$ 106332	\$ 116918
1985 Provision (Def. Fee W/PS)	6714	62528	69242
Provision @ 12/31/85	\$ 17300	\$ 168860	\$ 186160

St. Joseph District

Provision @ 12/31/84	\$ 17078	\$ 168409	\$ 185487
1985 Provision (Def. Fee W/PS)	10330	96208	106538
Provision @ 12/31/85	\$ 27408	\$ 264617	\$ 292025

Missouri-American Total

Provision @ 12/31/84	\$ 27664	\$ 274741	\$ 302405
1985 Provision (Def. Fee W/PS)	17044	158736	175780
Provision @ 12/31/85	\$ 44708	\$ 433477	\$ 478185

Missouri-American Water Company
Materials & Supplies

January, 1985	\$200,690
February	202,362
March	219,967
April	223,728
May	196,638
June	232,476
July	237,603
August	233,775
September	235,282
October	200,385
November	199,160
December	216,740
Total	<u>\$2,598,806</u>
12-Month Average	<u>\$216,567</u>
Use	<u>\$217,000</u>

Statement of Income Per Books and Pro Forma
for the Twelve Months Ended December 31, 1985
using 1988 Federal Income Tax Rates

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. A0-87-48

Year Ended December 31, 1985

Page 1 of 6

Line No.	Twelve Months Ended Dec. 31, 1985 (Col. 1)	Adjustments (Col. 2)	Pro Forma Present Rates (Col. 3)	Adjustments (Col. 4)	Pro Forma Proposed Rates (Col. 5)
5	Operating Revenues	\$ 0	\$9,564,210	(\$363,579)	\$9,200,631
6	Operating Expenses				
7	Operation and maintenance expenses		4,814,306		4,814,306
8	Depreciation expense		533,418		533,418
9	Amortization of limited term utility plant		2,446		2,446
10	Taxes other than income:				
11	Real and personal property taxes		266,689		266,689
12	Public Service Commission fee		16,559		16,559
13	Other general taxes		7,408		7,408
14	Federal unemployment tax		4,445		4,445
15	Federal insurance contributions act tax		140,142		140,142
16	State unemployment tax		5,065		5,065
17	Income taxes:				
18	Federal income tax	27,835	797,713	(119,467)	678,246
19	State income tax	16,268	81,500	(12,203)	69,295
20	Deferred FIT - accelerated depreciation	(52,370)	134,925		134,925
21	Deferred SIT - accelerated depreciation	(442)	17,044		17,044
22	Deferred FIT - other	(8,259)	(946)		(946)
23	Deferred SIT - other	0	412		412
24	Deferred FIT - investment tax credit	(77,684)	0		0
25	Amortization of investment tax credit	1,343	(25,612)		(25,612)
26	Total operating expenses	(93,309)	6,795,514	(131,672)	6,663,842
27	Utility Operating Income	\$93,309	\$2,768,696	(\$231,907)	\$2,536,789

Calculation of Federal and State Income Taxes
at Present Rates and at Proposed Rates
using 1988 Federal Income Tax Rates

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. A0-87-48

Year Ended December 31, 1985

Page 2 of 6

Line No.		At Present Rates		At Proposed Rates	
		Federal	State	Federal	State
1					
2					
3	Utility Operating Income	\$2,768,696		\$2,536,789	\$2,536,789
4	Deduct: Interest costs	958,444		958,444	958,444
5	Add: Federal income tax	797,713		678,246	
6	State income tax		81,500		69,295
7	Depreciation book basis	533,418		533,418	533,418
8	Amortization - book basis	2,446		2,446	2,446
9	Deferred federal income tax - accelerated depreciation	134,925		134,925	134,925
10	Deferred state income tax - accelerated depreciation	17,044		17,044	17,044
11	Deferred federal income tax - other	(946)		(946)	(946)
12	Deferred state income tax - other	412		412	412
13	Deferred federal income tax - investment tax credit	0		0	0
14	Amortization of investment tax credit	(25,612)		(25,612)	(25,612)
15	New tax law changes (See workpapers)	171,799		171,799	171,799
16	Total add backs	1,631,199		1,511,732	
17	Deduct: Depreciation-tax basis	1,089,664		1,089,664	1,089,664
18	Balance	2,351,787		2,000,413	1,391,462
19	Less: Preferred dividend paid credit	5,571		5,571	5,571
20	Taxable Income	2,346,216		1,994,842	1,385,891
21	-----Tax Computation-----				
22	State income tax @ 5%		\$81,500		\$69,295
23	Federal income tax @ 34%		*****		*****
24	Less: Investment tax credit		0		0
25	Net federal income tax	797,713		678,246	
		\$797,713		\$678,246	
		*****		*****	

Original Cost Rate Base
using 1988 Federal Income Tax Rates

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. A0-87-48

Year Ended December 31, 1985

Page 3 of 6

Line No.		Per Books Dec. 31, 1985	Adjustments	Pro Forma Rate Base
1				
2				
3	Utility plant in service	\$31,336,844	\$	\$31,336,844
4	Less: Accum. prov. for depreciation and amortization	6,971,379		6,971,379
5	Net utility plant	24,365,465	0	24,365,465
6	Deduct:			
7	Accumulated deferred investment tax credit	101,245		101,245
8	Customer advances	748,267		748,267
9	Contributions in aid of construction	794,671		794,671
10	Deferred taxes - accelerated depreciation	507,186	(52,812)	454,374
11	Total deductions	2,151,369	(52,812)	2,098,557
12	Add:			
13	Cash working capital	390,657		390,657
14	Materials and supplies	217,000		217,000
15	Total additions	607,657	0	607,657
16	Original Cost Rate Base	\$22,821,753	\$52,812	\$22,874,565
		=====	=====	=====

17 * Cash working capital granted in Company's last rate Order.

Pro Forma Rate of Return Summary

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. AO-87-48

Year Ended December 31, 1985

Page 4 of 6

Line No. ----	Class of Capital -----	Amount -----	Percent of Total -----	Cost Percentage -----	Cost of Capital -----
1					
2					
3	Long-term debt	\$11,053,553	47.47%	8.82%	4.19%
4	Notes payable	2,787,000	11.97%	9.50%	1.14%
5	Preferred equity	392,261	1.69%	4.72%	0.08%
6	Common equity	9,051,639	38.87%	14.60%	5.68%
7	Total capitalization	\$23,284,453	100.00%		11.09%
		-----	-----	-----	-----
		-----	-----	-----	-----

Missouri Public Service Commission

Missouri-American Water Company

Case No. 90-87-48

Year Ended December 31, 1985

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[illegible]

Pro Forma Cost of Preferred Stock

Missouri Public Service Commission

Company Missouri-American Water Company

Case No. A0-87-48

Year Ended December 31, 1985

Page 6 of 6

Line No.	Dividend Rate Type, Par Value	Date Issued	Principal Amount	Face Amount Outstanding	Unamortized Issue Expense	Carrying Value	Annual Dividends	Annual Amortization	Total Annual Cost
	(Col.1)	(Col.2)	(Col.3)	(Col.4)	(Col.5)	(Col.6)	(Col.7)	(Col.8)	(Col.9)
1									
2									
3									
4									
5	Cumulative Preferred Stock								
6	4.65% Series \$100		\$230,000	\$210,000	\$3,995	\$206,005	\$9,765	\$394	\$10,159
7	Par Value	1/1/84							
8	4 1/4% Series \$100		700,000	190,000	3,744	186,256	8,075	266	8,341
9	Par Value	12/28/49							
10	Total		\$930,000	\$400,000	\$7,739	\$392,261	\$17,840	\$660	\$18,500
11	Cost of preferred stock								
12	(Col.9/Col.6)								4.72%



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support various
per book rate base, capital, and income
statement items.*

MISSOURI PUBLIC SERVICE COMMISSION

Page 1

TOTAL COMPANY
FINANCIAL DATA

COMPANY NUMBER 4164
COMPANY NAME: _____

December 1985
(Month-Year)

Monthly Financial Report

Missouri-American Water Co.

Line No.		Amount (in Dollars)	Amount (in Dollars)
	<u>Total Company Rate Base</u>		
101	Total Plant in Service (1)		31,336,844
102	Less: Depreciation Reserve	6,971,379	
103	Net Plant in Service		24,365,465
104	Add: Materials and Supplies	216,740	
105	Less: Advances for Construction	748,267	
106	Less: Contributions in Aid of Construction	794,671	
107	Less: Deferred Income Taxes	712,626	
108	Less: Unamortized Investment Tax Credits Prior to 1971	101,245	
109	Total Company Rate Base		22,255,396
110	Construction Work in Progress	7,867	
111	Total Including CWIP		22,263,263
	<u>Total Company Capitalization</u>		
112	Common Stock Equity, Net	9,043,899	
113	Preferred Stock (Par or stated value outstanding)	400,000	
114	Long-term Debt (including current maturities)	11,144,000	
115	Sub-Total		20,587,899
116	Short-term Debt	2,787,000	
117	Total		23,374,899

- (1) Includes completed construction not classified.
(2) All Company's operations are Missouri jurisdictional.

MISSOURI PUBLIC SERVICE COMMISSION

Page 2

TOTAL COMPANY
FINANCIAL DATA

COMPANY NUMBER 4164
COMPANY NAME: _____

December 1985
(Month-Year)

Monthly Financial Report

Missouri-American Water Co.

Line No.		Amount (in Dollars)	Amount (in Dollars)
	<u>Total Company Operating Statement</u>		
201	Operating Revenues		9,564,210
202	Operation Expenses	4,132,477	
203	Maintenance Expenses	681,829	
204	Depreciation & Amortization Expenses	535,864	
205	Taxes, Other Than Income Taxes	440,308	
206	Income Taxes - Current, Federal & State	835,110	
207	Provision for Deferred Income Taxes, Net	290,190	
208	Investment Tax Credit Adj., Net	(26,955)	
209	Total Operating Expenses		6,888,823
210	Net Operating Income		2,675,387
211	Non-Operating Income/Expenses, Net (1)	(11,618)	
212	Gross Income		2,663,769
213	Interest on Long-Term Debt	982,612	
214	Amortization Debt Discount/Premium, Net	13,306	
215	Interest on Short-term Debt	180,518	
216	Other Interest	(3)	
217	Gross Interest Expense		1,176,433
	Allowance for Funds Used During Construction - Credit: (2)		
218	Equity Component		
219	Debt Component		
220	Total AFUDC		
221	Net Interest Expense		1,176,433
222	Extraordinary Items, Net (1)		
223	Net Income		1,487,336
224	Preferred Dividend Requirements	18,882	
225	Amount Available for Common Equity		1,468,454
226	Twelve Months - Ended Common Dividend Declarations	1,160,810	

- (1) () Denotes loss or decrease
 (2) Present detail where applicable.
 Prior to the Twelve Months-Ended
 January 31, 1977, show Total AFUDC only.
 (3) All Company's operations are Missouri jurisdictional.



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support deferred
taxes on the income statement and tax
deductions used on the tax computation.*

Missouri-American Water Company
Deferred Taxes - Accelerated Depreciation
Per Books 1985 at 1988 Rates

Joplin District St Joseph District

Total

New Tax Law - 1985 at 1988 Rates

Deferred FIT @ 34%
 Deferred SIT

\$ 53148	\$ 81777	\$ 134925
6714	10330	17044
<u>\$ 59862</u>	<u>\$ 92107</u>	<u>\$ 151969</u>

Tax Depreciation Prior to 1981
 1981-1985

\$ 221904	\$ 321274	\$ 543178
214635	331851	546486
<u>\$ 436539</u>	<u>\$ 653125</u>	<u>\$ 1089664</u>

Old Tax Law - 1985 at Old Tax Rates

Deferred FIT @ 46%
 Deferred SIT

\$ 73428	\$ 113867	\$ 187295
6855	10631	17486
<u>\$ 80283</u>	<u>\$ 124498</u>	<u>\$ 204781</u>

Tax Depreciation: Prior to 1981
 1981-1985

\$ 221904	\$ 321274	\$ 543178
217220	338696	555914
<u>\$ 439124</u>	<u>\$ 659970</u>	<u>\$ 1099094</u>

At 1980 Rates

TAX BASE PROPERTY	RATE	NORMAL DEPRECIATION
-------------------------	------	------------------------

1981 ADDITIONS	112905	1.77%	1998
1982 ADDITIONS	544953	2.71%	14768
1983 ADDITIONS	259521	2.72%	7059
1984 ADDITIONS	951464	2.42%	23025
1985 ADDITIONS	420,213 343724	1.13%	2004 4748

~~50734~~ 51,598

— 127 —

Near
Ex. Law 467

24631 217216

51598 50734

EXCESS 163033 166482

STATE* 6,714 6855

EXCESS 156319 159627

FEDERAL 53,148 73428

DECEMBER JOURNAL ENTRY

STATE FEDERAL

ANNUAL PROVISION	6855	73428
------------------	------	-------

PROVISION TO DATE	6595	63487
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DECEMBER ENTRY	260	9941
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XX

At 1988 Rates

ST. JOSEPH DISTRICT

DEFERRED ACCELERATED DEPRECIATION COMPUTATION
DECEMBER ONLY

	TAX BASE PROPERTY	RATE	NORMAL DEPRECIATION	*
NORMAL DEPRECIATION		<u>12d</u> <u>Rate</u>	<u>5.11</u> <u>4.725</u>	<u>AS</u> <u>REV</u>
1981 ADDITIONS	324807	1.12%	2.21%	7178 6,943
1982 ADDITIONS	483992	2.61%	3.00%	14520 14,48
1983 ADDITIONS	601138	2.44%	2.34%	14067 13,16
1984 ADDITIONS	1587356	2.36%	2.37%	37620 36,390
1985 ADDITIONS	473,923 451212	1.88%	2.14%	9658 9,362 9,833
NORMAL DEPRECIATION				83041 83,359 80,830
DEFERRED CALCULATION				349 New Full 46% AS REV
ACCELERATED DEPRECIATION (81 & subsequent less easements)				351,681 338,526 338,526
NORMAL DEPRECIATION (as calculated)				80,830 80,830 80,359
EXCESS				250,851 255,485 258,167
STATE*				10,330 10,521 10,621
EXCESS				240,521 244,964 247,546
FEDERAL				81,777 112,683 113,747

* THE EFFECTIVE TAX RATES USED IN THE STATE
CALCULATION: STATE .0504643
FEDERAL .00928543

DECEMBER JOURNAL ENTRY

	STATE	FEDERAL
ANNUAL PROVISION	10521 10,631	112583 113,667
PROVISION TO DATE	11170	107520
DECEMBER ENTRY	-649 -539	5163 6,347

XX

* Per Books as revised for new depr. rates eff. 4-1-85
* 3 Mths at 1.88% - 9 Mths at 2.14%. $473,923 \times 1.88\% / 4 = 2,227$
 $473,923 \times 2.14\% \times 3/4 = 7,606$. $2,227 + 7,606 = 9,833$

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 RUN TIME 15.15.39

MISSOURI-AMERICAN 683
 TAX LEDGER REPORT
 JAN, 1985 THRU DEC, 1985

PAGE 1
 BOOK 2
 FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	M	Y	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
JOPLIN DISTRICT PROPERTY CATEGORY	320 BLD												
81-BLDG1 JP BUILDINGS	11/81	ACR	180	I	0	0		5,537.00	.00	5,537.00	442.96	2,214.80	3,322.20
82-BLDG2 JP BUILDINGS	07/82	ACR	180	I	0	0		1,095.00	.00	1,095.00	98.55	393.78	701.22
82-BLDG1 JP BUILDINGS	03/82	ACR	180	I	0	0		42,226.00	.00	42,226.00	3,378.08	16,045.98	26,180.12
82-BLDG2 JP BUILDINGS	12/82	ACR	180	I	0	0		37,029.00	.00	37,029.00	3,332.61	11,949.28	25,179.72
82-BLDG3 JP BUILDINGS	11/82	SLN	199	D	0	0		4,393.00	.00	4,393.00	264.92	838.72	3,554.28
83-BLDG2 JP BUILDINGS	07/83	ACR	180	I	0	0		14,224.00	.00	14,224.00	1,422.40	3,840.48	10,383.52
84-BLDG3 JP BUILDINGS	07/84	ACR	216	M	0	0		58,780.00	.00	58,780.00	5,290.20	8,917.00	49,863.00
85-BLDG3 JP BUILDINGS	06/85	ACR	216	M	0	0		12,886.00	.00	12,886.00	1,444.39 $12,886.00 \times 1.59\% = 204.89$	644.30	12,241.70
PROPERTY CATEGORY	8LD		TOTALS					176,170.00	.00	176,170.00	14,875.02 $14,134.61$	44,644.24	131,525.76
PROPERTY CATEGORY	CAR												
82--CARS JP CARS	07/82	ACR	036	A	1	P		7,521.00	.00	7,521.00	.00	7,521.00	.00
83--CARS JP CARS	07/83	ACR	036	A	3	P		17,917.00	537.50	17,379.50	6,430.41	17,379.50	.00
85--CARS JP CARS	02/85	ACR	036	F	3	P		26,081.00	762.43	25,298.57	6,324.64 $25,298.57 \times 2.5\% = 632.46$	6,324.64	18,973.93
PROPERTY CATEGORY	CAR		TOTALS					51,519.00	1,319.93	50,199.07	12,755.05 $11,646.61$	31,225.14	18,973.93

(A) New Rate for Structures (71 Pct. Net) 3.1746% (100 ÷ 31.5 Yrs). Bld. for 1985 is 1.5873%. Rounded to 1.59%.

(B) New Rate for Autos - 5% Life and 2007 D.D.B. method. First yr. manual rate would be (100 ÷ 5% - 20% - 1/2 R.R. - 2007 D.D.B. rate) would be 20%.

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BOOK 2

FAS REL 9.2

TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	M Y C	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
1/2 ITC												
JOPLIN DISTRICT PROPERTY CATEGORY	320 HTK											
84H-TRKS JP HEAVY TRUCKS	07/84	ACR	060	A	3	6	19,887.00	994.50	18,892.50	4,156.35	6,990.23	11,902.27
PROPERTY CATEGORY	HTK	TOTALS					19,887.00	994.50	18,892.50	4,156.35	6,990.23	11,902.27
PROPERTY CATEGORY	INT											
84-INTAN JP INTANGIBLES	07/84	ACR	180	A	0	0	18,152.00	.00	18,152.00	.00	.00	18,152.00
PROPERTY CATEGORY	INT	TOTALS					18,152.00	.00	18,152.00	.00	.00	18,152.00
PROPERTY CATEGORY	LAN											
81-LANDON JP LAND	07/81	SLN	120	A	0	0	7.00	.00	7.00	.00	.00	7.00
PROPERTY CATEGORY	LAN	TOTALS					7.00	.00	7.00	.00	.00	7.00
PROPERTY CATEGORY	LTK											
82LT-TRK JP LIGHT TRUCKS	07/82	ACR	036	A	1	P	14,635.00	.00	14,635.00	.00	14,635.00	.00
83LT-TRK JP LIGHT TRUCKS	07/83	ACR	036	A	3	P	17,003.00	510.00	16,493.00	6,102.41	16,493.00	.00
84LT-TRK JP LIGHT TRUCKS	07/84	ACR	036	A	3	P	28,115.00	843.50	27,271.50	10,363.17	17,181.05	10,090.45
85LT-TRK JP LIGHT TRUCKS	07/85	ACR	036	F	3	P	8,098.00	242.94	7,855.06	1,963.76	1,963.76	5,891.30
PROPERTY CATEGORY	LTK	TOTALS					67,851.00	1,596.44	66,254.56	18,429.34	50,272.81	15,981.75

© Normal 1st % Rate (100 ÷ 5% = 20% - 1/2 1st % 10%) - 200% 00.B. R.L. is 10% x 2 = 20%

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TAX LEDGER REPORT
JAN, 1995 THRU DEC, 1985

BOOK 2

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPK METH	EST LIFE	ITC C	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
<i>1/2 ITC</i>											
JOPLIN DISTRICT PROPERTY CATEGORY	320 OEQ										
82-OFEQP JP OFFICE EQUIPMENT	07/82	ACR	060	A	1	6	.00	1,996.00	419.16	1,576.84	419.16
83-OFEQP JP OFFICE EQUIPMENT	07/83	ACR	060	A	3	6	826.50	15,704.50	3,297.94	9,108.61	6,595.89
84-OFEQP JP OFFICE EQUIPMENT	07/84	ACR	060	A	3	6	663.50	12,608.50	2,773.87	4,665.15	7,943.35
85-OFEQP JP OFFICE EQUIPMENT	02/85	ACR	060	F	3	6	660.30	13,266.00	1,891.85	1,891.85	10,663.45
<i>1% 200% DDB</i>											
PROPERTY CATEGORY	OEQ	TOTALS				45,005.00	2,150.30	42,854.70	8,372.82	17,232.45	25,622.25
<i>✓</i>											
PROPERTY CATEGORY	JFF										
83-OFEQP JP OFFICE FURN & FIXT	07/83	ACR	060	A	3	6	123.50	2,342.50	491.92	1,358.65	993.95
84-OFEQP JP OFFICE FURN & FIXT	07/84	ACR	060	A	3	6	55.50	1,050.50	231.11	388.69	661.81
85-OFEQP JP OFFICE FURN & FIXT	12/85	ACR	060	F	3	6	.00	5,301.00	755.39	755.39	4,280.56
<i>1% 200% DDB</i>											
PROPERTY CATEGORY	OFF	TOTALS				8,873.00	444.05	8,428.95	1,478.42	2,502.73	5,926.22
<i>✓</i>											
PROPERTY CATEGORY	RTW										
82-EASEM JP RIGHTS OF WAY	07/82	SLA	180	A	0	0	.00	37.00	2.47	8.62	28.38
84RTSWAY JP RIGHTS OF WAY	07/84	ACR	180	A	0	0	.00	19.00	1.90	2.85	16.15
PROPERTY CATEGORY	RTW	TOTALS				56.00	.00	56.00	4.37	11.47	44.53

① Annual 1st % Rate (100 ÷ 7 % = 14.286% 1st % 7.143%) 2nd % DDB Rate = 7.143% x 2 = 14.286% Annual 1st 14.29%

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TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

BOOK 2

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y C	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
<i>1/2 ITC</i>												
JOPLIN DISTRICT PROPERTY CATEGORY	320 SOF											
84-SOFTW JP SOFTWARE	07/84	SL	060	A	0	0	300.00	.00	300.00	60.00	90.00	210.00
85-SOFTW JP SOFTWARE	12/85	SL	060	A	0	0	475.00	.00	475.00	47.50	110.00	427.50
PROPERTY CATEGORY	SOF						775.00	.00	775.00	107.50	137.50	637.50
PROPERTY CATEGORY	WTR											
8142300N JP WATER PROPERTY	07/81	ACR	180	A	1	6	107,368.00	.00	107,368.00	7,515.76	41,873.52	65,494.48
82-WATER JP WATER PROPERTY	07/82	ACR	180	A	1	6	436,058.00	.00	436,058.00	34,884.64	139,538.56	296,519.44
83-WATER JP WATER PROPERTY	07/83	ACR	180	A	3	6	203,556.00	10,178.05	193,377.95	17,404.02	46,919.61	146,458.34
84-WATER JP WATER PROPERTY	07/84	ACR	180	A	3	6	876,380.00	43,818.90	832,561.10	83,256.12	124,884.17	707,676.93
85-WATER JP WATER PROPERTY	01/85	ACR	180	F	3	6	351,162.00	14,777.10	336,384.90	13,981.24	13,981.24	265,643.66
PROPERTY CATEGORY	WTR						TOTALS	68,714.05	1,868,989.95	157,041.78	367,197.10	1,481,792.85
JOPLIN DISTRICT	320						TOTALS	75,219.27	2,230,779.73	217,219.65	520,213.67	1,710,566.06

Joplin District

1981-1985 Total Depreciation

Less: Excessments

Accel. Depr. used to
Deferred Taxes

Old Total

\$ 217,220

4

\$ 217,216

New Total

\$ 214,635

4

\$ 214,631

ⓔ Normal 1st 1/2% Rate (100 ÷ 20% = 5% - 1/2 1st 1/2% 2.5%) - 150% DDB - 2.5% x 15% = 3.75%

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MISSOURI-AMERICAN 683

TAX LEDGER REPORT
 JAN, 1985 THRU DEC, 1985

BOOK 2

FAS REL 9.2

PAGE 5

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	FST LIFE	M	Y	ITC C	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
<i>1/2 ITC</i>													
ST. JOSEPH DISTRICT 680 PROPERTY CATEGORY BLD													
81BLDG1N SJ BUILDINGS	06/81	ACR	180	I	0	0	0	99.00	.00	99.00	6.93	42.57	56.43
81BLDG2N SJ BUILDINGS	09/81	ACR	180	I	0	0	0	2,023.00	.00	2,023.00	161.84	849.66	1,173.34
81BLDG3N SJ BUILDINGS	05/81	ACR	180	I	0	0	0	564.00	.00	564.00	39.48	248.16	315.84
81BLDG4N SJ BUILDINGS	12/81	ACR	180	I	0	0	0	122.00	.00	122.00	9.76	48.80	73.20
82-BLDGS SJ BUILDINGS	07/82	ACR	180	I	0	0	0	10,415.00	.00	10,415.00	937.35	3,749.40	6,665.60
83-BLDGS SJ BUILDINGS	07/83	ACR	180	I	0	0	0	20,495.00	.00	20,495.00	2,049.50	5,533.65	14,961.35
84-BLDGS SJ BUILDINGS	07/84	ACP	216	M	0	0	0	1,889.00	.00	1,889.00	170.01	283.35	1,605.65
84-WTSTR SJ BUILDINGS	07/84	ACP	180	A	3	6	6	55,076.00	2,754.00	52,322.00	5,232.20	7,848.30	44,473.70
85-BLDGS SJ BUILDINGS	03/85	ACR	216	M	0	0	0	6,107.00	.00	6,107.00	448.56	971.00	5,618.44
85-WTSTR SJ BUILDINGS	07/85	ACR	216	M	3	6	6	2,369.00	115.75	2,253.25	90.02	276.70	2,160.53
PROPERTY CATEGORY BLD	TOTALS							99,159.00	2,872.45	96,286.55	9,185.65	27,112.40	77,104.08
PROPERTY CATEGORY CAR													
83-CARS SJ CARS	07/83	ACR	036	A	3	P	P	10,774.00	323.00	10,451.00	3,866.87	10,451.00	.00

A) 1/2 X Bld in 1985 (100 ÷ 31.5%) = 3.1746% 1/2 Bld in 1.5873% - Rounded to 1.59%

REQUEST NO. 017
REPORT NO. 270
RUN DATE 02/05/86
RUN TIME 15.15.39

TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

BOOK 2

FAS REL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	M	Y	ITC	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NFT TAX VALUF
<i>1/2 ITC</i>													
ST. JOSEPH DISTRICT PROPERTY CATEGORY	680 CAR												
84--CARS SJ	07/84	ACR	036	A	3	P		21,763.00	653.00	21,110.00	8,021.80	13,299.30	7,810.70
85--CARS SJ	02/85	ACR	036	F	3	P		37,870.00	1,136.10	36,733.90	9,193.47	27,550.43	
<i>54.200% D.O.R.</i>													
PROPERTY CATEGORY	CAR		TOTALS					70,407.00	2,112.10	68,294.90	21,072.14	32,933.77	35,361.13
<i>19,462.67</i>													
PROPERTY CATEGORY	HTK												
95H--TRKS SJ	03/85	ACR	060	F	3	6		15,312.00	765.60	15,312.00	2,181.96	2,181.96	12,364.44
<i>HEAVY TRUCKS 74.200% D.O.R.</i>													
PROPERTY CATEGORY	HTK		TOTALS					15,312.00	765.60	14,546.40	2,181.96	2,181.96	12,364.44
PROPERTY CATEGORY	INT												
84--INTAN SJ	07/84	ACR	180	A	0	0		22,725.00	.00	22,725.00	.00	.00	22,725.00
<i>INTANGIBLES</i>													
PROPERTY CATEGORY	INT		TOTALS					22,725.00	.00	22,725.00	.00	.00	22,725.00
PROPERTY CATEGORY	LTK												
810024IN SJ	07/81	ACR	036	A	1	P		85.00	.00	85.00	.00	85.00	.00
<i>LIGHT TRUCKS</i>													
82LT--TRK SJ	07/82	ACR	036	A	1	P		16,675.00	.00	16,675.00	.00	16,675.00	.00
<i>LIGHT TRUCKS</i>													
83LT--TRK SJ	07/83	ACR	036	A	3	P		31,203.00	936.00	30,267.00	11,198.79	30,267.00	.00
<i>LIGHT TRUCKS</i>													

B) Normal Rate 1st Year - 10.00% x 2 = 20%

C) Normal Rate 1st Year - 7.143% x 2 = 14.286% - Rounded to 14.29%

REQUEST NO. 017 MISSOURI-AMERICAN 683
 REPORT NO. 270
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TAX LEDGER REPORT
 JAN, 1985 THRU DEC, 1985

BOOK 2

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FAS PEL 9.2

ITEM UNIT NUMH/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	M	Y	ITC	ITC	PATE	BASIS AMOUNT	TAX REDUCTION	BASIS RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
ST. JOSEPH DISTRICT 690 PROPERTY CATEGORY LTK														
84LT-TPK SJ LIGHT TRUCKS	07/84	ACR	036	A	3	P			32,834.00	985.00	31,849.00	12,102.62	20,064.87	11,784.13
85LI-TRK SJ LIGHT TRUCKS	04/85	ACP	036	F	3	P			18,197.00	545.91	12,117.00	4,412.77	4,412.77	13,238.32
PROPERTY CATEGORY LTK TOTALS														
									98,994.00	2,466.91	96,527.09	27,714.18	26,940.81	25,022.45
PROPERTY CATEGORY DEQ														
8100130N SJ OFFICE EQUIPMENT	07/81	ACR	060	A	1	6			1,363.00	.00	1,363.00	286.23	1,363.00	.00
82-OFEQP SJ OFFICE EQUIPMENT	07/82	ACR	060	A	1	6			1,865.00	.00	1,865.00	391.65	1,473.35	391.65
83-MFEQP SJ OFFICE EQUIPMENT	07/83	ACR	060	A	3	6			2,553.00	127.50	2,425.50	509.35	1,406.79	1,019.71
84-OFEQP SJ OFFICE EQUIPMENT	07/84	ACR	060	A	3	6			13,101.00	655.00	12,446.00	2,738.12	4,605.02	7,840.98
85-OFEQP SJ OFFICE EQUIPMENT	10/85	ACR	060	F	3	6			.00	.00	.00	.00	.00	.00
PROPERTY CATEGORY DEQ TOTALS														
									18,882.00	782.50	18,099.50	3,925.35	8,848.16	9,251.34
PROPERTY CATEGORY OFF														
8100110N SJ OFFICE FURN & FIX	07/81	ACR	060	A	1	6			1,719.00	.00	1,719.00	360.99	1,719.00	.00
82-OFFCF SJ OFFICE FURN & FIX	07/82	ACR	060	A	1	6			2,751.00	.00	2,751.00	577.71	2,173.29	577.71

1/2 ITC

① Annual Rate 15% - 16% x 2 = 20%

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REPORT NO. 270
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MISSOURI-AMERICAN 683

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FAS PEL 9.2

ITEM UNIT NUMB/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
ST. JOSEPH DISTRICT 680 PROPERTY CATEGORY OFF												
83-OFF&F SJ OFFICE FURN & FIXT	07/83	ACR	060	A	3	6	3,214.00	160.50	3,053.50	641.23	1,771.03	1,282.47
84-OFF&F SJ OFFICE FURN & FIXT	07/84	ACR	060	A	3	6	4,371.00	218.50	4,152.50	913.55	1,536.43	2,616.07
85-OFF&F SJ OFFICE FURN & FIXT	01/85	ACR	060	F	3	6	2,089.00	104.45	2,087.00 1,484.55 X 14.29% = 208.52 F	207.08	297.68	1,686.37
PROPERTY CATEGORY OFF	TOTALS						14,144.00	483.45	13,660.55	2,792.16	7,497.43	6,163.12
PROPERTY CATEGORY PTW												
82-EASEM SJ RIGHTS OF WAY	07/82	SLA	180	A	0	0	374.00	.00	374.00	24.93	87.25	286.75
PROPERTY CATEGORY RTW	TOTALS						374.00	.00	374.00	24.93	87.25	286.75
PROPERTY CATEGORY SOF												
84-SOFTW SJ SOFTWARE	07/84	SL	060	A	0	0	300.00	.00	300.00	60.00	90.00	210.00
85-SOFTW SJ SOFTWARE	07/85	SL	060	A	0	0	1,375.00	.00	1,375.00	137.50	137.50	1,237.50
PROPERTY CATEGORY SOF	TOTALS						1,675.00	.00	1,675.00	197.50	227.50	1,447.50
PROPERTY CATEGORY WTR												
8149300N SJ WATER PROPERTY	07/81	ACP	180	A	1	6	318,832.00	.00	318,832.00	22,318.24	124,344.48	194,487.52

(E) Normal Rte 1st % - 7.143% x 2 = 14.286% R.L. 6. 14.29%
(F) Still use SL Rte would not charge.

REQUEST NO. 017
REPORT NO. 210
RUN DATE 02/05/86
RUN TIME 15.15.39

MISSOURI-AMERICAN 683

TAX LEDGER REPORT
JAN, 1985 THRU DEC, 1985

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FAS PFL 9.2

ITEM UNIT NUMR/ DESCRIPTION	ENT SERV	DEPR METH	EST LIFE	Y	ITC CODE	ITC RATE	BASIS AMOUNT	TAX REDUCTION	BASIS FOR COST RECOVERY	CURRENT PERIOD DEPRECIATION	ACCUMULATED DEPRECIATION	NET TAX VALUE
ST. JOSEPH DISTRICT 680												
PROPERTY CATEGORY WTR												
82-WATER SJ WATER PROPERTY	07/82	ACR	180	A	1	6	452,286.00	.00	452,286.00	36,182.88	144,731.52	307,556.48
83-WATER SJ WATER PROPERTY	07/83	ACR	180	A	3	6	562,575.00	28,129.25	534,445.75	48,100.12	127,716.22	406,729.53
84-WATER SJ WATER PROPERTY	07/84	ACR	180	A	3	6	1,540,303.00	77,015.40	1,463,287.60	146,328.76	219,493.15	1,243,794.45
85-WATER SJ WATER PROPERTY 20Yr 150% D.D.B.	01/85	ACR	180	F	3	6	390,604.00	19,655.40	370,948.60	18,672.63	18,672.63	354,779.97
PROPERTY CATEGORY WTR TOTALS												
							3,267,104.00	124,800.05	3,142,303.95	271,602.63	634,958.00	2,507,345.95
ST. JOSEPH DISTRICT 680 TOTALS												
							3,608,776.00	134,283.06	3,474,492.94	338,695.50	777,421.18	2,697,071.76
MISSOURI-AMERICAN 683 TOTALS												
							5,914,775.00	209,502.33	5,705,272.67	555,415.15	1,297,634.85	4,407,637.82

1/2 ITC

③ Normal Rate 1st Yr. = 2.5% x 15 = 3.75"

St. Joseph District	Old Total	New Total	Difference
1981-1985 Tax Depreciation	\$ 338,696	\$ 331,851	\$ 6,845
Less: Easement	170	170	-
Accel. Depn. moved to Calculation of 7th	\$ 338,526	\$ 331,681	\$ 6,845

AMERICAN WATER WORKS

ENDING 12/31/85 OF FISCAL YEAR 1985

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FOR MONTHS

PROGRAM NO. 013

CURRENT DATE 01/30/86

COMP 683	MISSOURI-AMERICAN	DIST COMP 320	JOPLIN DISTRICT	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	LIFE	TOTAL DEPRECIATION CUMULATIVE	DEPR BEGIN	VINTAGE COST	D YEAR TO DATE	DEPR
GRP	80-LANDNJP	LAND-1980	4,207.00	4,207.00	010-00	07/80	4,207.00 0							
BLDGS	GRP	CLSS	TOTAL	4,207.00	4,207.00	010-00	07/80	4,207.00 0						
BLDGS	70BLDGSNJP	BUILDINGS-1970	5,774.37	5,774.37	050-00	07/70	5,774.37 3							111.39
BLDGS	71BLDGSNJP	BUILDINGS-1971	74.15	74.15	045-00	07/71	74.15 3							1.36
BLDGS	72BLDGSNJP	BUILDINGS-1972	118.23	118.23	045-00	07/72	118.23 3							1.36
BLDGS	73BLDGSNJP	BUILDINGS-1973	42,693.07	42,693.07	042-00	07/73	42,693.07 3							95.20
BLDGS	74BLDGSNJP	BUILDINGS-1974	28,343.02	28,343.02	042-00	07/74	28,343.02 3							95.20
BLDGS	75BLDGSNJP	BUILDINGS-1975	9,379.61	9,379.61	042-00	07/75	9,379.61 3							17.30
BLDGS	76BLDGSNJP	BUILDINGS-1976	3,243.21	3,243.21	042-00	07/76	3,243.21 3							17.30
BLDGS	77BLDGSNJP	BUILDINGS-1977	106.21	106.21	045-00	07/77	106.21 3							6.79
BLDGS	78BLDGSNJP	BUILDINGS-1978	2,808.00	2,808.00	045-00	07/78	2,808.00 3							2.83
BLDGS	79BLDGSNJP	BUILDINGS-1979	53,571.00	53,571.00	045-00	07/79	53,571.00 3							77.68
BLDGS	80BLDGSNJP	BUILDINGS-1980	143,775.50	143,775.50	023-00	07/76	143,775.50 3							1,534.30
BLDGS	GRP	CLSS	TOTAL	143,775.50	143,775.50	023-00	07/76	143,775.50 3						3,607.44
PRE54	GRP	CLSS	TOTAL	620.00	620.00	023-00	07/76	620.00 0						25.35
PPE71	GRP	CLSS	TOTAL	2,042,789.71	2,042,789.71	050-00	07/53	2,042,789.71 1						40,933.47
00100	GRP	CLSS	TOTAL	2,042,789.71	2,042,789.71	050-00	07/53	2,042,789.71 1						40,933.47
00100	7100100NJP	71-OFFICE EQUIP	845.93	845.93	008-00	07/71	845.93 1							
00100	7200100NJP	72-OFFICE EQUIP	744.86	744.86	008-00	07/72	744.86 1							
00110	GRP	CLSS	TOTAL	1,590.79	1,590.79	008-00	07/71	1,590.79 6						2.09
00110	7700100NJP	77-OFF FURN-EQP	151.00	151.00	008-00	07/77	151.00 6							36.59
00110	7900100NJP	79-OFF FURN-EQP	521.00	521.00	008-00	07/79	521.00 6							146.61
00110	8000100NJP	80-OFF FURN-EQP	1,508.00	1,508.00	008-00	07/80	1,508.00 6							185.29
00130	GRP	CLSS	TOTAL	2,186.00	2,186.00	005-00	07/78	2,186.00 1						.02
00130	7800100NJP	78-DATA EQUIP	1,938.44	1,938.44	005-00	07/78	1,938.44 1							.02
00130	7900100NJP	79-DATA EQUIP	99.00	99.00	005-00	07/79	99.00 1							.02
00130	8000100NJP	80-DATA EQUIP	1,326.00	1,326.00	005-00	07/80	1,326.00 1							.02
00130	GRP	CLSS	TOTAL	3,363.44	3,363.44	005-00	07/80	3,363.44 1						.02

GRP	CLSS	ASSET NO.	DESCRIPTION	N.D.B.	DIST COMP	320	JOPLIN DISTRICT	QTY	TOTAL DEPRECIATION LIFE CUMULATIVE	DEPR BEGIN	VINAGE COST	D M	DEPR N YEAR TO DATE
00220	GRP	CLSS	TOTAL	8000220NJP	CARS-1980				003-00	07/80		1	
	GRP	CLSS	TOTAL	8000220NJP	80-LIGHT TRUCKS	13,145.00	13,145.00		005-00	11,173.25	07/80	13,145.00	6
	GRP	CLSS	TOTAL	8000220NJP	80-LIGHT TRUCKS	13,145.00	13,145.00		005-00	11,173.25	07/80	13,145.00	6
49300	49300	64493	00NJP	PROP ACQ 1964		104,009.71	104,009.71		050-00	66,175.06	05/65	104,009.71	5
49300	49300	64493	00NJP	PROP ACQ 1965		92,814.13	92,814.13		050-00	56,552.82	08/66	92,814.13	5
49300	49300	64493	00NJP	PROP ACQ 1966		110,564.98	110,564.98		050-00	51,515.28	11/75	110,564.98	5
49300	49300	64493	00NJP	PROP ACQ 1967		171,102.47	171,102.47		050-00	99,078.21	09/67	171,102.47	5
49300	49300	64493	00NJP	PROP ACQ 1968		244,948.43	244,948.43		050-00	137,422.73	08/68	244,948.43	5
49300	49300	64493	00NJP	PROP ACQ 1969		185,020.05	185,020.05		050-00	90,042.85	08/70	185,020.05	5
49300	49300	64493	00NJP	PROP ACQ 1970		231,521.13	231,521.13		050-00	117,042.85	08/70	231,521.13	5
49300	49300	64493	00NJP	71-MTR PROPERTY		267,764.23	267,764.23		050-00	169,522.98	07/71	267,764.23	6
49300	49300	64493	00NJP	72-MTR PROPERTY		97,377.95	97,377.95		050-00	59,703.58	07/73	97,377.95	6
49300	49300	64493	00NJP	73-MTR PROPERTY		358,259.08	358,259.08		050-00	228,686.12	07/75	358,259.08	6
49300	49300	64493	00NJP	74-MTR PROPERTY		150,166.31	150,166.31		050-00	97,011.88	07/75	150,166.31	6
49300	49300	64493	00NJP	75-MTR PROPERTY		126,218.11	126,218.11		050-00	78,641.88	07/75	126,218.11	6
49300	49300	64493	00NJP	76-MTR PROPERTY		132,208.98	132,208.98		050-00	82,882.43	07/77	132,208.98	6
49300	49300	64493	00NJP	77-MTR PROPERTY		132,208.98	132,208.98		050-00	82,882.43	07/77	132,208.98	6
49300	49300	64493	00NJP	78-MTR PROPERTY		162,088.42	162,088.42		050-00	95,999.33	07/77	162,088.42	6
49300	49300	64493	00NJP	79-MTR PROPERTY		284,952.00	284,952.00		050-00	185,380.06	07/79	284,952.00	6
49300	49300	64493	00NJP	80-MTR PROPERTY		538,833.00	538,833.00		050-00	365,718.53	07/80	538,833.00	6
	GRP	CLSS	TOTAL	3,308,994.35		3,308,994.35			1,503,611.08	3,342,826.35		114,067.32	
54-63	GRP	CLSS	TOTAL	0054-63NJP	PROP ACQ 54-63	3,421,168.49	3,421,168.49		050-00	2,547,124.64	06/60	3,421,168.49	5
	GRP	CLSS	TOTAL	3,421,168.49		3,421,168.49			2,547,124.64	3,421,168.49		63,085.41	
70110	GRP	CLSS	TOTAL	7470110NJP	74-OFF FURN-FIX	4,500.96	4,500.96		008-00	4,500.96	07/74	4,500.96	1
	GRP	CLSS	TOTAL	7670110NJP	76-OFF FURN-FIX	268.18	268.18		008-00	268.18	07/76	268.18	1
	GRP	CLSS	TOTAL	4,769.14		4,769.14			4,769.14	4,769.14		02	
70130	GRP	CLSS	TOTAL	7470130NJP	74-DATA EQUIP	13,365.13	13,365.13		005-00	13,365.13	07/74	13,365.13	1
70130	GRP	CLSS	TOTAL	7570130NJP	75-DATA EQUIP	145.34	145.34		005-00	270.34	07/75	270.34	1
	GRP	CLSS	TOTAL	13,510.47		13,510.47			13,635.47	13,635.47		02	
	GRP	CLSS	TOTAL	8,968,776.53		8,968,776.53			5,807,124.39	9,004,077.53		221,904.32	

COMP 683	MISSOURI-AMERICAN	DIST COMP 680	ST. JOSEPH DISTRICT	ENDING 12/31/85 OF FISCAL YEAR 1985						
GRP	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	TOTAL DEPRECIATION CUMULATIVE	DEPR BEGN	VINTAGE	D YEAR TO DATE	DEPR
BLDGS	70BLDGSNSJ	BUILDINGS-1970	199.95	199.95	050-00	8,773.63	07/70	199.95	3	3.85
	71BLDGSNSJ	71-BLD-MAIN STA	22,597.08	22,597.08	045-00	355.19	07/71	22,597.08	3	476.67
	72BLDGSNSJ	BUILDINGS-1972	17,978.28	17,978.28	045-00	5,445.32	07/72	17,978.28	3	80.46
	73BLDGSNSJ	BUILDINGS-1973	17,448.13	17,448.13	045-00	417.16	07/73	17,448.13	3	403.54
	74BLDGSNSJ	BUILDINGS-1974	1,292.65	1,292.65	045-00	97.97	07/74	1,292.65	3	30.18
	79BLDGSNSJ	BUILDINGS-1979	496.00	496.00	045-00	6,320.11	07/79	496.00	3	13.72
	80BLDGSNSJ	BUILDINGS-1980	37,180.00	37,180.00	045-00	21,074.15	07/80	37,180.00	3	1,064.13
GRP	CLSS TOTAL		81,192.09	81,192.09		4,094,806.68		81,192.09		2,072.55
PRE54	00PRE54NSJ	PRNP ACQ PRE 54	4,094,806.68	4,094,806.68	050-00	4,094,806.68	07/53	4,094,806.68	1	14,724.00
GRP	CLSS TOTAL		4,094,806.68	4,094,806.68		4,094,806.68		4,094,806.68		14,724.00
PRE71	00PRE71NSJ	PRE 1971 TRANSP	6,213.43	6,213.43	007-00	6,213.43	07/70	6,213.43	1	
GRP	CLSS TOTAL		6,213.43	6,213.43		6,213.43		6,213.43		
00100	7100100NSJ	71-OFFICE EQUIP	226.80	226.80	008-00	782.80	07/71	782.80	1	
00100	7200100NSJ	72-OFFICE EQUIP	1,185.15	1,185.15	008-00	1,859.15	07/72	1,859.15	1	
GRP	CLSS TOTAL		1,411.95	1,411.95		2,641.95		2,641.95		
00110	7700110NSJ	77-OFF FURN-FIX	2,896.34	2,896.34	008-00	2,896.34	07/77	2,896.34	6	40.22
00110	7800110NSJ	78-OFF FURN-FIX	1,432.95	1,432.95	008-00	1,432.95	07/78	1,432.95	6	59.83
00110	7900110NSJ	79-OFF FURN-FIX	1,432.00	1,432.00	008-00	1,432.00	07/79	1,432.00	6	13.53
00110	8000110NSJ	80-OFF FURN-FIX	1,664.00	1,664.00	008-00	1,664.00	07/80	1,664.00	6	161.77
GRP	CLSS TOTAL		6,191.29	6,191.29		5,952.36		6,191.29		275.36
00130	7700130NSJ	77-DATA EQUIP	524.95	524.95	003-00	648.95	07/77	648.95	1	
00130	7800130NSJ	78-DATA EQUIP	2,079.89	2,079.89	003-00	2,424.89	07/78	2,424.89	1	
00130	7900130NSJ	79-DATA EQUIP	1,633.00	1,633.00	003-00	1,633.00	07/79	1,633.00	1	59.02
00130	8000130NSJ	80-DATA EQUIP	1,663.00	1,663.00	003-00	1,797.96	07/80	1,797.96	6	59.89
GRP	CLSS TOTAL		5,900.84	5,900.84		6,503.80		6,503.84		59.91
00241	7900241NSJ	79-LIGHT TRUCKS	6,375.00	6,375.00	003-00	5,588.75	07/79	6,375.00	1	
00241	8000241NSJ	80-LIGHT TRUCKS	20,585.00	20,585.00	003-00	17,497.25	07/80	20,585.00	6	
GRP	CLSS TOTAL		27,160.00	27,160.00		23,086.00		27,160.00		
00242	7800242NSJ	78-HEAVY TRUCKS	9,442.66	9,442.66	007-00	8,026.26	07/78	9,442.66	6	
GRP	CLSS TOTAL		9,442.66	9,442.66		8,026.26		9,442.66		

COMP	683	MISSOURI--AMERICAN	DIST	COMP	680	ST. JOSEPH DISTRICT	ENDING 12/31/85 OF FISCAL YEAR 1983				
GRP	ASSET NO.	DESCRIPTION	N.D.B.	COST	QTY	TOTAL LIFE	DEPRECIATIVE	DEPR	VINTAGE	YR	DEPR
LSS							CUMULATIVE	BEGIN	COST		TO DATE
49300	6543300NSJ	PROP ACQ 1964	331,512.58	337,512.58	8	050-00	231,135.42	08/64	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1965	331,512.58	337,512.58	8	050-00	231,135.42	09/65	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1966	331,512.58	337,512.58	8	050-00	231,135.42	11/66	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1967	331,512.58	337,512.58	8	050-00	231,135.42	08/67	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1968	331,512.58	337,512.58	8	050-00	231,135.42	08/68	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1969	331,512.58	337,512.58	8	050-00	231,135.42	07/69	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1970	331,512.58	337,512.58	8	050-00	231,135.42	07/70	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1971	331,512.58	337,512.58	8	050-00	231,135.42	07/71	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1972	331,512.58	337,512.58	8	050-00	231,135.42	07/72	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1973	331,512.58	337,512.58	8	050-00	231,135.42	07/73	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1974	331,512.58	337,512.58	8	050-00	231,135.42	07/74	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1975	331,512.58	337,512.58	8	050-00	231,135.42	07/75	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1976	331,512.58	337,512.58	8	050-00	231,135.42	07/76	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1977	331,512.58	337,512.58	8	050-00	231,135.42	07/77	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1978	331,512.58	337,512.58	8	050-00	231,135.42	07/78	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1979	331,512.58	337,512.58	8	050-00	231,135.42	07/79	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1980	331,512.58	337,512.58	8	050-00	231,135.42	07/80	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1981	331,512.58	337,512.58	8	050-00	231,135.42	07/81	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1982	331,512.58	337,512.58	8	050-00	231,135.42	07/82	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1983	331,512.58	337,512.58	8	050-00	231,135.42	07/83	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1984	331,512.58	337,512.58	8	050-00	231,135.42	07/84	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1985	331,512.58	337,512.58	8	050-00	231,135.42	07/85	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1986	331,512.58	337,512.58	8	050-00	231,135.42	07/86	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1987	331,512.58	337,512.58	8	050-00	231,135.42	07/87	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1988	331,512.58	337,512.58	8	050-00	231,135.42	07/88	337,512.58	5	7,360.32
49300	6543300NSJ	PROP ACQ 1989	331,512.58	337,512.58	8	050-00	231,135.42	07/89			



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support the
deferred taxes used on the income
statement*

Missouri American Water Company
Deferred Inps - Other
1985 at 1988 Rates

Joplin St. Joseph
District District Total

New Tax Law

Current Year Def SIT - Prog Maintenance	\$ -	\$ 3098	\$ 3098
Amount of Current Yr. Def SIT	-	(143)	(143)
Amount of Prior Yr. Def SIT	(1309)	(1234)	(2543)
Total Def SIT	(1309)	1721	412

Current Year Def FIT - Prog Maintenance - 34%	\$ -	\$ 24525	\$ 24525
Amount of Current Yr. Def FIT - 34%	-	(1124)	(1124)
Amount of Prior Yr. Def FIT - 46%	(12199)	(12148)	(24347)
Total Def FIT	(12199)	11253	(946)

Total

\$ (13508) \$ 12974 \$ (534)

Old Tax Law - Per Books

Current Year Def SIT - Prog. Maintenance	\$ -	\$ 3098	\$ 3098
Amount of Current Yr. Def SIT	-	(143)	(143)
Amount of Prior Yr. Def SIT	(1309)	(1234)	(2543)
Total Def. SIT	(1309)	1721	412

Current Year Def FIT - Prog Maintenance - 46%	\$ -	\$ 33181	\$ 33181
Amount of Current Yr. Def. FIT - 46%	-	(1521)	(1521)
Amount of Prior Yr. Def FIT - 46%	(12199)	(12148)	(24347)
Total Def. FIT	(12199)	\$ 19512	\$ 7313

Total

\$ (13508) \$ 21233 \$ 7725

1985 & 1988 Rates
JOURNAL ENTRY

Recalculated at 34.07 FIT

J.E. NO.	DATE		DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
640	JUL 85			672.12	314.43	
				186.40		314.43
		AMORTIZE DEF. MAINT.				
650	JUL 85			283.76	13.86	
				410.11		13.86
		AMORTIZE DEF SIT				
660	JUL 85			283.16	101.89 138.55	
				410.16		101.89 138.55
		AMORTIZE DEF FIT				
DO NOT PUNCH	DO NOT PUNCH	DO NOT PUNCH	DO NOT PUNCH			
				TO BEGIN AMORTIZATION OF DEFERRED MAINTENANCE AND TAXES APPLICABLE TO M-238 OVER 10 YEARS FROM 7-17-85 TO 7-17-95.		
		EXPENSE		FIT	72,133.21 246.12 24,525.30	SIT
		75,231.37		33,181.50	24,525.30	30,98.16
÷ 120 MOS:		626.92		276.51	204.38	25.81
x 120 MOS:		75,230.40		33,181.20	24,525.60	30,97.20
ODD &		.97		.30	(.30)	.96
1/2 MONTH AMORT.		313.46		138.25	102.19	12.90
		314.43		138.55	101.89	13.86

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ST. JOSEPH
COMPANY

APPROVED BY

1985 at 1988 JOURNAL ENTRY Recalculated at 34% FIT | J.E. NO. | DATE | DIST. NO. | ACCOUNT NUMBER | DEBIT | CREDIT | |--|----------|-----------|----------------|-------------------------------------|-------------------------------------| | 650 | APR 1985 | | 410.11 | 6539 | | | | | | 283.76 | | 6539 | | Rec SIT on M 238 | | | | | | | 660 | APR 1985 | | 410.16 | 701.36 ^{517.66} | | | | | | 283.16 | | 700.36 ^{517.66} | | Rec FIT on M 238 | | | | | | | DO NOT PUNCH | | | | | | | Rec SIT + FIT on M 238 | | | | | | | $1,587.92 \times .05041431 \times .00928543 =$
$80.13 - 14.74 = 65.39 \text{ SIT}$
$1,587.92 - 65.39 = 1,522.53 \times 46\% =$
700.36 FIT | | | | | | | 34% = 517.66 | | | | | | MISSOURI-AMERICAN WATER COMPANY ST. JOSEPH DISTRICT-680 COMPANY PREPARED BY W.B. APPROVED BY [Signature] FORM 170 (11-73)

JOURNAL ENTRY

Recalculated + 347 FIT

J.E. NO.	DATE	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
601	MAY 85	680	410.16	11083.14	
		680	410.11	1034.77	
		680	283.16		11083.14
		680	283.76		1034.77
REC. DEF. TAXES - M238					
DO NOT PUNCH					
TO RECORD DEFERRED SIT & FIT ON MAY CHARGES TO ST. JOSEPH W.O. M-238.					
<u>SIT</u>					
$25,128.56 \times .05046431 = 1268.10$					
$25,128.56 \times .00928543 = (233.33)$					
<u>1034.77</u>					
<u>FIT</u>					
$25128.56 - 1034.77 = 24093.79$					
$\times \underline{.46,34}$					
<u>11083.14</u> 2191.89					

MISSOURI-AMERICAN WATER COMPANY
GENERAL CORPORATE ACCOUNT-683

COMPANY

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JOURNAL ENTRY

Recalculated at 34.7 FIT

J.E. NO.	DATE	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
600	JUN 85		410.11	1346.00	
			283.76		1346.00
			Record D.I. SIT		
601	JUN 85		410.11	9264.42 13346.00	
			283.76		9264.42 13346.00
			Record D.I. FIT		
			Do Not Punch		
			In record Deferral Stat + Federal income taxes related to earnings of 30259.02 changed to M238 as follows:		
			SIT $30259.02 \times .05546431 = 1527.00$		
			$30259.02 \times .00928543 = 280.97$		
			$1527.00 - 280.97 = 1246.00$		
				$34\% = 9864.43$	
			FIT $30259.02 - 1246.00 = 29013.02 \times .34 = 9864.43$		

VKI

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St. Joseph - 680

COMPANY

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JOURNAL ENTRY

Recalculated + 349 FIT

J.E. NO.	DATE	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
700	JUL 85		410.11	752.00	
			283.76		752.00
			Record Def SIT		
				5951.32	
701	JUL 85		410.16	8052.00	5951.32
			283.16		8052.00
			Record Def FIT		
DO NOT PUNCH					
To record deferred state and federal income taxes on July's deferred task printing expenses					
SIT: \$18,255.87 x .05046431 = 921.27					
\$18,255.87 x .00928543 = 169.51					
921.27 - 169.51 = <u>752.00</u>					
FIT: \$18,255.87 - 752.00 = 17,503.87 x $\frac{349}{462}$ = <u>8,052.00</u>					

680 - St. Joseph District

1178
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MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support investment
tax credit information used on the income
statement.*

Missouri American Water Company
Investment Tax Credit
1985 at 1988 Rates

Joplin St. Joseph
Deduct Deduct Total

Elimination of Deferred FIT-
Investment Tax Credit

Per Books 1985	\$ 33336	\$ 44348	\$ 77684
Adjustment	(33336)	(44348)	(77684)
Pro Forma Present Rates	\$ -	\$ -	\$ -

Adjustment for Amortization
to Current Year ITC

Per Books 1985	\$ (9026)	\$ (17929)	\$ (26955)
Eliminate Amount of Current Y. ITC	379	964	1343
	\$ (8647)	\$ (16965)	\$ (25612)

JOURNAL ENTRY

J.E. NO.	DATE	DO NOT PUNCH	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
255.11-412.21 3% YRS 1962-1970						
		570 X 1/2 = 48				
255.12-412.22 4% YRS 1971-1975						
		582 X 1/2 = 49				
255.13-412.23 10% YRS						
	1975	243 X 1/2 = 21				
	1976	209 X 1/2 = 17				
	1977	259 X 1/2 = 22				
	1978	334 X 1/2 = 28				
	1979	591 X 1/2 = 49				
	1980	1457 X 1/2 = 121				
	1981	191 X 1/2 = 16				
	1982	1252 X 1/2 = 104				
	1983	659 X 1/2 = 55				
	1984	2262 X 1/2 = 188				
		7457 621				
		CUR YR ITC	life	ANNUAL AMORT.	CURRENT AMORT.	
YTD AMT. (per Bit-Facs)		33,336 ÷	44 yrs =	758 X 1/2 =	329	
Less Amt. prev. booked *		25,280		**	240	
Amt. this entry		8056			139	
* Balance of acct. 4/12/11 Prev. month						
** Balance of prev. month 9/1 4/12/11 less 9/1 4/12/12						
Recapture						
Amort. of Recapture						

Joplin District

COMPANY

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JOURNAL ENTRY

J.E. NO.	DATE	DO NOT PUNCH	DIST. NO.	ACCOUNT NUMBER	DEBIT	CREDIT
255.11-412.21	38 YRS	1962-1970				
		$1941 \times \frac{1}{2} =$				162
				REVISE 4-1-85 FOR NEW		
				DEPR. RATES AS FOLLOWS:		
255.12-412.22	48 YRS	1971-1975				
		$724 \times \frac{1}{2} =$				60
255.13-412.23	10% YRS					
				Depr. Property in Svc @ 1-1-85 = \$18,985,742.45		
				Annual Depr. at new rate = 343,253.47		
1975		$218 \times \frac{1}{2} =$	18	" " " old "	=	290,223.12
1976		$865 \times \frac{1}{2} =$	72			
1977		$685 \times \frac{1}{2} =$	57	Composite rated @ new rates = 1.81%		
1978		$1177 \times \frac{1}{2} =$	98	less: " " " old "	=	1.53
1979		$1391 \times \frac{1}{2} =$	116	increase in rate = .28		
1980		$1806 \times \frac{1}{2} =$	151	90 of increase in rate = 18.30%		
1981		$743 \times \frac{1}{2} =$	62			
1982		$1528 \times \frac{1}{2} =$	127			
1983		$1437 \times \frac{1}{2} =$	120			
1984		$3919 \times \frac{1}{2} =$	326			
		13,764	1147			
		CUR YR ITC	life	ANNUAL AMORT.	CURRENT AMORT.	
YTD AMT. (per Bit-Facs)	44,348	÷	23 yrs	= 1928	× 1 =	964
Less Amt. prev. booked	* 40,536			**		311
Amt. this entry	3812					653
				* 1984 increased (ITC)		54
* Balance of acct. 412.11	Prev. month					÷ 48 yrs.
* Balance of prev. month	q/c 412.11 less q/c 412.12			1985 AMORT.		1
				1984 AMORT. (1/2)		—
	Recapture					
	Amort. of Recapture			Total increased Amort		1

ST. JOSEPH DISTRICT - 680

COMPANY

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MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*This worksheet supports new tax
law change addbacks used on the
tax calculation.*

Missouri-American Water Company
Add Backs for the Tax Calculation
Resulting from New Tax Law Changes

Amount

1985 Bad Debt Expense - Reserve Method \$ 57413 \$
1985 Bad Debt Expense - Write-off Method 59370 (1957)

1/4 of Bad Debt Reserve @ 12/31/85 $\$50,651 \div 4$ 12663

New Advances for Construction in 1985 159249

1985 Business Meals and Entertainment Expenses
subject to 80% deductibility ($\$9,219 \times 20\%$) 1844

Total New Tax Law Change Addbacks \$ 171799



MISSOURI-AMERICAN WATER COMPANY
AN AMERICAN WATER WORKS SYSTEM COMPANY

*These worksheets support information
used on the rate base.*

Missouri-American Water Company
Reserve for Deferred Tax - Accelerated Depreciation
Recalculation of 1985 Deferrals Using 1988 FIT Rates

	Accum. Def. <u>SIT</u>	Accum. Def. <u>FIT</u>	<u>Total</u>
--	------------------------------	------------------------------	--------------

Duplin District

Provision @ 12/31/84	\$ 10586	\$ 106332	\$ 116918
1985 Provision (Def. Tax W/Ps)	<u>6714</u>	<u>53148</u>	<u>59862</u>
Provision @ 12/31/85	\$ <u>17300</u>	\$ <u>159480</u>	\$ <u>176780</u>

St. Joseph District

Provision @ 12/31/84	\$ 1777	\$ 168439	\$ 185487
1985 Provision (Def. Tax W/Ps)	<u>10330</u>	<u>81777</u>	<u>92107</u>
Provision @ 12/31/85	\$ <u>27408</u>	\$ <u>250186</u>	\$ <u>277594</u>

Missouri-American Total

Provision @ 12/31/84	\$ 27664	\$ 274741	\$ 302405
1985 Provision (Def. Tax W/Ps)	<u>17044</u>	<u>134925</u>	<u>151969</u>
Provision @ 12/31/85	\$ <u>44708</u>	\$ <u>409666</u>	\$ <u>454374</u>

Missouri-American Water Company
Materials & Supplies

January, 1985	\$200,690
February	202,362
March	219,967
April	223,728
May	196,638
June	232,476
July	237,603
August	233,775
September	235,282
October	200,385
November	199,160
December	216,740

Total	\$2,598,806
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12-Month Average	\$216,567
------------------	-----------

Use	\$217,000
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MISSOURI-AMERICAN WATER COMPANY

Accumulated Deferred FIT -
Accelerated Depreciation

Response to Item No. 4

Old Tax Law - Per Books at 12/31/85

Excess - Accelerated over Normal	\$1,004,424
Tax Rate	x 46%
Acct. 282 - Per Books	<u>\$ 462,036</u>

New Tax Law

Excess - Accelerated over Normal	\$1,004,424
Tax Rate	x 34%
Acct. 282 - Calculated at 34%	<u>\$ 341,504</u>

<u>Excess Deferred Federal Tax Reserves @ 12/31/85</u>	<u>\$ 120,532</u>
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The Company intends to flow-back the excess deferred tax reserves as prescribed in the new tax laws when straight-line depreciation exceeds accelerated depreciation for vintage years of tax depreciable property.

Missouri-American Water Company
Deferred Tax Reserve - Accrual 1 Dept.

	CR. Act. 282.1 Def.		CR. Act. 282 Def.	
	Basis	SIT	Basis	FIT
<u>Joplin District</u>				
Balance @ 10/31/81	\$	-	\$	-
J11-702,703-81		45		850
J12-701,702-81		95		374
Balance @ 12/31/81	\$ 2,800 x 5% =	\$ 140	\$ 2,660 x 46% =	\$ 1,229
1982 Provision	\$ 2,464 x 5% =	1232	\$ 3,682 x 46% =	1,641
Balance @ 12/31/82		\$ 1,372		\$ 1,263
1983 Provision	77,151 x 4.56% =	3518	73,633 x 46% =	3,387
Balance @ 12/31/83		\$ 4,890		\$ 5,159
1984 Provision	128,764 x 4.56% =	5,896	117,180 x 46% =	5,382
Balance @ 12/31/84		\$ 10,586		\$ 10,633
1985 Provision	166,982 x 4.109% =	6,855	159,677 x 46% =	7,342
Balance @ 12/31/85		\$ 17,441		\$ 17,760
<u>Total</u>		\$ 39,519		\$ 70,782
				\$ 17,760
<u>St. Joseph District</u>				
Balance @ 10/31/81	\$	-	\$	-
J11-701,702-81		198		376
J12-702,703-81		225		(69)
Balance @ 12/31/81	\$ 8,460 x 5% =	\$ 423	\$ 8,037 x 46% =	\$ 3,697
1982 Provision	47,348 x 5% =	2,217	\$ 59,945 x 46% =	2,535
Balance @ 12/31/82		\$ 2,640		\$ 2,943
1983 Provision	\$ 11,345 x 4.56% =	5078	\$ 106,267 x 46% =	4,883
Balance @ 12/31/83		7712		7,835
1984 Provision	\$ 215,217 x 4.56% =	9,360	\$ 195,857 x 46% =	9,094
Balance @ 12/31/84		\$ 17,072		\$ 16,409
1985 Provision	\$ 258,167 x 4.117% =	10,631	\$ 247,536 x 46% =	11,386
Balance @ 12/31/85		\$ 27,709		\$ 28,226
<u>Total</u>		\$ 62,537		\$ 63,612
				\$ 28,226

Missouri American Total 103,486 \$ 45,150 \$ 1,004,424 \$ 462,036