KENTUCKY-AMERICAN WATER COMPANY CASE NO. 2007-00143

ATTORNEY GENERAL'S REQUEST FOR INFORMATION

Item 72 of 312

Witness: Michael A. Miller

72. Provide the Company's 2004, 2005 and 2006 Annual Reports to the KY PSC.

Response:

See attached. For electronic versions of the Annual Reports, please refer to the following electronic files:

KAW_R_AGDR1#72_2004_061807 KAW_R_AGDR1#72_2005_061807 KAW_R_AGDR1#72_2006_061807

For electronic version of this document, refer to KAW_R_AGDR1#72_061807.pdf

WATER

CLASS A & B WATER COMPANIES

ANNUAL REPORT

OF

KENTUCKY-AMERICAN WATER COMPANY

2300 Richmond Road, Lexington, Kentucky 40502

TO THE

PUBLIC SERVICE COMMISSION

OF THE

COMMONWEALTH OF KENTUCKY

211 SOWER BLVD.
P. O. BOX 615
FRANKFORT, KENTUCKY 40602

FOR THE YEAR ENDED DECEMBER 31, 2004

Checklist for the Annual Report For A and B Water Companies To Be Completed and Returned with the Annual Report

ŧ,

If no, explain why	Armanonianianianianianianianianianianianianian	Diff. of \$46,835 is Sewer Utility	Diff. of \$48,137 is Sewer Utility																															
No		×	X		_																													_
Yes	×			×	A/N	A/N	N/A	N/A	×	×	×	×	N/A	×	A/N	×	×	×	×	×	N/A	×	×	×	×	×	×	A/N	×	×	×	×	×	ΑN
No.	eted.	Total	Total 301-348 Cols c & h	Net Balance 114-115	Total 123	Total 124	Total 125	Total 126-127	Net Balance 141-145	Total 151-153	Total 162	Total 181		Total 186		Total Par Value of Stk Issued Col b	Total Par Value of Stk Issued Col c		Total Line 10 col 4			Total 232 col f	Total 233	Total 234 col f		Total 237 cols b & e		Total 251	Total 252	Beginning & ending balance 271	Accumulated amortization 271	Total water operating revenue col e	Total col c	Total accumulated amortization 115
Page No.	en completed	13	14	15	16	16	16	16	17	18	18	19	19	18	19	20	20	23	22	22	24	24	24	24	25	26	27	19	20	28	28	31	32	15
	The identification pages have been	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with	agrees with
Account No.	The identification	101-106	108-110	114-115	123	124	125	126-127	141-144	151-153	163-165	181	182	186	190	201	204	214-215	221	221	224	232	233	234	236	237	242	251	252	271	272	400	401	406
Page No.	4-6		7	7			7	7	7	7		8	8	8	8	6	6	o	6	6	6	6	6	o	6	6	6	10	10	10	10	-	11	

Checklist for the Annual Report
For A and B Water Companies
To Be Completed and Returned with the Annual Report

If no, explain why				acct 101 plus acct 106														
oN s									289									
Yes	×	×	×	×	×	Ν	×	N/A		×	×		×	×	×	×	×	×
Page No.	agrees with 26 Total 237 col c	agrees with 23 Balance trans. From inc. 435 col c	agrees with 30 Total 301-348 col f	The analysis of accumulated depreciation and amort. by primary acct, has been completed	agrees with 28 Total 186.1 col c	Schedule of long-term debt has been completed	Schedule of bond maturities has been completed	If the long-term debt consists of notes payable rather than bonds, then the notes payable	substituted for the schedule of bond maturities.	er utility plant accounts cols c through k has been completed	ample: school tax, sales tax, franchise tax) have been excluded from		The analysis of water operating revenue cols c, d, and e has been completed	The analysis of water utility expense accounts cols c through k has been completed	Schedule of pumping and purchased water statistics has been completed	agrees with 35 Account 466	agrees with 35 Line 4 total produces and purchased	1 completed
Page No. Account No.	427	Net Income	101	The analysis of ac	186.1	Schedule of long-l	Schedule of bond	If the long-term de	schedule has been substituted for	The analysis of water utility plant a	Taxes collected (example: school	operating revenue	The analysis of wa	The analysis of wa	Schedule of pump	466	Line 13	Oath page has been completed
Page No.	12	12	13	14	18	21	22	22		30	31		31	32	33	34	34	

CLASS "A & B"

WATER COMPANIES

ANNUAL REPORT

OF

KENTUCKY-AMERICAN WATER COMPANY

Exact Legal Name of Respondent

FOR THE

YEAR ENDED DECEMBER 31, 2004

NOTICE

- Prepare this report in conformity with the 1984 National Association of Utility Regulatory Commissioners Uniform System of Accounts for Water Utilities as adopted by this Commission for Class A & B water companies.
- 2. Interpret all accounting words and phrases in accordance with the USOA.
- 3. Complete each question fully and accurately, even if it has been answered in a previous annual report. Enter the work "None" where it truly and completely states the fact.
- 4. For any question, section, or page which is not applicable to the respondent, enter the words "Not Applicable" or "NA". Do not omit any pages.
- 5. Where dates are called for, the month and day should be stated as well as the year.
- Complete this report by means which result in a permanent record, such as by typewriter. Money items (except averages) throughout the report should be shown in units of dollars adjusted to accord with footings.
- 7. If there is not enough room on any schedule, an additional page or pages may be added provided the format of the added schedule matches the format of the schedule with not enough room. Such a schedule should reference the appropriate schedules, state the name of the utility, and state the year of the report.
- 8. The report should be filled out in duplicate and one copy returned by March 31 of the year following the date of the report. The report should be returned to:

Public Service Commission 211 Sower Blvd. P. O. Box 615 Frankfort, Kentucky 40602

TABLE OF CONTENTS

FINANCIAL SECTION	Page	WATER OPERATING SECTION	Page
Identification	4-6	Water Operating Revenue	30
Comparative Balance Sheet - Assets		Water Utility Expense Accounts	31
and Other Debits	7-8	Pumping and Purchased Water	
Comparative Balance Sheet - Equity		Statistics	32
Capital and Liabilities	9-10	Sales for Resale	33
Comparative Operating Statement	11-12	Water Statistics	33
Statement of Retained Earnings	13	Plant Statistics	34 - 52
Utilty Plant	14		
Accumulated Depreciation	14		
Water Utlity Plant Accounts	15 & 15A		
Analysis of Accumulated Depreciation			
by Primary Account	16		
Accumulated Amortization	17		
Utility Plant Acquisition Adjustment	17		
Investments and Special Funds	18		
Accounts and Notes Receivable - Net	19		
Materials and Supplies	20		
Prepayments	20		
Miscellaneous Deferred Debits	20		
Unamortized Debt Discount and			
Expense and Premium on Debt	21		
Extraordinary Property Losses	21		
Accumulated Deferred Income Taxes	21		
Advances for Construction	22		
Capital Stock	22		
Long Term Debt	23		
Bonds	24		
Schedule of Bond Maturities	24		
Notes Payable	25		
Accounts Payable to Associated Co.	25		
Taxes Accrued	26		
Accrued Interest	27	1	
Misc. Current & Accrued Liabilities	27A		
Regulatory Commission Expense -	1		
Amortization of Rate Case Expense	28		
Contributions in Aid of Construction	28		
Reconciliation of Reported Net Income			
with Taxable Income for Federal			
Income Taxes (Utility Operations)	29		
	1		

PUBLIC SERVICE COMMISSION OF KENTUCKY PRINCIPAL PAYMENT AND INTEREST INFORMATION FOR THE YEAR ENDING DECEMBER 31, 2004

1.	Amount of Principal P	<u>\$0</u>								
2.	Is Principal current?	YES x	NO							
3.	Is Interest current?	YES x	NO							
4.	Has all long-term deb	t been approved t	by the Public Service	Commission?						
	YESx	NO	PSC Case N	O.,						
	SERVICES PERFORMED BY INDEPENDENT CERTIFIED PUBLIC ACCOUNTANT									
			ined by a Certified Pu	· · · · · · · · · · · · · · · · · · ·						
	YES_	×	NO	***************************************						
		If YES, which se	ervice is performed?							
		Audit	X							
		Compilation								
		Review	######################################							

Please enclose a copy of the accountant's report with annual report.

Additional Requested Information

Utility Name	Kentucky American Water							
Contact Person	Rachel Cole, Jeff Mulligan							
Contact Person's E-Mail Address RCote@kawc.com								
Utiltiy's Web Address	www.kawc.com							

Please Complete the above Information, if it is available

If there are multiple staff who may be contacts please include their names and e-mail addresses also.

Additional Information Required By Commission Orders Provide any special information required by prior Commission orders, as well as any narrative explanations necessary to fully explain the data. Examples of the types of specialinformation that may be required by Commission orders include surcharge amounts collected, refunds issued, and unusal debt repayments. Date of Case # Order Items/Explanations The attached supplements #1 and #2 are in reponse to ordering paragraph #7 2002-00018 and Condition #35 in Public Service Commission Case #2002-0018. Attach additional sheets if more room is required

MAJOR WATER PROJECTS

Instructions: Provide details about each major water project which is planned but has not yet been submitted for approval to the Public Service Commission. For the limited purpose of this report, a "major Project is defined as one which is not in the ordinary course of business, and which will increase your current utility plant by at leasty 20%.
Brief Project Description (improvement, replacement, building construction, expansion. If expansion, provide the estimate number of new customers):
Resolution of Source of Supply and treatment capacity deficits. Project defined as part of the region Bluegrass Water Supply Commission to be a 32 mgd regional treatment plant located at Pool 3 of the Kentucky River with supplemental source of raw water supply from the Ohio River near Carrollton.
Projected Costs and Funding Sources/Amounts:
Estimated cost of \$205 million total. Sources and allocation of costs between member utilities has not been determined yet.
Approval Status: (Application for financial assistance filed, but not approved; or application approved, but have not advertised for construction bids)
Location: (community, area or nearby roads)

RWE Order Requirement #7 and Condition #35

KAWC Operational Measures	2003	2004
1 Number of water service interruptions (boil water advisories):	161	138
2 Average # of customers impacted from water service interruptions:	22.53	24.04
3 Average length of time of water service interruption/loss of water (I in hours):	2.62	3.47
4 Number of Customer Complaints from PSC:	20	53
5 Average response time to answer phones (in seconds): KAW location (1/1/03-10/16/03) Call Center location (10/17-12/31/03)	66 162 29	24 24
6 Number of customer calls:	189,688	217,461

National Drinking Water Regulations

updated on Wednesday, February 23rd, 2005

URL: http://www.epa.gov/safewater/mcl.html

PRIMARY (Health-based) Standards

Microorganisms

Microorganisms		
Squareficat	<u></u>	
Cryptosporidium (pdf file)	zero	TT 3
Giardia lamblia	zero	ПТ3
Heterotrophic plate count	n/a	TT3
Legionella	zero	<u>T13</u>
Total Coliforms (including fecal coliform and E. Coli)	zero	5.0%4
Turbidity	i n/a	ТТ3
Viruses (enteric)	zero	<u>TT3</u>

Disinfection Byproducts

s майлянурі	<u> </u>	<u> </u>
Bromate	Zero	0.01
Chlorite	er, ee et all teltacher: 1 a. c. all m	
Haloacetic acids (HAA5)	<u>n/a6</u>	0 06
Total Trihalomethanes (TTHMs)	116	0.1 0.08

Disinfectants

STATEMENT CONTRACTOR OF THE STATEMENT OF T	35.60 Lee 5. 5 15 16 17	<u> 1875 - 1</u>
Chloramines (as Cl2)	MRDLG=41	MRDL=4.01
Chlorine (as Cl2)	MRDLG≒41	MRDL=4.01
Chlorine dioxide (as CIO2)	MRDLG=0.81	MRDL=0.81

Inorganic Chemicals

	220,000	
<u>Antimony</u>	0.006	0.006
<u> Arsenic</u>		0.01
		as of 01/23/06
<u>Asbestos</u>	7 million fibers per liter	7 MFL
fiber > 10 micrometers)		
3arium	2	2 2
<u>Beryllium</u>	0 004	0.004
Badmium	0.005	0,005
Chromium (total)	0 1	0.1
Copper	1.3	TT8:
		Action Level=1,3
Cyanide (as free cyanide)	02	02
-Juoride		144
Lead	zero	<u>TT8;</u>
		Action Level=0 015

Mercury (inorganic)	0.002	0.002
Nitrate (measured as Nitrogen)	10	10
Nitrite (measured as Nitrogen)		
<u>Selenium</u>	0.05	0.05
Thallium	0.0005	0.002
Organic Chemicals		
	46.0	
Advantages		
<u>Acrylamide</u>	zero	<u>719</u>
Alachlor	zero	0,002
Atrazine	0.003	0.003
<u>Benzene</u>	Zero	0,005
Benzo(a)pyrene (PAHs)	zero	0 0002
<u>Carbofuran</u>	0.04	0.04
Carbon tetrachloride	zero	0 005
Chlordane	zero	0,002
<u>Chlorobenzene</u>	0.1	0.1
2:4-D	0.07	0.07
<u>Dalapon</u>	0.2	02
1,2-Dibromo-3-chloropropane (DBCP)	zero	0.0002
o-Dichlorobenzene	0.6	06
p-Dichlorobenzene	0.075	0.075
1,2-Dichloroethane	zero	0 005
1.1-Dichloroethylene	0,007	0:007
cis-1,2-Dichloroethylene	0 07	0 07
trans=1,2-Dichloroethylene	######################################	
Dichloromethane	zero	0 005
1,2-Dichloropropane	zero	0:005
Di(2-ethylhexyl) adipate	0 4	0.4
Di(2-ethylhexyl) phthalate	zero	0.006
Dinoseb	0.007	0 007
Dioxin (2:3:7:8-TCDD)	zero	0,00000003
Diguat	0 02	0 02
Endothall	######################################	0.1
Endrin	0 002	0.002
Epichlorohydrin	zero	9 на 1
<u>Ethylbenzene</u>	0.7	0.7
Ethylene dibromide	zero	0.00005
Glyphosate	0.7	0.7
Heptachlor	zero	0,0004
Heptachlor epoxide	zero	0 0002
Hexachlorobenzene	zero	0:001
Hexachlorocyclopentadiene	0 05	0.05
Lindane	0.0002	0.0002
Methoxychlor	0 04	0 04
Oxamyl (Vydate)	0.2	0.2
		0.0005

Polychlorinated biphenyls (PCBs)

Pentachlorophenol

zero

zero

0.0005

0,001

Picloram	0 5	0 5
Simazine	0.004	0:004
Styrene	0 1	0 1
<u>Tetrachloroethylene</u>	zero	0,005
Toluene	1	1
Toxaphene	zero	0,003
2,4,5-TP (Silvex)	0.05	0.05
1,2,4-Trichlorobenzene	0.07	0.07
1,1,1-Trichloroethane	0.2	02
1.1,2-Trichloroethane	0.003	0.005
<u>Trichloroethylene</u>	zero	0.005
Vinyl chloride	zero	0,002
Xylenes (total)	10	10

Radionuclides

Alpha particles	<u>none7</u>	15 picocuries per Liter (pCi/L)
	zero	(PC//L)
Beta particles and photon emitters	none7	. 4 millirems per year
Radlum 226 and Radlum 228 (combined)	<u>none7</u>	5 pCl/L
	zero	

Notes

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants

Maximum Residual DisInfectant Level Goal (MRDLG) The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants

Treatment Technique- A required process intended to reduce the level of a contaminant in drinking water.

Cryptosporidium: (as of1/1/02 for systems serving >10.000 and 1/14/05 for systems serving <10,000) 99% removal Giardia lamblia: 99.9% removal/inactivation

Viruses: 99 99% removal/inactivation

Legionella: No limit, but EPA believes that if Giardiænd viruses are removed/inactivated, Legionellævill also be controlled

Turbidity: At no time can turbidity (cloudiness of water) go above 5 nephelolometric turbidity units (NTU); systems that filter must ensure that the turbidity go no higher than 1 NTU (0.5 NTU for conventional or direct filtration) in at least 95% of the daily samples in any month. As of January 1, 2002, turbidity may never exceed 1 NTU, and must not exceed 0.3 NTU in 95% of daily samples in any month.

HPC: No more than 500 bacterial colonies per milliliter.

¹ Definitions:

² Units are in milligrams per liter (mg/L) unless otherwise noted. Milligrams per liter are equivalent to parts per million

³ EPA's surface water treatment rules require systems using surface water or ground water under the direct influence of surface water to (1) disinfect their water, and (2) filter their water or meet criteria for avoiding filtration so that the following contaminants are controlled at the following levels:

Long Term 1 Enhanced Surface Water Treatment (Effective Date: January 14, 2005); Surface water systems or (GWUDI) systems serving fewer than 10,000 people must comply with the applicable Long Term 1 Enhanced Surface Water Treatment Rule provisions (e.g. turbidity standards, individual filter monitoring, *Cryptosporidiu* amoval requirements, updated watershed control requirements for unfiltered systems).

Filter Backwash Recycling; The Filter Backwash Recycling Rule requires systems that recycle to return specific recycle flows through all processes of the system's existing conventional or direct filtration system or at an alternate location approved by the state

- ⁴ more than 5 0% samples total coliform-positive in a month. (For water systems that collect fewer than 40 routine samples per month, no more than one sample can be total coliform-positive per month.) Every sample that has total coliform must be analyzed for either fecal coliforms or *E. coli* two consecutive TC-positive samples, and one is also positive for *E.coli* fecal coliforms, system has an acute MCL violation.
- ⁵ Fecal coliform and *E. coli*fare bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Disease-causing microbes (pathogens) in these wastes can cause diarrhea, cramps, nausea, headaches, or other symptoms. These pathogens may pose a special health risk for infants, young children, and people with severely compromised immune systems
- ⁶ Although there is no collective MCLG for this contaminant group, there are individual MCLGs for some of the individual contaminants:

Trihalomethanes: bromodichloromethane (zero); bromoform (zero); dibromochloromethane (0 06 mg/L). Chloroform is regulated with this group but has no MCLG.

Haloacetic acids: dichloroacetic acid (zero); trichloroacetic acid (0.3 mg/L). Monochloroacetic acid, bromoacetic acid, and dibromoacetic acid are regulated with this group but have no MCLGs.

- ⁷ MCLGs were not established before the 1986 Amendments to the Safe Drinking Water Act. Therefore, there is no MCLG I
- ⁶ Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For
- ⁹ Each water system must certify, in writing, to the state (using third-party or manufacturer's certification) that when acrylamide and epichlorohydrin are used in drinking water systems, the combination (or product) of dose and monomer level does not exceed the levels specified, as follows:

Acrylamide = 0 05% dosed at 1 mg/L (or equivalent)

Epichlorohydrin = 0 01% dosed at 20 mg/L (or equivalent)

National Drinking Water Regulations

updated on Wednesday, February 23rd, 2005

URL: http://www.epa.gov/safewater/mcl.html

SECONDARY (Aesthetics-based-based) Standards

Contaminant	Senondary Standard
Aluminum	0.05 to 0.2 mg/L
Chloride	250 mg/L
Color	15 (color units)
Copper	1.0 mg/L
Corrosivity	noncorrosive
Fluoride	2.0 mg/L
Foaming Agents	0.5 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Odor	3 threshold odor number
pН	6.5-8.5
Silver	0.10 mg/L
Sulfate	250 mg/L
Total Dissolved Solids	500 mg/L
Zinc	5 mg/L

TABLE OF CONTENTS

FINANCIAL SECTION	Page	WATER OPERATING SECTION	Page
Identification	4-6	Water Operating Revenue	30
Comparative Balance Sheet - Assets		Water Utility Expense Accounts	31
and Other Debits	7-8	Pumping and Purchased Water	
Comparative Balance Sheet - Equity		Statistics	32
Capital and Liabilities	9-10	Sales for Resale	33
Comparative Operating Statement	11-12	Water Statistics	33
Statement of Retained Earnings	13	Plant Statistics	34 - 52
Utilty Plant	14		1
Accumulated Depreciation	14		
Water Utlity Plant Accounts	15 & 15A		
Analysis of Accumulated Depreciation			
by Primary Account	16		
Accumulated Amortization	17		
Utlity Plant Acquisition Adjustment	17		1
Investments and Special Funds	18		
Accounts and Notes Receivable - Net	19		
Materials and Supplies	20		
Prepayments	20		
Miscellaneous Deferred Debits	20		
Unamortized Debt Discount and			
Expense and Premium on Debt	21		
Extraordinary Property Losses	21	<u> </u>	1
Accumulated Deferred Income Taxes	21	}	1
Advances for Construction	22		
Capital Stock	22		1
Long Term Debt	23		
Bonds	24		
Schedule of Bond Maturities	24		
Notes Payable	25	•	
Accounts Payable to Associated Co.	25		
Taxes Accrued	26		1
Accrued Interest	27		
Misc. Current & Accrued Liabilities	27A		
Regulatory Commission Expense -		1	
Amortization of Rate Case Expense	28		
Contributions in Ald of Construction	28	į	
Reconciliation of Reported Net Income			
with Taxable Income for Federal			
Income Taxes (Utility Operations)	29		
	-		
	1		
	<u></u>	<u> </u>	1

HISTORY

1.	Exact name of utility making this report. (Use the words "The", "Company" or "Incorporated" only when a part of the corporate name.)
	Kentucky-American Water
2.	Give the location including city, street and number, of the executive office.
	2300 Richmond Road
	Lexington, Kentucky 40502
3.	Give the location, including street and number, and telephone number of the principal office in Kentucky.
	Same as above
4.	Name and address of principal officer within Kentucky.
	Nick O. Rowe
	2300 Richmond Road, Lexington, KY. 40502 (606) 268 - 6320
5.	Give name, title address and telephone number of the officer to whom correspondence concerning this report should be addressed.
	Michael A. Miller
	1600 Pennsylvania Avenue Charleston,WV 25302 (304) 353-6303
	(304) 333-0303
6.	Date of organization. February 27, 1882.
7.	Under the laws of what Government, State or Territory organized? (If more than one, name all. Give reference to each statute and amendments thereof.)
	Incorporated as Lexington Hydraulic & Manufacturing Company by Acts of General Assembly of the Commonwealth of Ky. Chap 22, Approved February 27, 1882.
	Addentity of the Constitutive City, Onep 22, Approved February 21, 1002.

8.	If a consolidated or merger company, name all contingent and all merged companies. Give reference to charters or general laws governing each, and all amendments of same.
	The Articles of Incorporation of Lexington Hydraulic and Manufacturing Company were amended 10/20/1922 to change name to Lexington Water Company. By Agreement of Consolidation dated 9/15/1927, Lexington Water Company and Blue Grass State Water Company were consolidated into one corporation known as the Lexington Water Company. The Articles of Incorporation of the Lexington Water Company were amended 3/30/1973 to change name to Kentucky-American Water Company.
9.	Date and authority for each consolidation and each merger.
	October 20, 1922 - Name change by amendment of Articles of Incorporation September 15, 1927 - Agreement of Consolidation March 30, 1973 - Name change by amendment of Articles of Incorporation
10.	State whether respondent is a corporation, a joint stock association, a firm or partnership, or an individual.
	Corporation
11.	If a reorganized company, give name of original corporation, refer to laws under which it was organized and the occasion for the reorganization.
	See No. 8, above
12.	Name all other operating departments.
	None
13.	Name of counties in which you furnish water service.
	Bourbon, Fayette, Harrison, Scott, Clark, Woodford, Gallatin, Grant and Owen counties. In addition, the company sells water for resale to customers in Bourbon, Jessamine, Scott, and Woodford counties.

REPORT OF KENTUCKY-AMERICAN WATER COMPANY

For Year Ended December 31, 2004

Location where books and records are located:

2300 Richmond Rd. Lexington, KY 40502

Contacts:

		Racio.	
			Salary Charged
Name	Title	Principal Business Address	Utility
Send correspondence			
to:		2300 Richmond Road	
Nick O. Rowe	Nick O. Rowe President Lexington, KY 40502-1308		XXXXXXXXXX
Report prepared by:			
		3906 Church Rd	
Basil J. D'Antonio	Rate Team Lead	Mt. Laurel, NJ 08054	XXXXXXXXXX
Officers & Managers:		2300 Richmond Road	
Nick O. Rowe	President	Lexington, KY 40502-1308	ALLOCATED
		2300 Richmond Road	
Herbert A. Miller, Jr.	Vice President	Lexington, KY 40502-1308	ALLOCATED
	Assistant	1325 Virginia Street	
Thomas Bailey	Comptroller	Charleston, WV 25301	ALLOCATED
	Vice President,	1325 Virginia Street	
Michael C. Miller	Treasurer & Comptroller	Charleston, WV 25301	ALLOCATED
	Assistant Secretary	1325 Virginia Street	
Sheila Valentine	Assistant Treasurer	Charleston, WV 25301	ALLOCATED
Velma A. Redmond	Assistant Secretary		ALLOCATED
1	Assistant	2300 Richmond Road	
Rachel S. Cole	Comptroller	Lexington, KY 40502-1308	\$ 62,817
		1025 Laurel Oak Rd	
John G. Easlick	<u> </u>		ALLOCATED
	Assistant	1025 Laurel Oak Rd.	
Benjamin J. Tartaglia, Jr. Comptroller Voorhees, NJ		ALLOCATED	

Report every corporation or person owning or holding directly or indirectly 5 percent or more of the voting securities of the reporting utility:

	Percent Ownership		Salary Charged
Name	in Utility	Principal Business Address	Utility
American Water Works		1025 Laurel Oak Road	
Company, Inc.	100%	P.O.Box 1770, Voorhes, NJ 08043	N/A
A CONTRACTOR OF THE CONTRACTOR			

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

ACCT.		REF.	PREVIOUS	CURRENT
NO	ACCOUNT NAME	PAGE	YEAR	YEAR
(a)	(b)	(c)	(d)	(e)
<u>(a)</u>	UTILITY PLANT	 	(0)	(e)
	OTHERTECAN			
101-106	Utility Plant	14	274,117,539	288,923,092
	Less: Accumulated Depreciation and Amortization	16	(59,283,171)	(66,027,848)
100 110	Net Plant		214,834,368	222,895,244
114-115	Utility Plant Acquisition		214,004,000	222,000,244
	Adjustments (Net)	17	428,141	407,617
116	Other Utility Plant Adjustments	''	120,111	701,011
''	Sure sure supported			
	Total Net Utility Plant		215,262,509	223,302,861
	, , , , , , , , , , , , , , , , , , ,			
	OTHER PROPERTY AND INVESTMENTS			
			1	
121	Nonutility Property		249,738	249,738
122	Less: Accumulated Depreciation and Amortization			
	Net Nonutility Property			
123	Investment in Associated Companies	18		
124	Utility Investments	18		
125	Other Investments	18		**************************************
126-127	Special Funds	18		· · · · · · · · · · · · · · · · · · ·
				1.1
	Total Other Property & Investments]	249,738	249,738
	CURRENT AND ACCRUED ASSETS			
131	Cash		000 214	ED1 C/C
132	Special Deposits		999,314	581,646
133	Other Special Deposits			
134	Working Funds		2,400	2,400
135	Temporary Cash Investments		۷,400	2,400
	Accounts and Notes Receivable, Less Accumulated			
	Provision for Uncollectible Accounts	19	3,831,272	2,960,440
145	Accounts Receivable from Associated Companies	'	2,383,785	1,528,094
	Notes Receivable from Associated Companies			1,020,004
	Materials and Supplies	20	442,869	536,204
163	Misc Deposits		1,000	1,000
165	Prepayments		11,891	24,310
171	Accrued Interest and Dividends Receivable	-	,001	27,070
172	Rents Receivable			
173	Accrued Utility Revenues	1	3,759,672	4,429,251
174	Misc. Current and Accrued Assets		500,756	161,324
	Total Current and Accrued Assets		11,932,959	10,224,671
	7			

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS (CONT'D)

ACCT.		REF.	PREVIOUS	CURRENT
NO.	ACCOUNT NAME	PAGE	YEAR	YEAR
(a)	(b)	(c)	(d)	(e)
	DEFERRED DEBITS			
181	Unamortized Debt Discount & Expense	21	692,207	612,863
182	Extraordinary Property Losses	21		
183	Preliminary Survey & Investigation Charges		1,486,553	2,192,004
184	Clearing Accounts			•
185	Temporary Facilities			
186	Misc. Deferred Debits	20	11,292,693	9,947,018
187	Research & Development Expenditures			
190	Accumulated Deferred Income Taxes	21		
	Regulatory Assets		4,785,393	4,685,829
	Total Deferred Debits		18,256,846	17,437,715
	TOTAL ASSETS AND OTHER DEBITS		245,702,052	251,214,984
		I .		

NOTES TO THE BALANCE SHEET See attached audited financial statements for notes related to Balance Sheet items.

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

ACCT.		REF.	PREVIOUS	CURRENT
NO.	ACCOUNT NAME	PAGE	YEAR	YEAR
(a)	(b)	(c)	(d)	(e)
(a)		1-10/	7.07	
	EQUITY CAPITAL			
201	Common Stock Issued	22	36,568,776	36,568,776
204	Preferred Stock Issues	22	6,052,800	6,048,500
	Capital Stock Subscribed		0	0
	Capital Stock Liability for Conversion		0	0
207	Premium on Capital Stock		30,489	31,779
209	Reduction in Par or Stated Value of Capital Stock			
210	Gain on Resale or Cancellation of Reacquired Capital Stock			
211	Other Paid-In Capital			
212	Discount on Capital Stock			
213	Capital Stock Expense			
	Retained Earnings	13	26,304,493	25,924,241
216	Reacquired Capital Stock			
218	Proprietary Capital (Proprietorship and Partnership Only)			
	Total Equity Capital		68,956,558	68,573,296
	LONG-TERM DEBT			
004	Danida	0.4	00 500 000	80 500 000
221	Bonds	24	68,500,000	82,500,000
222	Reaquired Bonds			
223	Advances from Associated Companies			······································
224	Other Long-Term Debt			
	Total Long-Term Debt		68,500,000	82,500,000
	CURRENT AND ACCRUED LIABILITIES			:
231	Accounts Payable	1	2,733,664	4,260,319
232	Notes Payable	25	17,173,237	1,090,837
233	Accounts Payable to Associated Co	25	1,144,102	1,034,866
234	Current Long Term Debt	25	0	0
235	Customer Deposits		6,560	6,560
236	Accrued Taxes	26	2,197,787	1,906,235
237	Accrued Interest	27	1,456,724	1,458,572
238	Accrued Dividends		0	0
239	Matured Long-Term Debt			
240	Matured Interest			
241	Tax Collections Payable		439,388	866,410
242	Miscellaneous Current and Accrued Liabilities	27A	1,931,681	1,711,702
	Total Current and Accrued Liabilities		27,083,144	12,335,500

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES (CONT'D)

[AOOT		TSEET	- 55EV/2012	OUSSENIT 1
ACCT.	A COOL BUT NAME	REF.	PREVIOUS	CURRENT
NO.	ACCOUNT NAME	PAGE	YEAR	YEAR
(a)	(b)	(c)	(d)	(e)
	DEFERRED CREDITS		***************************************	
	DEPERRED GREDITS			
251	Unamortized Premium on Debt	21		
	Advances for Construction	22	12,506,787	15,777,400
	Other Deferred Credits	****	3,282,044	3,646,454
	Accumulated Deferred Investment Tax Credits		1,556,324	1,460,729
200	Accumulated Deferred investment Tax Oredits		1,000,024	1,400,723
	Total Deferred Credits		17,345,155	20,884,583
	OTHER NON-CURRENT LIABILITIES			
1	Accumulated Provision for:			
261	Property Insurance		·	
262	Injuries and Damages			
1	Pensions and Benefits			
	Miscellaneous Operating Reserves			
266	Rate Refunds			
	Total Other Non-Current Liabilities			
	CONTRIBUTIONS IN AID OF CONSTRUCTION			
271	Contributions in Aid of Construction	28	37,588,532	39,485,433
	Tap-on Fees - Customers		,	
	Federal Grants in Aid of Construction		*************	
	Other			
272	Accumulated Amortization of Contributions in Aid of			
L	Construction	28	(6,335,848)	(7,262,038)
	35,157,251,511		(0,000,010)	(7,202,000)
	Total Net C.I.A.C.		31,252,684	32,223,395
	ACCUMULATED DEFERRED INCOME TAXES			
281	Accumulated Deferred Income Taxes			
l _	Accelerated Depreciation			*****
282	Accumulated Deferred Income Taxes			
	Liberalized Depreciation			
283	Accumulated Deferred Income Taxes		32,564,511	34,698,208
	Other			
Į.	Total Accumulated Deferred Income Taxes		32,564,511	34,698,208
	TOTAL EQUITY CAPITAL AND LIABILITIES		245 702 052	251 244 002
1	TO THE EWOLLT CAPTUAL AND LIABILITIES		245,702,052	251,214,983
L				****

COMPARATIVE OPERATING STATEMENT

- X-0.=				
ACCT.	4000000	REF	PREVIOUS	CURRENT
NO	ACCOUNT NAME	PAGE	YEAR	YEAR
(a)	(b)	(c)	(d)	(e)
	UTILITY OPERATING INCOME			
400	Operating Revenues	30	42,764,618	42,360,155
401	Operating Expenses	31	20,750,039	23,679,397
403	Depreciation Expenses		5,821,578	6,652,994
406	Amortization of Utility Plant Acquisition Adjustment		21,611	20,524
407	Amortization Expense		678,765	688,491
408.1	Taxes Other Than Income		2,595,827	2,778,013
409.1	Income Taxes		2,319,072	(616,978)
	Deferred Federal Income Taxes		1,111,691	2,333,338
	Deferred State Income Taxes		269,387	(74,236)
	Deferred Local Income Taxes			~~~
	Provision for Deferred Income Taxes Credit			
	Investment Tax Credits Deferred to Future Periods		(0.5.0.50)	(A.M. M.A.A.)
412.11	Investment Tax Credits Restored to Operating Income		(85,352)	(95,596)
	Utility Operating Expenses		33,482,618	35,365,947
	Utility Operating Income		9,282,000	6,994,208
440				
413	Income From Utility Plant Leased to Others			
414	Gains (Losses) from Disposition of Utility Property		725	200,000
	Total Utility Operating Income		9,282,725	7,194,208
	OTHER INCOME AND DEDUCTIONS			
415	Revenues from Merchandising, Jobbing and Contract Deductions		451,506	1,837,286
416	Costs and Expenses of Merchandising, Jobbing and		701,000	1,007,200
	Contract Work		(455, 133)	(1,892,230)
419	Interest & Dividend Income		20	1,531
420	Allowance for Funds Used During Construction		655,695	173,521
421	Nonutility Income			
426	Miscellaneous Nonutility Expenses		(323,553)	(345,524)
	Total Other Income and Deductions		328,535	(225,416)
				()
[
····	4			

COMPARATIVE OPERATING STATEMENT (CONT.D)

ACCT.		REF.	PREVIOUS	CURRENT
NO.	ACCOUNT NAME	PAGE		YEAR
(a)	(b)	(c)	(d)	(e)
	TAXES APPLICABLE TO OTHER INCOME			
	Taxes Other Than Income Income Taxes		(141,183)	(110,617)
	Provision for Deferred Income Taxes		(141,100)	(110,017)
3	Provision for Deferred Income Taxes Credit			·····
1	Investment Tax Credits - Net			
412.21	Investment Tax Credits Restored to Nonoperating Income			
	Total Taxes Applicable to Other Income		(141,183)	(110,617)
	INTEREST EXPENSE			
427	Interest Expense		4,628,555	5,066,716
428	Amortization of Debt Discount & Exp.		77,828	78,573
429	Amortization of Premium on Debt			
	Total Interest Expense		4,706,383	5,145,289
	EXTRAORDINARY ITEMS			
	Extraordinary Income			
434	Extraordinary Deduction			
409.30	Income Taxes, Extraordinary Items		·	***************************************
	Total Extraordinary Items			
	NET INCOME		5,046,060	1,934,120
				:
		<u> </u>		

STATEMENT OF RETAINED EARNINGS

1.	Dividends should be shown for each class and series of capital stock. Show amounts of	
2.	dividends per share. Show separately the state and federal income tax effect of items shown in Account No. 4	39.
ACCT.		ANACHINITO
NO. (a)	(b)	AMOUNTS (c)
215	Unappropriated Retained Earnings:	
	Balance beginning of year Changes to account:	26,304,493
	Adjustments to Retained Earnings (requires	
	Commission Approval prior to use):	
	Credits	
	Credits	
	Total Credits	
	Debits	
	Total Debits	,
435	Balance Transferred from Income Water Sewer	1,895,188
436	Appropriations of Retained Earnings:	84,986
	Total Appropriations of Retained Earnings	
	Dividends Declared:	
437	Preferred Stock Dividends Declared	448,208
	Common Stock Dividends Declared	1,912,217
	Total Dividends Declared	2,360,425
	Balance end of year	
	Darance end of year	(380,251)
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end):	
	Total Appropriated Retained Earnings	
	Total Retained Earnings	25,924,241
		,,
Notes to	Statement of Retained Earnings:	

NET UTILITY PLANT (ACCTS, 101 - 106)

ACCT. NO.	PLANT ACCOUNTS	TOTAL
101 102 103 104 105 106	Utility Plant in Service Utility Plant Leased to Others (Regulatory Asset - AFUDC-Debt) Property Held for Future Use Utility Plant Purchased or Sold Construction Work in Progress Completed Construction Not Classified	282,143,804 272,637 114,076 6,345,740
	Total Utility Plant	288,876,257

ACCUMULATED DEPRECIATION (ACCT. 108)

DESCRIPTION	
Balance first of year	
Credit during year:	59,283,172
Accruals Charged to Account 108.1	7,581,625
Accruals Charged to Account 108.2	
Accruals Charged to Account 108.3	
Accruals Charged to Other Accounts (specify)	
Salvage	1,829
Other Credits (specify):	3 y w was sa
Total Credits	66,866,626
,	33,000,020
Debits during year:	
Book Cost of Plant Retired	481,352
Cost of Removal	357,425
Other Debits (specify):	
Total Debits	838,778
Balance end of year	66,027,848

			WATER U	TILITY PLAN	WATER UTILITY PLANT ACCOUNTS					
						۳:	2.	ε.	4.	ē.
						INTAN-	OF SUPPLY	WATER	TRANS. &	
ACCT.		PREVIOUS		RETIRE-	CURRENT	GIBLE	& PUMPING	TREATMENT	DISTRIBU.	GENERAL
Š.	ACCOUNT NAME	YEAR	ADDITIONS	MENTS	YEAR	PLANT	PLANT	PLANT	PLANT	PLANT
(a)	(a)	(c)	(d)	(e)	(j)	(6)	(h)	<u>(i)</u>	0	(k)
301	Organization	23,020			23,020	23,020	March Ship Ship		Principal Commence	To have a series
302	Franchises	70,261			70,261	70,261		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·	ウインである できる (A)
303	Land and Land Rights	4,133,055	239,953		4,373,008	新加州加州 和	94,930	68,164	3,885,855	324,059
304	Structures and Improvements	18,988,429	1,249,600	148,797	20,089,232	PAGE SECTION OF	5,244,921	8,241,507	1,539,890	5,062,914
305	Collecting & Impounding Reservoirs	1,013,271	187,528		1,200,799		1,200,799	and statement of		计算机分类的表示的
306	Lake River & Other Intakes	581,930			581,930		581,930			Katalah da katalah
307	Wells & Springs	0			0	學主意的思想感	0	The second of th	og the final section of	The second second
308	Infiltration Gallenes & Tunnels	0			0	SHEED WATER	0	National Profession	Sold of the Market Barbert Bar	
308	Supply Mains	5,084,342			5,084,342		5,084,342	提起到毛禁	Los ingeneration	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
310	Power Generation Equipment	572,278			572,278	新建筑的工作	572,278	and the second	e e e e e e e e e e e e e e e e e e e	がないのは、対対の関係
31	Pumping Equipment	10,088,991	6,712		10,095,703		10,095,703			
320	Water Treatment Equipment	23,837,952	301,959		24,139,911		STATE STATES	24,139,911	(5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	A CONTRACTOR OF THE PARTY OF TH
330	Distribution Reservoirs & Standpipes	5,970,481	1,589,793	200	7,560,074	STATE OF THE STATE	ST 18 18 18 18 18 18 18 18 18 18 18 18 18	AND AND LANGERS	7,560,074	The state of the s
33-	Transmission & Distribution Mains	129,254,455	4,772,749	123,602	133,903,602	计位数的分类用	電腦等時間		133,903,602	
333	Services	27,952,740	2,050,206	2,817	30,000,129	NEW WILLIAM		VECTOR NAMES	30,000,129	
334	Meters and Meter Installations	18,749,102	1,949,243	84,261	20,614,084		A STATE OF THE PARTY.		20,614,084	Language Production
335	Hydrants	8,000,212	559,067	10,660	8,548,619				8,548,619	A Commence of the commence of
339	Other Plant and Miscellaneous Equipment	740,702			740,702	740,702				企业的国际中心在水场 。
340	Office Furniture and Equipment	7,340,865	337,132	69,676	7,608,322		CHARLES WEEK		And the figure and street of the	7,608,322
쫉	Transportation Equipment	2,117,031	75,512	27,211	2,165,332			Action from the Dr.	A Contraction of the Second	2,165,332
342	Stores Equipment	35,547			35,547	京型加州政策	(त्राक्रमध्यामित्र (इंडिजेड्र) है	Colonia Colonia	Territorio car	35,547
343	Tools, Shop and Garage Equipment	790,747	1,092	8,916	782,923	深和和西特的	可给四件结合		医异物 计宏控	782,923
344	Laboratory Equipment	872,027			872,027		新春地的过程方		135527 Prof.	872,027
345	Power Operated Equipment	547,998			547,998	新聞記書 医超级	(3) [1] [1] [1] [1] [1]		SALL STORY	547,998
346	Communication Equipment	1,855,940	8,683		1,864,623		Herself Course		110111111111111111111111111111111111111	1,864,623
347	Miscellaneous Equipment	516,671	20,098	1,212	535,556	第三个字句: 1985 (1985)	eralization and the	是是 是是是	The second second	535,556
348	Other Tangible Plant	128,178	5,604		133,782	的是基本的基本的是 EMERITATION	MATERIAL SERVICES	A STATE OF S		133,782
						中文的是《西西斯·	到3年(中央的 对 分类型	ASSESSED OF	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
	Total Water Plant	269,266,224	13,354,932	477,351	282,143,805	833,983	22,874,904	32,449,581	206,052,252	19,933,083
				-15-						

S	SOURCE 3 .4 SOURCE OF SUPPLY WATER TRANS. & & PUMPING TREATMENT DISTRIBU. GE!	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	10,708		在1000年代,	では近くではないのでは、 では近くではないのでは、 では、 では、 では、 では、 では、 では、 では、	2000年100年100年100年100日 100年100日 100年100日 100年10日 100年1	在北京社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会	A CONTRACT STATE	是是是那种的人的对象。 1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,1995年,19	がある。 では、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これ	1000年1100年1100年1100年1100年1100年1100年110	。 一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一种,一	。 《四年》中,中国的《西班通》(四年)),中国的《西班通》(四年),中国的《西班通》(四年)),中国的《西班通》(四年),中国的《西班通》(四年)),中国的《西班通》(四年)),中国的《西班通》(四年)),中国的《西班通》(四年)),中国的《西班通》(四年)),中国的《西班通》(四年)),中国的《西班通》(四年)),中国的《西班通》(四年),中国的《西班通》(四年)),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年),中国的《西班通》(四年)(四年),中国的《西班通》(四年)),中国的《西班通》(四年),中国的《西西通》(四年),中国的《西西通》(四年),中国的《西西通》(四年),中国的《西西通》(四年),中国的《西西通》(四年),中国的《西西通》(四年),中国《西西通》(四年)(四年)(四年)(四年)(四年)(四年)(四年)(四年)(四年)(四年)		在公司等於在公司等於各種的方式。 在公司等於在公司等於各種的方式。 在公司等於在公司等於各種的表面的方式。 在公司等於在公司等於各種的表面的方式。 在公司等於在公司等於在公司等於在公司等於在公司等於在公司等於在公司等於在公司等於		(2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	THE PARTY OF THE PROPERTY OF THE PARTY OF TH	是是是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个			のでは、1990年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の		ing and the property of the state of the sta	0 50,835 0 0 0
SEWER UTILITY PLANT ACCOUNTS	E- CURRENT GIBLE S YEAR PLANT	(5) (1) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	10,708	研究性が対け 対策を担心	THE STATE OF THE S	10年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	(1) 10 10 10 10 10 10 10 10 10 10 10 10 10	を受ける者ができた。 ののは、 の。 の。 の。 の。 の。 の。 の。 の。 の。 の。	李 50 计 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	是 100 年 100	1000000000000000000000000000000000000			The second secon	在影響	Service Services		AND STREET		(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· 新名图 · 中华美国主动民党共和党	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1000000000000000000000000000000000000	4,000 46,835 0
SEWER UTILI	ous Additions	40.127	10,708																							50,835
	ACCOU	Structures and Improvements	Electric Pumping Equipment	***************************************			The state of the s																			Total Sewer Plant
	ACCT.	3 =	363																			*******				

ANALYSIS OF ACCUMULATED DEPRECIATION AND AMORTIZATION BY PRIMARY ACCOUNT 2004

		BAI ANCE	CREDITS DURING THE YEAR	NG THE YEAR	CHARGES DURING THE YEAR	NG THE YEAR	BALANCE
ACCT	1.2	BEGINNING	CHARGES TO	OTHER	PLANT	OTHER	END
Š	ACCOUNT	OF YEAR	DEP. EXP	CREDITS	RETIREMENTS	CHARGES	OF YEAR
æ	(p)	(c)	(þ)	(e)	Φ	(6)	(h)
304	Organization	0					0
302		58,778					58,778
303	Limited Term Interest in Land and Land Rights	1,464					1,464
304	Structures and Improvements	3,343,764	422,141		148,797	115,721	3,501,388
305		244,511	23,305				267,816
306		69,409	12,507				81,915
307	Wells and Springs	0					0
308	Infiltration Galleries and Tunnels	0					0
308	Supply Mains	689,105	56,414				745,518
310		209,951	19,164				229,115
311	Pumping Equipment	3,659,086	357,701				4,016,787
320		9,612,761	965,143				10,577,903
330	Distribution Reservoirs and Standpipes	1,774,736	145,559		200	29	1,920,027
331	Transmission and Distribution Mains	16,742,791	1,551,151	1,829	123,602	46,183	18,125,988
333	Services	9,554,689	1,214,046		2,817	123,454	10,642,464
334	Meters & Meter Installations	3,655,271	514,329		84,261	72,000	4,013,338
335	Hydrants	1,865,364	213,831		10,660		2,068,535
339	Other Plant and Miscellaneous Equipment	212,848	60,107				272,955
340	Office Furniture and Equipment	3,673,093	1,368,943		69,676		4,972,360
341	Transportation Equipment	1,550,574	303,604		27,211		1,826,967
342	Stores Equipment	22,976	1,379				24,354
343	Tools, Shop and Garage Equipment	423,921	56,021		8,916		471,027
344	Laboratory Equípment	332,837	95,362			namarr v	428,198
345	Power Operated Equipment	363,280	50,012				413,292
346	Communication Equipment	270,499	896'88				359,467
347	Miscellaneous Equipment	129,605	24,857		1,212		153,250
348	Other Tangible Plant	240,633	147,72				268,373
	Boonesboro Acquisition	447,969					447,969
	Subtotal	59,149,913	7,572,284	1,829	477,351	357,426	65,889,249
	Acc Depr Reg Asset	75,889	006'9				82,789
	Acc Amort UPIS	7,673					7,673
<u></u>	TOTALS	59,233,475	7,579,184	1,829	477,351	357,426	65,979,711

9

ACCUMULATED AMORTIZATION (ACCT. 110)

DESCRIPTION	TOTAL
Balance first of year	0
Credit during year:	
Accruals Charged to Account 110.1	
Accruals Charged to Account 110.2	
Other Credits (specify)	
Total Cradita	
Total Credits	<u> </u>
Debits during year:	
Book Cost of Plant Retired	
Other Debits (specify)	
Total Debits	0
Balance end of year	0

UTILITY PLANT ACQUISITION ADJUSTMENTS (ACCTS. 114 - 115)

Report each acquisition adjustment and related accumulated amortization separately. For any acquisition adjustment approved by the Commission, include the Order Number.

	ACCOUNT NAME	TOTAL
Acquisition A	djustments (114)	
	Boonesboro Water Association	138,217
	Tri-Village	334,694
	t Acquisition Adjustments	472,911
Accumulated	Amortization (115)	
	Amortization Boones boro Water Association	(48,560)
	Amortization Tri Village Water Association	(16,735)
Total Accu	umulated Amortization	(65,294)
Net Acquisition	on Adjustments	407,617

INVESTMENTS AND SPECIAL FUNDS (ACCTS. 123 - 127)

Report hereunder all investments and special funds carried in Accounts 123 through 127.

	``	FACE OR	YEAR END
DESCRIPTION OF SECURITY OR SPECIAL FUND		PAR VALUE	BOOK COST
(a)		(b)	(c)
INVESTMENT IN ASSOCIATED COMPANIES (ACCT. 123):			
	-		
	-		······································
Total Investment in Associated Companies:	L		
Total involutions in reasonated gorapainee.	ŀ		
UTILITY INVESTMENTS (ACCT. 124):			
, ,			
	Ļ		
;	-		
Tatal Hillian Investments	-		
Total Utility Investments			
OTHER INVESTMENTS (ACCT. 125):			
1001112011			
	Ī		
	Ţ		
	Ĺ		
Total Other Investments			
ODECIAL ELINDO (ACCED ACC 8 407):			
SPECIAL FUNDS (ACCTS, 126 & 127):			
	ŀ		
	ŀ	······································	
	ŀ	······································	
	Ì	······································	
Total Special Funds	Ţ		
	Ī	(

ACCOUNTS AND NOTES RECEIVABLE NET (ACCOUNTS 141 - 144)

Report hereunder all accounts and notes receivable included in Accounts 141, 142 and 144. Amounts included in Accounts 142 and 144 should be listed individually.

DESCRIPTION		TOTAL
ACCOUNTS & NOTES RECEIVABLE: Customer Accounts Receivable (Acct. 141) Other Accounts Receivable (Acct. 142)	623,289	2,506,851
Notes Receivable (Acct. 144)		623,289
Total Accounts and Notes Receivable		3,130,139
Accumulated Provision for Uncollectible Accounts (Acct. 143):		
Balance first of year Add: Provision for uncollectibles for current year Collections of accounts previously written off Utility Accounts Others Yearly Provision Calculation Total Additions Deduct accounts written off during year: Utility Accounts Other	(70,816) 0 (450,398) (75,017) 0 (98,883) (695,114) 525,415	
Total accounts written off Balance end of year		(169,699)
Total Accounts and Notes Receivable - Net		2,960,440

MATERIALS AND SUPPLIES (151 - 153)

ACCOUNT NAME	TOTAL
Plant Materials and Supplies (Account 151)	536,204
Merchandise (Account 152)	
Other Materials and Supplies (Account 153)	
Total Materials and Supplies	536,204

PREPAYMENTS (ACCT. 162)

DESCRIPTION	TOTAL
Prepaid Insurance	О
Prepaid Rents	
Prepaid Interest	
Prepaid Taxes	
Other Prepayments (Specify) Misc Deposits	
IBM Websphere	6,779
JDE Maintenance Fees	15,013
Microsoft Fees	7,863
AWWA Research Fees	(8,032)
Lotus Notes Fees	2,688
Total Prepayments	24,310

MISCELLANEOUS DEFERRED DEBITS (ACCT. 186)

DESCRIPTION	TOTAL
Miscellaneous Deferred Debits (Acct. 186):	
Deferred Rate Case Expense (Acct. 186.1)	4,863
Other Deferred Debits (Acct. 186.2)	9,942,155
Total Miscellaneous Deferred Debits	9,947,018

UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND PREMIUM ON DEBT (ACCTS. 181 & 251)

Report the net discount and expense or premium separately for each security issue.

	AMOUNT	
DESCRIPTION	WRITTEN OFF	YEAR END
DESCRIPTION	DURING YEAR	BALANCE
Ning and Dale Discount and Europea (Acct 181)	DOKING TEAK	DALANCE
Unamortized Debt Discount and Expense (Acct. 181):	000	47.040
Series 8.50%	933	17,649
Series 7.21%	0	0
Series 6.96%	2,325	44,089
Series 6.79%	6,488	4,325
Series 7.15%	2,424	53,643
Series 6.99%	3,256	76,387
Series 6.87%	62,494	390,586
Preferred Stock Series 7.9%	15,251	0
Preferred Stock Series 8.47%	771	24,604
Series 5.65%	654	1,580
	,	
Total Unamortized Debt Discount and Expense	94,595	612,863
Total Orlanortized Debt Discount and Expense	34,090	012,003
Unamortized Premium on Debt (Acct. 251):		
Total Unamortized Premium on Debt		

EXTRAORDINARY PROPERTY LOSSES (ACCT. 182)

Report each item separately.

DESCRIPTION	TOTAL
Extraordinary Property Losses (Acct. 182):	
Total Extraordinary Property Losses	

ACCUMULATED DEFERRED INCOME TAXES (ACCT. 190)

DESCRIPTION	TOTAL
Accumulated Deferred Income Taxes (Acct. 190):	
Federal (190.1) State (190.2) Local (190.3)	
Total Accumulated Deferred Income Taxes	

ADVANCES FOR CONSTRUCTION (ACCT. 252)

DESCRIPTION	TOTAL
Balance first of year	12,506,787
Add credits during year	4,506,705
Deduct charges during year	1,236,091
Balance end of year	15,777,400

CAPITAL STOCK (ACCTS. 201 - 204)

	COMMON STOCK	PREFERRED STOCK
(a)	(b)	(c)
Par or stated value per share	NO PAR	100
Shares authorized	2,000,000	85,000
Shares issued and outstanding	1,567,391	60,485
Total par value of stock issued	36,568,776	6,048,500
Dividends declared per share for year	2.17	8.49

LONG TERM DEBT (ACCT. 224)

DESCRIPTION OF OBLIGATION (INCLUDING NOMINAL DATE OF ISSUE AND DATE OF MATURITY)	INTE	PRINCIPAL PER BALANCE	
DATE OF ISSUE AND DATE OF MATURITY) (a)	RATE (b)	AMOUNT (c)	SHEET DATE (d)
(a)	(0)	(0)	(0)
n/a			
		····	
			
	······		
			<u> </u>
Total		0	0

BONDS (ACCT. 221)

			Par Value of		Interest Dur	ing Year
Line	Par Value of	Cash Realized on	Amount Held by or	Actually Outstanding	Accrued	Actually
No.	Actual Issue	Actual Issue	for Respondent	At Close of Year		Paid
	(1)	(2)	(3)	(4)	(5)	(6)
1						
2						
3	14,000,000	14,000,000	0	14,000,000	554,167	552,319
4	7,000,000	7,000,000	0	7,000,000	487,200	487,200
5	5,500,000	5,500,000	0	5,500,000	373,450	373,450
6	7,500,000	7,500,000	0	7,500,000	536,250	536,250
7	9,000,000	9,000,000	0	9,000,000	629,100	629,100
8	15,500,000	15,500,000	0	15,500,000	1,064,850	1,064,850
9	24,000,000	24,000,000	0	24,000,000	1,356,000	1,356,000
10						
Total	82,500,000	82,500,000	0	82,500,000	5,001,017	4,999,169

SCHEDULE OF BOND MATURITIES

(The total of column 12 must agree with the total of column 4)

Line	Bond	Maturity	Interest	Principal	Amounts	Remaining Bonds
No	Numbers	Date	Rate	Amount	Paid	Outstanding
	(7)	(8)	(9)	(10)	(11)	(12)
1						
2						
3		12/1/2023	6.96%	7,000,000		7,000,000
4		9/1/2005	6.79%	5,500,000		5,500,000
5		2/1/2027	7.15%	7,500,000		7,500,000
6		6/1/2028	6.99%	9,000,000		9,000,000
7		3/29/2011	6.87%	15,500,000		15,500,000
8		6/12/2007	5.65%	24,000,000		24,000,000
9						
10						
11						
12						
13						
14	ļ					
15						
16_						
17						
18						
19					, m	
20						
21						· · · · · · · · · · · · · · · · · · ·
22						
23			7.7			
24			<u></u>			
25			, , , , , , , , , , , , , , , , , , ,			
			Total	68,500,000	0	68,500,000

NOTES PAYABLE (ACCOUNTS 232 & 234)

P	NOMINAL		INTEREST		
	DATE	DATE			PRINCIPAL
	OF	OF		AMOUNT	AMOUNT PER
	ISSUE	MATURITY	RATE	OF PAYMENT	BALANCE SHEET
(a)	(b)	(c)	(d)	(e)	(f)
Account 232 - Notes Payable:					
					1,090,837
Total Account 232					1,090,837
Account 234 - Notes Payable to	0				
Associated Companies:					
Current Portion of Long Term D	Debt				
Total Account 234					

ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES (ACCOUNT 233)

SHOW PAYABLE TO EACH ASSOCIATED COMPANY SEPARATELY	AMOUNT
American Water Works Service Co., Inc.	1,034,866
Total Account 233	1,034,866

TAXES ACCRUED (ACCOUNT 236)

ACCT,		
NO.	DESCRIPTION	TOTAL
(a)	(b)	(c)
	Balance first of year	2,197,787
	Accruals Charged:	
408.10	Utility regulatory assessment fees	94,837
408.11	Property taxes	2,328,079
408.12	Payroll taxes	465,913
408.13	Other taxes and licenses	2,917
408.20	Taxes other than income, other income and deductions	0
409.10	Federal income taxes	(1,001,507)
409.11	State income taxes	434,524
409.12	Local income taxes	
409.20	Income taxes, other income taxes, other income and deductions	
409.30	Income taxes, extraordinary items	
410.10	Deferred federal income taxes	2,293,562
410.11	Deferred state income taxes	(84,455)
410.12	Deferred local income taxes	
410.20	Provisions for deferred income taxes, other income and deductions	
411.10	Deferred income taxes - credit	
411.20	Provisions for deferred income taxes - credit, other income and deductions	
412.10	ITC deferred to future periods	
412.11	ITC restored to operating income	(95,595)
412.20	ITC - Net nonutility operatons	
412 21	ITC - Restored to nonoperating inc., util. operations Total taxes accrued	4 400 075
	Total taxes accrued	4,438,275
	Taxes paid during year:	
408.10	Utility regulatory assessment fees	94,837
408.11	Property taxes	661,586
408.12	Payroll taxes	457,334
408.13	Other taxes and licenses	2,917
408.20	Taxes other than income, net change in sales tax accruals	38,062
409.10	Federal income taxes	901,362
409.11	State income taxes	290,013
409.12	Local income taxes	
409.20	Income taxes, other income taxes, other income and deductions	
409.30	Income taxes, extraordinary items	
410.10	Deferred federal income taxes	2,014,366
410.11	Deferred state income taxes	364,946
410.12	Deferred local income taxes	
410.20	Provisions for deferred income taxes, other income and deductions	
411.10	Deferred income taxes - credit	
411.20	Provisions for deferred income taxes - credit, other income and deductions	
412.10	ITC deferred to future periods	
412.11	ITC restored to operating income	(95,595)
412.20	ITC - Net nonutility operatons	
412.21	ITC - Restored to nonoperating inc., util. operations	
	Total taxes paid	4,729,827
	Balance end of year	1,906,235

ACCRUED INTEREST (ACCOUNT 237)

DESCRIPTION OF DEBT (a)	BALANCE BEGINNING OF YEAR (b)	INTEREST ACCRUED DURING YEAR (c)	INTEREST PAID DURING YEAR (d)	BALANCE END OF YEAR (e)
Account No. 237.1 - Accrued Interest on Long-Term Debt:	1,458,572	5,001,017	5,001,017	1,458,572
Total Acct. No. 237.1	1,458,572	5,001,017	5,001,017	1,458,572
Account No. 237.2 - Accrued Interest on Other Liabilities:				
Notes Payable (ST Bank)	0	0	0	0
Miscellaneous Notes Payable	0	0	0	0
			Marithmeter and the second	
Total Acct. No. 237.2	0	0	0	0
Total Acct. No. 237	1,458,572	5,001,017	5,001,017	1,458,572

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (ACCOUNT 242)

Accrued Water Accrued Power Accrued Wages Accrued Insurance Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable Withheld Payroll - Insurance Premium	OF YEAR (b) 42,006 0 356,133 0 12,000 52,595 0 0 81,851 0 1,433
Accrued Water Accrued Power Accrued Wages Accrued Insurance Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	42,006 0 356,133 0 12,000 52,595 0 0 81,851
Accrued Power Accrued Wages Accrued Insurance Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	0 356,133 0 12,000 52,595 0 0 81,851
Accrued Power Accrued Wages Accrued Insurance Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	0 356,133 0 12,000 52,595 0 0 81,851
Accrued Wages Accrued Insurance Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	0 12,000 52,595 0 0 81,851
Accrued Insurance Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	0 12,000 52,595 0 0 81,851
Accrued Rents Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	12,000 52,595 0 0 81,851
Accrued Preferred Dividend Requirements Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	52,595 0 0 81,851
Accrued Bank Fees Accrued Credit Line Fees Accrued Vacation Payable	0 0 81,851 0
Accrued Credit Line Fees Accrued Vacation Payable	0 81,851 0
Accrued Vacation Payable	81,851 0
	0
Withheld Payroll - Insurance Premium	
	1,433
Withheld Payroll - Union Dues	
Withheld Payroll - Savings Bonds	0
Withheld Payroll - Charitable Contributions	2
Withheld Payroll - Savings Account	0
Withheld Payroll - Credit Union	0
Withheld Payroll - Miscellaneous	1,828
Withheld Payroll - Flexible Spending Accounts	157
Construction Costs Payable	0
Unclaimed Credits	33,396
Uncliamed Extension Deposit Refunds	6,159
Contract Liab Property Purchase Payments	0
Refund Rate Under Bonds	76,654
Withheld Payroll - 401k	3,952
Accrued 401k Expense	24,251
Bank Clearing	1,045,931
Accrued Unbilled Items	9,897
Unbilled Stock E	37,621
Unbilled Stock C	18,300
Accrued ESOP Contribution	11,580
Withheld Payroll - ESOP	1,170
Withheld Payroll - Garnishment	0
Withheld Payroll - Tax Coll Pay FIT/SIT/LIT/FICA	58,421
CFO - Mgmt Contracts	(533,461)
Other Current Liabilities Analyzed	369,827
Accrued Legal	0
Total Miscellaneous Current and Accrued Liabilities	1,711,702
Total miscellations outlett and Accided Liabilities	1,111,102

REGULATORY COMMISSION EXPENSE - AMORTIZATION OF RATE CASE EXPENSE (ACCOUNTS 666 & 667)

	EXPENSE INCURRED	AMOUNT TRANSFERRED		OFF DURING AR
	DURING	TO ACCOUNT		7.01
DESCRIPTION OF CASE (DOCKET NO.)		NO 186 1	ACCT.	AMOUNT
(a)	(b)	(c)	(d)	(e)
Rate Case Expense	0	0		0
Cost of Service Study	0	4,863		0
		<u></u>		

				~~~·
Total	0	4,863	0	0

## **CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271 and ACCOUNT 272)**

DESCRIPTION	TOTAL
Balance first of year	37,588,532
Add credits during year	1,934,461
Deduct charges during year	37,560
Balance end of year	39,485,433
Less Accumulated Amortization	7,262,038
Net Contributions in Aid of Construction	32,223,396

# RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

- The reconciliation should include the same detail as furnished on Schedule M-1 of the Federal tax return for the year. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount and show the computation of all tax accruals.
- 2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating intercompany amounts to be eliminated in such consolidated return. State name of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

DESCRIPTION	REF.	AMOUNT
Net income for the year		1,980,174
Federal Income Tax Accrual		1.106,943
State & Local Income Tax Accrual		328,969
Pre-Tax Book	nk Income	3.416.086
		4.775.550
Permanent Differences:		
Meal & Enterainment		18.999
Nondeductible Penalties		25
Amortization of Perferred Stock Expense		77
Lobbying Expenses		110,310
Total Perman	ent Differences	130,105
Financial Taxable Income		3,546,191
Temporary Differences:		
Uncollectible Accounts		98,88
Vacation Pay		66,31
Customer Deposits		259.320
Taxable Contributions (CIAC)		(87.81)
Rate Case Expense		(944,95
Depreciation & Amortization		•
Reg Asset - AFUDC Debt		(4,080,037
Gains & Losses		6.900
Abandonment Losses		18.182
Cost of Removal		(500.832
Amortization UPAA		(43,217
Cost of Service Study		20,524
Incent Plan (Incen 3)		(3,278
Incent Plan (Incen 5)		31,370
Regulatory Pension (Pension 2)		(22,247
Regulatory Pension (Pension 3)		(53.895
Accrued OPEB	}	277,826
AFUDC (AFUDC 1)		(198.550
AFUDC (AFUDC 1) AFUDC Equity CWIP (AFUDC 2)		(93,693
Amortization of Regulatory (AFUDC 3)		(36,300
		25,728
Deferred Maintenance (Maint 1)		256,490
Miscellaneous Deferred Debits (Misc 1)		821,426
Miscellaneous Deferred Credits (Misc 3) Deferred Security Costs		(4.10.000
Deferred Security Costs  Deferred Customer Service Center Costs		(142.285
Deferred Customer Services Costs  Deferred Financial Services Costs		67.323
	ary Differences	160,090 (4,096,734
Total Comput	ary Differences	[4,050,734
Federal Taxable Income Before SIT		(550,543
State Income Tax Deuction		(379,185
Federal Taxable Income		(929,728
Tax Rate		35%
Federal Incon	ne Tax Payable	(325,405
Provision Adj	ustment	0
Federal Incon	ne Tax Expense	(325,405

## WATER OPERATING REVENUE

		BEGINNING	YEAR END	
ACCT.		YEAR NO.	NUMBER	
NO.		CUSTOMERS		AMOUNTS
	(b)	i		i i
(a)	(b)	(c)	(d)	(e)
	Operating Revenues			
460	Unmetered Water Revenue			
461	Metered Water Revenue:			
461.1	Sales to Residential Customers	97,718	99,267	22,428,480
461.2	Sales to Commercial Customers	8,250	8,164	10,692,569
461.3	Sales to Industrial Customers	16	20	1,384,794
461.4	Sales to Public Authorities			1,001,701
461.5	Sales to Multiple Family Dwellings			
461.6	Sales through Bulk Loading Stations	<u> </u>		9,780
	j	<del></del>		
	Total Metered Sales	105,984	107,451	34,515,623
462	  Fire Protection Revenue:			
462.1	Public Fire Protection	36	1,555	1,898,742
462.2	Private Fire Protection	1,183	1,206	854,523
	The state of the s	.,	1,200	004,020
	Total Fire Protection Revenue	1,219	2,761	2,753,265
464	Other Sales to Public Authorities	487	484	3,217,866
465	Sales to Irrigation Customers			0,2,000
466	Sales for Resale	9	10	830,706
467	Interdepartmental Sales		<u> </u>	
	Total Sale of Water	107,699	110,706	41,317,460
	Other Water Revenues:			
470	Forfeited Discounts			
471	Miscellaneous Service Revenues			136,026
472	Rents from Water Property			103,104
473	Interdepartmental Rents			
474	Other Water Revenues			803,565
475	Provision for Rate Refunds			
	Total Other Water Revenues			1,042,695
	Total Water Operating Revenues			42,360,155

# WATER UTILITY EXPENSE ACCOUNTS

					WATE	REXPENSE A	WATER EXPENSE ACCOUNT MATRIX	RIX		
				.2	E.	4.	τċ	9.	7.	æ
			SOURCE OF	SOURCE OF	WATER	WATER	TRANS. &	TRANS. &		ADMINIS-
			SUPPLY	SUPPLY	TREATMENT	TREATMENT	DISTRIBU.	DISTRIBU.	CUSTOMER	TRATIVE &
ACCT.		CURRENT	EXPENSES-	EXPENSES-	EXPENSES	EXPENSES-	EXPENSES-	EXPENSES-	ACCOUNTS	GENERAL
ġ.	ACCOUNT NAME	YEAR	OPERATION	MAINTEN.	OPERATION	MAINTEN.	OPERATION	MAINTEN.	EXPENSE	EXPENSES
<u>a</u>	(p)	(0)	( <del>p</del> )	(e)	Œ)	(a)	(J)	(6)	(3)	(K)
		; ; ;	1							
601	Salaries & Wages - Employerok	4,926,470	0	64,576	1,325,418	111111111111111111111111111111111111111	1,209,750	557.717		788,770
603	Salaries & Wages - Officers, Directors &									
	Majority Stockholders ok	0								0
604	Employee Pensions & Benefits	2,449,495				(872)				2,450,367
610	Purchased Water ok	496,743	496,743	Sanda Carata Carata		TOTAL STREET	A RECEIVED A CONTRACTOR	海	STATE OF THE STATE	
615	Purchased Power ok	1,939,552	209,624	はあるのでは、	1,729,635		294			
616	Fuel for Power Production	0	0					C.		
618	Chemicals ok	1,226,578			1,226,578			And the second of the second o		公主 医生产等
620	Materials and Supplies	730,056	. E. E. 2,960	701,691,07	E. 25,911;	1.31,5 92,720	36.711	- 324,098	462	789,87
631	Contractual Services - Eng	13,023						105 THE 120	94.	3.4.4.1.2,973:
632	Confractual Services - Acct	36,640								36 640-
633	Contractual Services - Legal	268,391								268,391
634	Contractual Services - Management Fees	6,135,981		400	三三十47,762				28,435	-5 959 784
635	Contractual Services - Other	515,941		0	% ct 148,124	0	43,491	0	115,702	. 207,961;
641	Rental of Bldg./Real Property	5,664					1674/231			三三3,191
642	Rental of Equipment	68,935		esp.	(542) (£45)		142/14		######################################	
650	Transportation Expenses	401,983	LT. 1.1666		1.06425445		290'#35575		<b>- 10     874</b>	395/321
656	Insurance - Vehicle ok	(3,838)							22.04	(3,838)
657	Insurance - General Liability ok	308,484							100	308,484
658	Insurance - Worker's Comperok	72,305								1.1.72,305
629	Insurance - Other ok	104,943								104,943,
999	Advertising Expense	46,731	東の東の第二条の第二条の第二条	如此是 (1)	Section of the second			PARTE BANK TO THE PARTE OF THE	2.24 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	46,731
999	Regulatory Commission Expense									
	- Amortization of Rate Ca ok	0	を 10 mm を 10 mm	ACTOR STREET	はは、大学のでは、大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大				の場合はおけるのの	0
667	Regulatory Commission Expense									
1	- Other	22,811								22,81
670	Bad Debt Expense	450,398			· 中国的社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会					
675	Miscellaneous Expenses	3,462,110	Free 27,724	(13/795)	287,015	7. 206,925	+ + 307 ₄ 139,	308,184	257.010.732	7,428,187
	Total Water Utility Expenses	23,679,397	739,379	219,888	4,889,328	406,184	1,645,166	1,190,049	2,379,405	12,209,999
									-	

#### **PUMPING AND PURCHASED WATER STATISTICS**

<u> </u>		WATER	WATER	TOTAL WATER	WATER SOLD		
		PURCHASED	PUMPED	PUMPED AND	TO		
FOR RESALE PURCHASED CUSTOM							
(Omit 000's) (Omit 000's) (Omit 000's) (Omit 000'							
(a) (b) (c) (d) (e)							
January 13,117 1,768,843 1,781,960 1,390,688							
February 12,918 1,060,743 1,073,661 871,704							
_	March 11,412 1,017,410 1,028,822 1,047,824						
April	<u> </u>						
May							
June							
uly 20,200 1,401,291 1,421,491 1,033,293							
August 14,959 1,240,081 1,255,040 962,119							
Reptember 25,442 1,501,888 1,527,330 1,377,53							
October							
November		30,758	1,054,359	1,085,117	879,882		
December		17,807	742,279	760,086	693,101		
COOTHIGG		1,007	,74,413	700,000	090,101		
Total for year	Total for year 225,767 14,705,442 14,931,209 12,299,153						
Maximum gallons pumped by all methods in any one day (Omit 000's): 56,890							
C	Date	6/29/2004					
Minimum gallons pumped by all methods in any one day (Omit 000's): 29,850							
ganor, o pani	, ····		, o ala, (o ///// 1/3-	-,-			
C	Date	11/26/04					
If water is purchased for resale, indicate the following:							
Vendor: Winchester Municipal Utilities, City of Owenton, Gallatin County Water District							
	Georgetown Municipal Water & Waste Water.						
Point of Delivery: Clark County (4), Owen County (4), Gallatin County (1)							
	•						
If water is sold to other	water utilitie	ss for redistributi	on, list names o	such utilities del	ow:		
CITY OF MIDV	VAY						
EAST CLARK	WATER	,	***		•		
CITY OF NOR	TH MIDDLE	TOWN		***	•		
CITY OF NICH					•		
CITY OF VER		WWW.tt			•		
		HORN WATER I	DISTRICT (2)		•		
		TER DISTRICT			•		
			D SEWER SERV	/ICE	•		
					•		
					•		
			······································		•		
***************************************					•		
	· · · · · · · · · · · · · · · · · · ·				•		
					•		
<u> </u>							

15.5%

#### SALES FOR RESALE (466)

LINE #	COMPANY	1,000 GALLONS	AVG. RATE (CENTS)	AMOUNT
4				
2	2 EAST CLARK WATER 52 6.18			
3	3 CITY OF NORTH MIDDLETOWN 76,043 2.03			
4	4 CITY OF NICHOLASVILLE 27,714 2.23			
5	5 CITY OF VERSAILLES 7,484 2.98			
6	JESSAMINE SOUTH ELKHORN WATER DIST (2 ACCTS) 176,299 2.03			357,316
7	HARRISON COUNTY WATER DISTRICT 25,893 2.10			54,369
8				
9				0
10   TOTAL   397,784   2.08   WATER STATISTICS			826,083	
	WATER STATISTICS			
LINE # 1	ITEM WATER PRODUCED AND PURCHASED:	***************************************		1,000 GALLONS
2				14,705,442
3	3 Water Purchased			225,767
4 TOTAL PRODUCED AND PURCHASED 5			14,931,209	
6	Water Sales:			
7	Residential			5,729,658
8	Commercial			4,011,583
9	Industrial			755,945
10	Bulk Loading Station			2,965
11	Resale	·		398,383
12 Other Sales - Public Authority 13 TOTAL WATER SALES			1,375,251	
13 14	TOTAL WATER SALES			12,273,785
15	OTHER WATER USED:			· · · · · · · · · · · · · · · · · · ·
	Utility/ Water Treatment			0
16 Utility/ Water Treatment 17 Wastewater Plant				
18	System Flushing		······································	
19	Fire Department			
20	Other ( Construction, Flushing, Disinfection, Etc.)			349,226
21	OTHER WATER USED			349,226
22	**************************************			,
23	Water Loss		· · · · · · · · · · · · · · · · · · ·	2,308,198
24		······	***************************************	***************************************
25	TOTAL OTHER WATER USED			2,657,424
26				
	······································			

27 Water Loss Percentage:

# PLANT STATISTICS AS OF DECEMBER 31, 2004

#### Provide the following information:

- 1. Number of public fire hydrants, by size.
- 2. Number of private fire hydrants, by size.
- 3. Whether water supply is river, impounded streams, wells, springs, artificial lake or collector type well.
- 4. Whether supply is by gravity, pumping, or a combination.
- 5. Type, capacity, and elevation of reservoirs at overflow and ground level.
- 6. Miles of main by size and kind.
- 7. Types of filters: gravity or pressure, number of units, and total rated capacity in gallons per minute.
- 8. Type of chlorinators, number of units and capacity in pounds per 24 hours.
- 9. Station equipment. List each pump separately, giving type and capacity and H.P. of driving unit and character of driving unit (steam, electric, or internal combustion). State whether pump is high or low duty.
- 10. Quantity of fuel used: coal in pounds, gas in cu.ft., oil in gallons, and electric in kWh.
- 11. Give a description and total cost of any sizable additions or retirements to plant in service outside the normal system growth for the period covered by this report.
- 12. Capacity of clear well.
- 13. Peak month, in gallons of water sold.
- 14. Peak day, in gallons of water sold.

PLEASE REFER TO PAGES 35 THROUGH 54.

## KENTUCKY-AMERICAN WATER COMPANY PLANT STATISTICS (ITEMS 1 THROUGH 4) AS OF DECEMBER 31, 2004

#### 1) Number of public fire hydrants:

Fayette County	6,529
Scott County	193
Clark County	10
Bourbon County	56
Woodford County	8
Total Public	6,796

#### 2) Number of private fire hydrants:

Fayette County	733
Scott County	56
Clark County	-
Bourbon County	-
Woodford County	9
Total Private	798

#### 3) Source of water supply:

Kentucky-American Water Company's major source of supply is the Kentucky River, located twelve miles southeast of downtown Lexington. The company also utilizes Lake Ellerslie which impounds West Hickman Creek and Jacobson Reservoir which impounds East Hickman Creek.

#### 4) Method of water supply:

Water from the Kentucky River is pumped up a 400 foot cliff through three water lines to the adjacent treatment facility (Kentucky River Station). Raw water from the Kentucky River can also be pumped to Jacobson Reservoir or directly to the Richmond Road Station. The impounded waters of Jacobson Reservoir are pumped to a treatment facility in Lexington (Richmond Road Station). Lake Ellerslie, located adjacent to the Richmond Road Station, is used only as a standby supply.

## KENTUCKY-AMERICAN WATER COMPANY PLANT STATISTICS (ITEM 5) AS OF DECEMBER 31, 2004

## 5) Reservoir Statistics:

## **Greater Fayette System**

	37.00 35.25
	e 55.50 00.50
	9 67.00 02.50
	57.00 7.00
	32.00 07.00
	Storage 85.50 25.50
	ge  3.50  9.50
	25.00 5.00
•	98.50 80.00
	20.00 22.00
	ge 85.50 22.50

# KENTUCKY-AMERICAN WATER COMPANY PLANT STATISTICS (ITEM 5) AS OF DECEMBER 31, 2004

	AS OF DECEMBE	
	Clays Mill Tank #2 - 3,000,000 Gallon Ground	Storage
5)	Foundation Elevation	985.50
	Overflow Elevation	1,022.50
	Briar Hill Tank - 750,000 Gallon Elevated	
	Foundation Elevation	1,012.00
	Overflow Elevation	1,150.00
	Owen County System	
	Long Ridge Tank - 100,000 Gallon Standpipe	
	Foundation Elevation	965.00
	Overflow Elevation	1,043.60
	Glencoe Tank - 100,000 Gallon Standpipe	
	Foundation Elevation	793.00
	Overflow Elevation	820.30
	Sparta Tank - 50,000 Gallon Standpipe	0.40.00
	Foundation Elevation	640.00
	Overflow Elevation	663.00
	Brombley Tank - 177,000 Gallon Standpipe	000.00
	Foundation Elevation	908.00
	Overflow Elevation	1,015.00
	Hesler Tank - 237,000 Gallon Standpipe Foundation Elevation	053.00
	Overflow Elevation	953.00 1,055.00
	Overnow Elevation	1,000.00
	Monterey Tank - 117,000 Gallon Standpipe	
	Foundation Elevation	600.00
	Overflow Elevation	652.00
	Wheatley Tank - 186,000 Gallon Standpipe	
	Foundation Elevation	908.26
	Overflow Elevation	1,015.00
	Elk Lake Tank - 100,000 Gallon Standpipe	0.40 ===
	Foundation Elevation	910.50
	Overflow Elevation	1,015.00
	New Columbus Tank - 229,000 Gallon Standp	•
	Foundation Elevation	909.5
	Overflow Elevation	1021.5

# KENTUCKY-AMERICAN WATER PLANT STATISTICS (ITEM 6) AS OF DECEMBER 31, 2004

1 OF 3

CENTRAL DIVISI	ONNORTHERN DIVIS	SON FASED	SYSTEM
----------------	------------------	-----------	--------

SIZE	KIND	FEET		RTHERN DIVISION LEASED SYSTE  FEET FEET		
-	11112	(MILES)	(MILES)	(MILES)		
36	R/W LJ	256				
		0.048				
36	DI	368				
00		0.070				
30	DI	61427				
30	CONC	11.634 46 <b>1</b> 52				
30	CONC	8.741				
30	R/W DI	46649				
00	1017 51	8.835				
30	R/W CONC	1789				
		0.339				
24	CONC	83387				
		15.793				
24	DI	235052				
		44.517				
20	DI	11611				
20	CONO	2.199				
20	CONC	18136 3.435				
20	R/W AC	12116				
	1017710	2.295				
20	CI	13901				
		2.633				
20	R/W CI	1481				
		0.280				
20	R/W DI	0				
20		0.000				
20	R/W STEEL	520 0.098				
14	PEP	3450				
• •	· •	0.653				
16	DI	6634				
		1.256				
16	CONC	19022				
		3.603				
16	CI	54283				
		10.281				
16	AC	179036				
16	DAMO	33.908 14381				
10	R/W CI	2.724				
16	R/W DI	527				
, ,	, u . y luri	0.100				

KENTUCKY-AMERICAN WATER

PLANT STATISTICS (ITEM 6)

AS OF DECEMBER 31, 2004

KENTUCKY-AMERICAN WATER

2 OF 3

1 OF 3

PLANT STATISTICS (ITEM 6)

AS OF DECEMBER 31, 2004

#### CENTRAL DIVISION NORTHERN DIVISION LEASED SYSTEM

		CENTRAL DIVISION NO	RTHERN DIVISION L	EASED SYSTEM
SIZE	KIND	FEET	FEET	FEET
	·····	(MILES)	(MILES)	(MILES)
12	CI	273879		
		51.871		
12	AC	287392		
		54,430		
12	DI	539826		
40		102.240		
12	PVC	20268		
40	٠.	3.839		
10	CI	1286		
40	40	0.244		
10	AC	24796 4.606		
10	C1	4.696		
10	DI	0.000 0		
8	CI			
O	CI	<b>480476</b> 90.999		
8	AC	804793		
Ü	AG	152.423		
8	PVC	1795452	89020	
O	770	340.048	16.860	
8	DI	476488.5	10.000	
U	Di	90.244		
6	CI	539453		
Û	O,	102.169		
6	AC	959758	132000	
_		181.772	25.000	
6	PVC	354787.9	115900	87330
		67.195	21 951	16.540
6	DI	172178		910
		32.609		0.172
4	AC	235343	164460	
		44.573	31.148	
4	CI	89843		
		17.016		
4	PVC	33415.1	191010	49408
		6.329	36.176	9.358
4	GAL	1213		
		0.230		
4	DI	51013		520
		9.662		0.098
4	STEEL	60		
		0.011		
3	AC	39900	27000	
		7.557	5.114	

KENTUCKY-AMERICAN WATER

PLANT STATISTICS (ITEM 6)

AS OF DECEMBER 31, 2004

KENTUCKY-AMERICAN WATER

3 OF 3

1 OF 3

PLANT STATISTICS (ITEM 6)

AS OF DECEMBER 31, 2004

#### CENTRAL DIVISION NORTHERN DIVISION LEASED SYSTEM

SIZE	KIND	FEET FEET	FEET	FEET
-		(MILES)	(MILES)	(MILES)
2	51.40	4 ***	474040	
3	PVC	158592 30.036	174940 33.133	
3	GAL	767	33.133	
•	O, 12	0.145		
3	CI	0		
		0.000		
3	STEEL	45		
		0.009		
2.5	PVC	43160		
		8.174		
2.2	CI	77194		
		44,517		
2	CI	74330		
		14.078		
2	PVC	70507	46880	
		3.435	8.879	
2	GAL.	14828	15840	
		2.808	3.000	
2	VARIOUS	222		
		0.042		
1.2	CI	2086		
		0.395		
1	PVC	11		
		0.002		
SUB TOTAL		8433476	957050	138168
		1597.249	181.259	26.168
TOTAL				9528694
				1804.677

## KENTUCKY-AMERICAN WATER COMPANY PLANT STATISTICS (ITEMS 7 THROUGH 8) AS OF DECEMBER 31, 2004

#### 7) Types of filters:

Kentucky River Station

Type: Gravity Units: 10

Capacity Per Unit Per Minute: 0.00278 MG/min Total Capacity Per Minute: 0.02778 MG/min

DOW Temporary High Rate: 0.0313 MG/min (on peak)

Richmond Road Station

Type: Gravity Units: 16

Capacity Per Unit Per Minute: 0.00109 MG/min Total Capacity Per Minute: 0.01736 MG/min

#### 8) Chlorinators:

Kentucky River Station

Type: Wallace & Tiernan Model V-2020

Units: 4

Capacity: 3,000 pounds per day
Total Capacity: 12,000 pounds per day

Richmond Road Station

Type: Wallace & Tiernan Model V-2020

Units:

Capacity: 3 @ 3,000 pounds per day
Total Capacity: 9,000 pounds per day

TRI-VILLAGE

Long Ridge Wallace & Tiernan Hwy. 22 & 127 Wallace & Tiernan

#### 9) Station Equipment

#### KENTUCKY RIVER STATION CONDENSED SYSTEM DATA

A. PLANT CAPACITY - 40,000,000 gallons

DOW TEMPORARY HIGH RATE - 45,000,000 gallons (on peak)

B. SOURCE OF SUPPLY - Kentucky River

C. INTAKE (Low Service) - Kentucky River

Pump No. 1: Peerless Vertical Turbine Pump 8680 GPM (12.50 MGD) 401.6 Feet Total Dynamic Head Model No. 27MA and Serial No. 258669 Purchased in 1990 under Work Order No. A-7218 1250 H.P. General Electric Induction Motor Model No. 8436468601 and Serial No. 840384 In Service April 1992

Pump No. 2: Peerless Vertical Turbine Pump 8680 GPM (12.50 MGD)-401.6 Feet Total Dynamic Head Model No. 27MA and Serial No. 258672 Purchased in 1990 under Work Order No. A-7218 1250 H.P. General Electric Induction Motor Model No. 8436468601 and Serial No. 840380 In Service April 1992

Pump No. 3: Peerless Vertical Turbine Pump 8680 GPM (12.50 MGD) 401.6 Feet Total Dynamic Head Model No. 27MA and Serial No. 258667 Purchased in 1990 under Work Order No. A-7218 1250 H P. General Electric Induction Motor Model No. 8436468601 and Serial No. 840383 In Service April 1992

#### C. INTAKE (Low Service) - (Continued)

Pump No. 4: Peerless Vertical Turbine Pump 8680 GPM (12 50 MGD) 401.6 Feet Total Dynamic Head Model No. 27MA and Serial No. 258668 Purchased in 1990 under Work Order No. A-7218 1250 H.P. General Electric Induction Motor Model No. 8436468601 and Serial No. 840382 In Service February 1992

Pump No. 5: Peerless Vertical Turbine Pump
8680 GPM (12.50 MGD)
401.6 Feet Total Dynamic Head
Model No. 27MA and Serial No. 258670
Purchased in 1990 under Work Order No. A-7218
1250 H.P. General Electric Induction Motor
Model No. 8436468601 and Serial No. 840381
In Service February 1992

Pump No. 6: Peerless Vertical Turbine Pump

8680 GPM (12.50 MGD)

401.6 Feet Total Dynamic Head

Model No. 27MA and Serial No. 258671

Purchased in 1990 under Work Order No. A-7218 1250 H.P. General Electric Induction Motor Model No. 8436468601 and Serial No. 840385

#### D. RAW WATER TRANSFER STATION

Pump No. 8: Patterson Pump, Centrifugal Split Case

Size/ 18x14 MABS

7600 GPM (11 MGD), 315 TDH Serial No. 91PT16109A14

Purchased in 1992 under BP 91-8 (A-7421) 900 H.P. General Electric Induction Motor

Type K, Frame 8309S Serial No. 831036

In Service September 1992

#### D. RAW WATER TRANSFER STATION - (Continued)

Pump No 9: Patterson Pump, Centrifugal Split Case

Size/ 18x14 MABS

7600 GPM (11 MGD), 315 TDH Serial No. 91PT16108A14

Purchased in 1992 under BP 91-8 (A-7421) 900 H.P. General Electric Induction Motor

Type K, Frame 8309S Serial No. 831037 In Service September 1992

Tri-Village Pressure Pump

Pump 1 - 127 PACO LC 3070 225 GPM 130 TDH

Electric High Efficiency

Pump 2 - 127 & 22

PACO 3070-7 806 GPM 145 TDH Electric High Efficiency

#### E. RAW WATER CONTROL VAULT

The 36-inch raw water line enters the control vault which contains a Pratt Rubber Seated Butterfly, electric operated, size 30-inch serial No. 8-1067-86, year 1991, PSIG MAX,150. This valve is controlled from the computer located in the control room.

Purchased in 1980 under Work Order No. A-4810

#### F. CHEMICAL RAPID MIX BASINS

There are two mix tanks One high energy mix tank equipped with lightning mixer with 50 h p , U S, motor drive adjustable speed.

One low energy mix tank equipped with 15 h.p., U.S. motor drive, adjustable speed. Chlorine, coagulant aid, polyaluminum chloride, carbon ferric chloride, caustic soda, polymer and lime slurry are added to raw water. After mixing, water leaves tanks via two 30-inch mains to the ten (10) Aldrich units.

Purchased in 1980 under Work Order No. A-4810

#### G. ALDRICH UNITS

Ten Aldrich Units (hydrotreators) equipped with automatic sludge removal and mixed media filters and equipped with Dorr-Oliver variable frequency drives. Each unit 69' 8-inches in diameter and 17' 9-inches high.

- 1, 2, 3, 4 Purchased in 1958 under Work Order No. A-521
- 5, 6 Purchased in 1966 under Work Order No. A-1919

#### G. ALDRICH UNITS - (Continued)

- 7.8 Purchased in 1970 under Work Order No. A-2535
- 9, 10 Purchased in 1980 under Work Order No. A-4808

#### H. FILTERS (outside portion of Aldrich Units)

Total of ten filters. 4 MGD rating. 720 square feet of filter area per unit. 40 MGD total.

All filters are equipped with surface wash capability; chlorine and filter aid can be applied to the settled water prior to filtration.

Two wash water pumps, Worthington 10 HH-110-3 (1.44 MGD), US motor, 25 h p., 440 volts. Purchased in 1958 under Work Order No. A-665. Pumps to two ground storage tanks with 0.53 MG of capacity. tanks with 0.53 MG of capacity.

#### I. CLEARWELLS

Ammonia, zinc orthophosphate, caustic soda and hydrofluorosilicic acid are applied to the filtered water just prior to the clearwells.

One concrete clearwell located under control building. (0.485 MG capacity)

Purchased in 1958 under Work Order No. A-746

One concrete clearwell located under control building. (.490 MG) and is connected to first clearwell by (2) 36-inch sluice gates and (1) 48-inch sluice gate.

Purchased in 1970 under Work Order No. A-2537

One above ground steel clearwell 110' in diameter by 30' high holding 2 0 MG is connected to No. 1 and No. 2 well by 24-inch pipeline.

Purchased in 1982 under Work Order No. A-4806

#### J. CLEARWELL TRANSFER PUMP

Pump used to fill No. 3 clearwell, Allis Chalmers vertical pump model 500, 3500 GPM (5 MGD) vs. 25' TDH, GE motor, 40 h p , 460 volts.

#### K. HIGH SERVICE PUMPS

1) H.S. Pump No. 10, Peerless discharge, flung bowls, 3 stage, 5560 GPM (8.0 MGD) vs. 380' TDH, Siemaen electric motor, 700 h.p., 4160 volts.

Purchased in 1988 under Work Order No. A-6425

- H.S. Pump No. 11, Patterson vertical turbine, PVT, Size/Type-19 RMC, 5556 G.P.M. (8 MGD), 380' TDH, U.S. Electric Motor, 700 H.P., 4160-volt, 1780 R P.M. (Purchased in 1998 under BP 98-03, W O. No. A-8919)
- 3) H.S. Pump No. 12, DeLaval Pump, 2 stage, 5600 GPM (8.5 MGD) vs. 380' TDH, Ideal motor, 700 h p., 4160 volts. (Purchased in 1966 under Work Order No. A-1872).
- 4) H.S. Pump No. 13, DeLaval P16/14D, 7000 GPM (10 MGD), vs. 380' TDH, Continental Electric motor, 800 h.p., 4160 volts. (Purchased in 1966 under Work Order No. A-1967).
- 5) H.S. Pump No. 14 Peerless vertical turbine, 24 MA/H X B, 7000 GPM (10 MGD) vs. 380' TDH, Westinghouse motor, 800 h.p., 4160 volts (Purchased in 1970 under Work Order No. A-2536).
- 6) H.S. Pump No. 15 Allis Chalmers vertical turbine, H20 x 16, VTMC-7, 7000 GPM (10 MGD) vs 380' TDH, Continental electric motor, 900 h.p., 4160 volts.

Purchased in 1981 under Work Order No. A-4812

#### L. STANDBY EQUIPMENT

H.S. Pump No. 15 - Allis Chalmers vertical turbine VTMC-7, 7000 GPD (10 MGD) vs. 380' TDH, diesel driven by Detroit Diesel V-16, through a right angle drive, 765 h.p. (Purchased in 1981 under Work Order No. A-4804).

Emergency Generator No. 1 - Detroit Diesel, 4 Cyl., 90 k.w., 480 volts. (Purchased In 1981 under Work Order No. A-4805).

Emergency Generator No. 2 - Detroit Diesel, 4 Cyl, 75 k.w., 480 volts (Purchased in 1981 under Work Order No. A-4811).

#### M. IN PLANT MONITORING EQUIPMENT

Level	- Kentucky River
Chemtrac Streaming Current Monitor	- Treated Water
Hach	- Raw Water
Prominent and Wallace and Tiernan	- Treated Water
Hach	- Entrance to Clearwell
Leeds and Northrum	- Distributed water
Loss of Head	- Filters
Rate of Flow	- Filters
Level	- Filters
Turbidimeters (12) Hach	- Filtered water (each filter)
, ,	- Raw Water
	- Distributed water
Particle Counts (12) IBR	- Entrance to Clearwell
·	- Filtered water (each filter)
	- Distributed water
Chlorine Residual Analyzers - Hach	- Entrance to Clearwell
-	- Distributed water
Prominent and Wallace and Tiernan	- Treated Water
Phosphate Analyzer	- Distributed water
Flouride Analyzer	- Distributed water
Monochloramine Analyzer	- Distributed water
SCADA (entire plant operations)	- Intake Pumps
	- Raw water flow control
	- Transfer pumps
	<ul> <li>Supernatant pit pumps</li> </ul>
	- Filter backwash water handling system
	- Filter operations
	- Dechlorination system
	- Distributed water vaults
	- Chemical feed ssytems
	- Filter operations
	- Clearwell levels

# RICHMOND ROAD STATION CONDENSED SYSTEM DATA

A. PLANT CAPACITY - 25,000,000 gallons

DOW TEMPORARY HIGH RATE - 30,000,000 gallons (on peak)

B. SOURCE OF SUPPLY - Kentucky River

Jacobson Reservoir - 745 MG Lake Ellerslie Reservoir - 88.7 MG

C. INTAKE (Low Service)

- Kentucky River See Plant Statistics (Item 9.C Intake <LOW SERVICE> -Kentucky River Station)
- 2) Jacobson Reservoir
  - a L.S. Pump Unit No. 1, DeLaval A-1018L, 2800 GPM (4* MGD) vs. 110' TDH, Westinghouse motor, 100 h p.. 440 volts. (Purchased in 1966 under Work Order No. A-2050).
- b. L.S. Pump Unit No. 2, DeLaval A-1018L, 2800 GPM (4* MGD), vs. 110 `TDH, Westinghouse motor, 100 h p , 440 volts. (Purchased in 1966 under Work Order No. A-2050).
- c L.S Pump Unit No 3. Allis Chalmers Model, 205-848-503, 8350 GPM (12* MGD) vs. 180* TH, Ideal motor. 400 h p., 2300 volts (Purchased In 1956 under Work Order No. A-472)
  - * Low service pumps nos 1.2 and 3 have name plate ratings of 4.4 and 12 MGD respectively. Historical performance since the installation of a 30-inch line on the outlet side of the pumps and a reduction in head pressure has been 6.6 and 16 MGD respectively.
- d Aeriation System

Two (2) Ingersoll-Rand rotary screw air compressors with capacities of 117 CFM and 30 HP each supply the aeration system for Jacobson Reservoir. The aerator lines consist of two runs of tubing, 3,600 feet each, complete with buoyancy hose.

- 3) Lake Ellerslie Reservoir
  - a L.S. Pump Unit No. 5, Ingersoll-Rand 12 AFV, 4160 GPM (6 MGD) vs. 50" TH, GE motor, 60 h p , 440 volts. (Purchased in 1948 under Work Order No. E-152).
  - b. L.S. Pump Unit No. 4. DeLaval 250544, 2800 GPM (4 MGD) vs. 50" TH, GE motor, 40 h.p., 440 volts. (Purchased in 1938).

-47-

#### D. JACOBSON RESERVOIR INTAKE

The 24-inch line from the Jacobson Reservoir intake feeds a 16-inch, 20-inch, and a 24-inch main which, in turn, feeds to the suction side of the Jacobson Reservoir L.S. pumps, 1, 2, and 3. Also connected into the 24-inch line is a 30-inch raw water line from the Kentucky River

The Lake Ellerslie Reservoir Intake has two (2) 24-inch lines leaving the intake to feed the suction of L S pumps No. 4 and 5. From the discharge side two (2) lines go to the chemical feed vault, a 12-inch and 20-inch. Potassium permanganate is added to the raw water at the intake for taste and odor control.

#### E INFLUENT RAW WATER VAULT

The 30-lnch. 20-lnch and 16-inch raw water mains from Jacobson Reservoir flow into two (2) raw water control vaults inside the plant property

Pre chlorine and pre caustic are fed at each raw water control vault. The remaining treatment chemicals are added at the influent of each sedimentation basin.

#### F. RAPID MIX FLOCCULATORS AND SEDIMENTATION BASINS

There are two (2) - 1.5 MG concrete settling basins each equipped with rapid mix at the point of application and eight (8) flocculators in each chamber passage directly in front of the Riffle plate aerators. Water is carried to these basins by a 30-inch and 24-inch main. Water departs these basins in a 30-inch main which splits into two 24-inch mains which loop the filter building. At the rapid mix, aluminum sulfate, caustic, ferric chloride, carbon, cationic polymer, and chlorine are applied.

#### G. FILTERS

A total of 16 filters rated at 1 56 MGD each, 20" x 17" or 340 sq. ft. each, with Leopold bottoms and air wash backwash. The media consists of 24 Inches of granular activated carbon and six inches of sand. Filter aid can be applied to each filter when necessary

#### G. FILTERS - (Continued)

One wash pump, Allis Chalmers Model C-3, 1000 GPM (1 44 MGD) vs. 90' TH, GE motor, 20 h.p., 440 volts which pumps to a steel 50,000 gallon wash water tank. 24' in diameter by 14' 10 - ½ inch high. The filter water gravity drips into a 0 6 MG clearwell under the filter building and flows by gravity through two 30-inch mains to a below-ground concrete clearwell of 0 45 MG capacity. Caustic soda, hydrofluorosilicic acid, ammonia, and zinc orthophosphate are added to the filtered water prior to entering the 0 45m clearwell. Chlorine is added prior to and after the 0 6 MG clearwell

#### H. HIGH SERVICE PUMPS

- 1) H.S. Pump No. 8, Ingersoil Rand. 2780 GPM (4.0 MGD) vs. 240' TH, Continental motor, 200 h p., 460 volts. (Purchased in 1955 under Work Order No. A-452)
- 2) H.S. Pump No. 7, DeLaval, 8333 GPM (12 0 MGD) vs. 240° TH. Continental motor, 500 h.p., 460 volts. (Purchased in 1955 under Work Order No. A-452).
- 3) H.S. Pump No. 6, Det.aval, 4520 GPM (6.5 MGD) vs. 190° TH. Continental motor, 250 h.p., 460 volts. (Purchased in 1953 under Work Order No. A-252).

#### I HIGH SERVICE PUMPS WITH STANDBY DIESEL EQUIPMENT

- 1) H.S. diesel driven pump No. 9, Patterson Pump, 4862 GPM (7.0 MGD) VS 235, Cummins diesel 372 HP. (Purchased in 1993 under Work Order No. A-7322).
- H S diesel driven pump No. 11, Peerless, 2800 GPM (4.03 MGD) vs 220' TH. 180 h p diesel driver (Purchased in 1965 under Work Order No. A-1784).
- 3) H S diesel driven pump No. 10, DeLaval, 3850 GPM (5 54 MGD) vs 231' TH, GM diesel, 580 h p., or electric driven by Continental motor. 250 h p., 460 volts. (Purchased in 1988 under Work Order No. A-6424 under BP-84-10).

#### J. STANDBY EQUIPMENT

Emergency Generator No 1 (High Service Pumps) - GM diesel Model 6151E, 440 volt, 115 KW.

Emergency Generator No. 2 (Chemical Feed Systems) - Onan Mocel 250 ODFM17R/3028N, 250 KW, 312 5 KVA. 390 h p. (Purchased in 1988 under Work Order No. A-6218).

Emergency Generator No. 3 (Sludge Processing Systems) - Onan Model 500, ODFY-4xR/30285E, 500 KW, 625 KVA, 760 h.p. (prucahsed in 1988 under Work Order No. A-6218).

#### J. IN-PLANT MONITORING EQUIPMENT

IN-PLANT MUNITURING EQUIPMENT	
Level	- Jacobson Reservoir
Chemirac Streaming Current Monitor	- Treated Water
pH	- Treated Water
Loss of Head	- Filters
Rate of Flow	- Filters
Level	- Filters
Turbidimeters (19)	-Raw water
	- Filtered Water (each filter)
	Entrance to clearwell
	-Effluent
Chlorine residual analyzers (5)	-Treated water
	-North and south basins
	- Entrance to Clearwell
	- Distributed Water
SCADA (entire plant operation)	-Intake pumps
	-Raw water flow control
	-Filler operation
Particle counts	-Distributed water
	-Filter backwash water handling system
	-Distributed water venturi
Flouride	-Distributed water
	-Chemical feed system
	-Distributed water @ RRS
	-Distributed system operation

-50-

#### K. SYSTEM STORAGE

Twenty-one (21) storage tanks ranging in size from 100,000 gallons to 3.000,000 gallons with a total storage capacity of 17,660,000 gallons (does not include clearwell storage)

Greater Fayette System         Tates Creek Road Elevated       0.50         Cox Street Elevated       1.00       195         Cox Street Ground       1.00       194         York Street Ground       1.00       194         Mercer Road Elevated       2.00         Parkers Mill Road Ground       3.00         Sadieville Standpipe       0.38       197         Hall Standpipe       0.21         Muddy Ford Standpipe       0.75       198         Hume Road Ground       3.00       198         Briar Hill Tank       0.75       199         Clays Mill Tank 1       3.00       1996	R
Cox Street Elevated       1.00       195         Cox Street Ground       1.00       194         York Street Ground       1.00       194         Mercer Road Elevated       2.00         Parkers Mill Road Ground       3.00         Sadieville Standpipe       0.38       197         Hall Standpipe       0.21         Muddy Ford Standpipe       0.75       198         Hume Road Ground       3.00       198         Briar Hill Tank       0.75       199	
Cox Street Ground       1 00       194         York Street Ground       1 00       194         Mercer Road Elevated       2 00         Parkers Mill Road Ground       3 00         Sadieville Standpipe       0 38       197         Hall Standpipe       0 21         Muddy Ford Standpipe       0 .75       198         Hume Road Ground       3 .00       198         Brlar Hill Tank       0 .75       199	
York Street Ground       1 00       194         Mercer Road Elevated       2.00         Parkers Mill Road Ground       3.00         Sadieville Standpipe       0 38       197         Hall Standpipe       0 21         Muddy Ford Standpipe       0.75       198         Hume Road Ground       3 00       198         Briar Hill Tank       0.75       199	õ
Mercer Road Elevated       2.00         Parkers Mill Road Ground       3.00         Sadieville Standpipe       0.38       197         Hall Standpipe       0.21         Muddy Ford Standpipe       0.75       198         Hume Road Ground       3.00       198         Brlar Hill Tank       0.75       199	3
Parkers Mill Road Ground       3.00         Sadieville Standpipe       0.38       197         Hall Standpipe       0.21         Muddy Ford Standpipe       0.75       198         Hume Road Ground       3.00       198         Brlar Hill Tank       0.75       199	3
Sadieville Standpipe       0 38       197         Hall Standpipe       0 21         Muddy Ford Standpipe       0.75       198         Hume Road Ground       3.00       198         Brlar Hill Tank       0.75       199	
Hall Standplpe       0.21         Muddy Ford Standplpe       0.75       198         Hume Road Ground       3.00       198         Brlar Hill Tank       0.75       199	
Muddy Ford Standpipe         0.75         198           Hume Road Ground         3.00         198           Brlar Hill Tank         0.75         199	5
Hume Road Ground         3.00         198           Briar Hill Tank         0.75         199	
Briar Hill Tank 0.75 199	3
	7
Clays Mill Tank 1 3 00 199	Э
	3
Clays Mill Tank 2 3.00 200-	;
Owen County System	
Long Ridge 0.10	
Brombley 0.18	
Sparta 0.05	
Glencoe 0.10	
New Wheatley 0.17	
Hester 0.23	
Monterey 0.12	
Elk Lake 0.10	
New Columbus 0.23 2000	2
TOTAL TANK STORAGE 20.86	
CLEARWELLS	
Clearwells - KY River Station 1.00	
Clearwells - Richmond Road Station 1.00	
Clearwells - Storage Tank KRS 2.00	
TOTAL TANK/CLEARWELL STORAGE 24.86	

#### KENTUCKY-AMERICAN WATER COMPANY PLANT STATISTICS (ITEMS 10 THROUGH 14) AS OF DECEMBER 31, 2004

#### 10) Quantity of Fuel Used:

Coal:

Gas:

Electricity: 51,613,884 kWh

#### 11) Description of Sizable Plant Additions/Retirements:

Major hydraulic improvements (piping) completed in 2003 with most attendat SCADA improvements completed in 2004 and remainder to be completed in 2005. In the summer of 2004 the 3 MG Clay's Mill ground tank #2 was completed and placed in service.

#### 12) Clear Well Capacities:

#### Kentucky River Station

Clearwell No. 1 - Concrete structure under control building	485,000	Gallons
Clearwell No. 2 - Concrete structure under and adjacent to building	490,000	Gallons
Clearwell No. 3 - Steel above ground reservoir	2,000,000	Gallons

#### Richmond Road Station

Clearwell No. 1 - Concrete structure underneath filters	600,000	Gallons
Clearwell No. 2 - Concrete structure adjacent to pumping station	450,000	Gallons

#### 13) Peak Month of Water Sold:

January was the peak month for water sold with sales of 1,390,688 gallons.

#### 14) Peak Day of Water Sold:

Based on our peak day delivery of 56,890,000 gallons on June 29, 2004 and using an 84.5 % sales/delivery ratio, our estimated peak day sales would be 48,095,442 gallons.

# OATH

Commonwealth o	Kentucky	_)		
County of	Fayette			
	(Inse	Michael A. Miller makes oath and says rt here the name of the affiant)		
that he is	/Inc	of ent here the official title of the affiant)		
	,	, in the second of the second		
		American Water Company at legal title or name of the respondent)		
that it is his duty to have supervision over the books of account of the respondent and to control the manner in which such books are kept; that he knows that such books have, during the period covered by the foregoing report, been kept in good faith in accordance with the accounting and other orders of the Public Service Commission of Kentucky, effective during the said period; that he has carefully examined the said report and to the best of his knowledge and belief the entries contained in the said report have, so far as they relate to matters of account, been accurately taken from the said books of account and are in exact accordance therewith; that he believes that all other statements of fact contained in the said report are true; and that the said report is a correct and complete statement of the business and affairs of the abovenamed respondent during the period of time from and including				
January 1 , 20 04 , to and including December 31 , 20 04				
		Michael 4. Milla		
		(Signature of official)		
Subscribed and swo				
State and County a	oove named, thi	s 30 day of March ,20 05		
(APPLY SEAL HERE)				
My commission ex	pires <u>(</u>	January 24, 2007  (Signature of officer authorized to administer oaths)		