



OVER 100 YEARS OF SUPERIOR SERVICE

Artesian Water Company ▲ Artesian Wastewater Management ▲ Artesian Utility Development ▲ Artesian Water Pennsylvania  
▲ Artesian Water Maryland ▲ Artesian Wastewater Maryland

Via E-File and UPS

Date Filed: 5/25/17

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May 25, 2017

Mr. David Collins, Executive Secretary  
Maryland Public Service Commission  
William Donald Schaefer Tower, 16th Floor  
6 St. Paul Street  
Baltimore, Maryland 21202

FILED  
MAY 25 2017  
PUBLIC SERVICE COMM  
OF MARYLAND

Re: AWMD Annual Report for 2016

Dear Mr. Collins:

Artesian Water Maryland, Inc. hereby submits its Annual Report for 2016. Please contact me at (302) 453-6986 if you have any questions regarding the attached report.

Respectfully submitted,

*Scott W. Stephan*  
Scott W. Stephan  
Rates Analyst

RECEIVED  
Public Service Commission

MAY 30 2017

ACCOUNTING INVESTIGATIONS  
DIVISION

cc: David B. Spacht

**SEWAGE DISPOSAL UTILITY  
AND/OR  
WATER UTILITY  
(CLASSES C and D)  
ANNUAL REPORT**

**OF**

---

**ARTESIAN WATER MARYLAND, INC.  
(NAME OF RESPONDENT)**

---

**664 Churchmans Road, Newark DE 19702  
(ADDRESS OF RESPONDENT)**

**TO THE**

**PUBLIC SERVICE COMMISSION  
OF MARYLAND**

**FOR THE YEAR ENDING DECEMBER 31, 2016**

ATTENTION IS DIRECTED TO THE FOLLOWING EXCERPTS FROM THE PUBLIC SERVICE  
COMMISSION LAW OF MARYLAND, CODIFIED AS ARTICLE 78 OF THE ANNOTATED CODE  
OF MARYLAND, EDITION OF 1957

SEC. 2. DEFINITIONS

(c) "Public service company" means a common carrier company, gas company, electric company, steam heating company, telephone company, telegraph company, water company, sewage disposal company, and/or any combination thereof. Two public service companies shall be considered of the same class, where they are both common carrier companies or both gas companies, electric companies, gas and electric companies, steam heating companies, telephone companies, telegraph companies, water companies, or sewage disposal companies.

SEC. 28. AFFIRMATIVE DUTIES

Every public service company shall, in addition to such other duties as may be specifically imposed by this article:

(b) File with the Commission an annual report for the preceding calendar year, and such special reports, information, contracts and records or copies thereof as the Commission may direct. The Commission may require that documents filed under this section be under oath.

SEC. 67. RECORDS AND REPORTS OF PUBLIC SERVICE COMPANIES

(b) *Annual report to be verified; contents.* - The annual report of every public service company shall be verified by oath of the president,

treasurer or general manager and, in addition to such other information as might be required by the Commission, shall show: (1) Amount and kind of authorized capital stock, and of capital stock issued and outstanding, (2) amount and kinds of authorized bonded indebtedness, and of bonds and other forms of evidence of indebtedness issued and outstanding, (3) receipts and expenditures for the year reported, (4) the amount paid as dividends and interest upon bonds or other similar indebtedness, (5) the amount of salary paid to each officer, by name, and the amount paid as wages to employees, and (6) the location of its plants with a full description of its plant and franchises, stating in detail how each franchise stated to be owned was acquired.

SEC. 102. FORFEITURES.

(a) *Failure to file report, answer question or furnish information.* - Any public service company which fails to file its annual report with the Commission within the time limited by this article, or extended by the Commission; or fails to give a full, specific and responsive answer to any question reasonably directed to it by the Commission, or fails to make any report or furnish any information required by the Commission, within 30 days from the deadline fixed for such report or answer, shall be liable to forfeit the sum of \$100 for each day it is in default with respect to any one or more of the foregoing requirements.

Every inquiry contained in the accompanying forms for the annual report must be definitely answered. Where the word "none" truly and completely states the fact, it may be given as the answer to any particular inquiry or any particular portion of any inquiry. Except in cases where they are specially authorized, cancellations, arbitrary check-marks and the like must not be used either as partial or as entire answers to inquiries. If any inquiry, based upon a preceding inquiry in the present report forms, is, because of the answer rendered to such preceding inquiry, inapplicable, to the person or corporation in whose behalf the report is made, the words "not applicable" should be used in answer thereto, and precise reference must be made to the particular portion of the report showing the facts which make the inquiry inapplicable.

Definitions of Terms used in the present Report. - Except where the context clearly indicates some other meaning, the following terms, when used in the forms have the meanings below stated:

Respondent means the person or corporation in whose behalf the report is made. The year means the year covered by this report. The close of the year means the close of business on December 31, of the year covered by this report. The beginning of the year means the beginning of business on January 1 of the year covered by this report. The preceding year means the calendar year next preceding the year covered by this report.

Answers to the inquiries contained in the following forms must be complete. No answer will be accepted as satisfactory which attempts by reference to any paper or document other than the present report to make the paper or document or portion thereof thus referred to a part of the answer without setting it out.

All answers should be made in a permanent black ink, except those of a contrary and unusual character (like deficits, for example) which should be made in a permanent red ink.

Each respondent should make its annual report to this Commission in duplicate, retaining one copy for its files for reference in case correspondence with regard to such report becomes necessary. For this reason two copies of the accompanying forms are sent to each corporation concerned.

Sheets inserted or accompanying the present forms when returned and intended by the respondent to be made part of its annual report should be securely and permanently attached hereto (preferably along the inner margin of the page to which attached) in such a way that they cannot be removed without mutilation of the report, and in such case that if removed their removal or detachment will be readily apparent. Attachment by pins or clips is insufficient.

The Public Service Commission desires to have a complete file of annual reports of public service corporations to their stockholders. To that end the reporting corporation is requested to file in connection with its annual report to the Public Service Commission two copies of its latest annual report to stockholders if such report is in print; if not in print, that fact should be stated.

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**CLASSIFICATION OF UTILITIES**

For the purpose of applying systems of accounts prescribed by the Commission, water utilities are divided into four classes, as follows:

- Class A Utilities having annual water operating revenues of \$500,000 or more
- Class B Utilities having annual water operating revenues of \$250,000 or more but less than \$500,000
- Class C Utilities having annual water operating revenues of \$50,000 or more but less than \$250,000
- Class D Utilities having annual water operating revenues of less than \$50,000

The class to which any utility belongs shall originally be determined by the average of its annual water operating revenues for the last three consecutive years. Subsequent changes in classification shall be made when the annual water operating revenues for each of the three immediately preceding years shall exceed the upper limit, or be less than the lower limit, of the annual water operating revenues of the classification previously applicable to the utility

Any utility may, at its option, adopt the system of accounts prescribed by the Commission for any larger class of utilities

Attention is called to the following requirements of the Annual Report

**COMPARATIVE BALANCE SHEET, PAGES 8 and 9.**

The column for "Net Changes During Year" should be filled out and net changes agree with the differences between the amounts given as "Balance at Beginning of Year" and "Balance at End of Year "

The "Unappropriated Earned Surplus," on page 9, should agree with the amount shown by the "Earned Surplus or Deficit Account," on page 19.

**CAPITAL STOCK AND LONG-TERM DEBT, PAGE 14**

Full particulars called for regarding Capital Stock and Long-Term Debt must be given.

**INCOME ACCOUNT AND EARNED SURPLUS OR DEFICIT, PAGES 17, 18 AND 19.**

These statements must be made separately and the "Balance at End of Year" of the Earned Surplus or Deficit Account must agree with the amount set up in the Comparative Balance Sheet.

**COMPARISON WITH PRECEDING YEAR.**

"Comparison with Preceding Year" means the increase or decrease of any given item as compared with the amount for the year previous for that item.

### IDENTITY OF RESPONDENT

(a) Give the exact name\* by which the respondent was known in law at the close of the year.

Artesian Water Maryland, Inc.

(b) Give the name, title and office of the officer of the respondent or other person to whom should be addressed any communication concerning this report.

Scott Stephan, Rates Analyst

(c) Give the location (including street and number) of the main business office of the respondent at close of the year.

664 Churchmans Road Newark, DE 19702

(d) State whether any change was made in the name of the respondent during the year, and if any, give such changes and the dates when they were made.

None.

(e) State whether the respondent is a firm or partnership, and if so, give the names of the several partners and the extent of their respective interests.

N/A

(f) State the kinds of business, other than Water, in which the respondent was engaged at any time during the year. If none, state the fact.

None.

Give the names and office addresses of the several directors of the respondent at the close of the year and the dates of expiration, of their respective terms. If any person abandoned, resigned from, or was ousted from a directorship during the year give full particulars thereof in a footnote.

Line No.	Name of Director	Office Address	Term Began	Term Expires	Remarks
1	Kenneth R. Biederman	664 Churchmans Road, Newark DE	May-15	May-18	
2	Dian C. Taylor	664 Churchmans Road, Newark DE	May-14	May-17	
3	John R. Eisenbrey, Jr.	664 Churchmans Road, Newark DE	May-14	May-17	
4	William C. Wyer	664 Churchmans Road, Newark DE	May-16	May-19	
5	Nicholle Taylor	664 Churchmans Road, Newark DE	May-16	May-19	
6					
7					
8					
9					
10					

Give the titles of all officers of the respondent at the close of the year, the names of persons holding such offices on that date, and the date when each originally entered upon the discharge of the duties of his office. If any persons abandoned, resigned from, or was ousted from any such office during the year, give full particulars thereof in a footnote.

Line No.	Title of Officer	Name of Person Holding Office	Office Address	Date of Entry Upon Office	Remarks
1	President and CEO	Dian C. Taylor	664 Churchmans Road, Newark De	Sep-92	
2	Senior Vice President	Nicholle Taylor	664 Churchmans Road, Newark De	May-12	
3	Exec VP/Corp Secretary	Joseph DiNunzio	664 Churchmans Road, Newark De	Jul-92	
4	CFO and Treasurer	David Spacht	664 Churchmans Road, Newark De	Jul-92	
5	VP and Assistant Treasurer	Jennifer Finch	664 Churchmans Road, Newark De	Feb-10	
6	Senior VP, Operations	John Thaeder	664 Churchmans Road, Newark De	Feb-98	
7	VP Information Technologies	Pierre A. Anderson	664 Churchmans Road, Newark De	May-12	

Give the date of incorporation of respondent, and under laws of what State or Territory organized.

9/4/1981 Delaware

Give the names and addresses of all competitors.

None

Does the Respondent make a printed Report to its Stockholders? If so, two copies should be submitted.

N/A

\* Use the initial word "the" when (and only when) it is a part of the name, and distinguish between the words company and corporation, etc. If an individual, give full name.

**CORPORATE CONTROL OVER RESPONDENT**

1. Did any corporation or corporations hold control over the respondent at the close of the year? Yes.

If control was so held, state:

- (a) The form of control, whether sole or joint;
- (b) The name of the controlling corporation or corporations;

- (a) Sole
- (b) Artesian Resources Corporation

(c) The manner in which control was established:

Holding Company Structure

(d) The extent of control:  
Complete

(e) Whether control was direct or indirect:

Direct

(f) The name or names of the intermediary or intermediaries through which control, if indirect, was established (see note):

N/A

2. Did any individual, association, or corporation hold control, as trustee, over the respondent at the close of the year? No.

If control was so held, state:

(a) The name of the trustee:

(b) The name of the beneficiary or beneficiaries for whom the trust was maintained:

(c) The purpose of the trust.

Note: In cases where control of the respondent is in a holding company a statement should be submitted showing the intermediate chain of ownership or control to the main parent company.

## CORPORATIONS CONTROLLED BY RESPONDENT

Line No.	Name of Company Controlled	Kind of Service	Character of Control					Name of Intermediary, If Indirectly Controlled
			Sole or Joint	Form of Control and How Established	Extent %	Direct or Indirect	Other Parties to Joint Control, If Any, Whether Directly or Indirectly Controlled	
1								
2								
3								
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N/A

### INTER-CORPORATE TRANSACTIONS

If during the year any account was charged with an amount which was paid or credited to an affiliated company, the account or accounts affected, the respective amounts involved and the name of the affiliated company should be given as indicated.

Line No.	Account	Amount	Paid or Credited to
1	1460000000	\$ 5,573,843	Artesian Resources Corporation (Parent)
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Full explanation of the foregoing amounts, as to nature, such as engineering services, management fees, materials and supplies furnished, equipment (give in detail as meters, pipe, etc.), interest, finance charges, etc., and also the reason for handling the transaction in the manner indicated should be given for each item.

Line No.	Explanation
1	Line of Credit through parent company - Artesian Resources Corporation
2	
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11	
12	
13	
14	
15	
16	
17	
18	

### VOTING POWERS AND ELECTIONS

1. State the par value of each share of stock: Common, \$ 1 per share; First preferred, \$ N/A per share; Second preferred, \$ N/A per share; Debenture stock, \$ N/A per share.

2. State whether or not each share of stock has the right to one vote; if not, give full particulars in a footnote. - Each share is entitled to one vote.

3. Are voting rights proportional to holdings? N/A If not, state in a footnote the relation between holdings and corresponding voting rights.

4. Are voting rights attached to any securities other than stock. If so, name in a footnote each security, other than stock, to which voting rights are attached (as of the close of the year), and state in detail the relation between holdings and corresponding voting rights, stating whether voting rights are actual or contingent, and if contingent showing the contingency.

5. Has any class or issue of securities any special privileges in the election of directors, trustees, or managers, or in the determination of corporate action by any method? N/A If so, describe in a footnote each such class or issue and give a succinct statement showing clearly the character and extent of such privileges.

6. Give the date of the latest closing of the stock book prior to the actual filing of this report, and state the purpose of such closing. N/A

7. State the total voting power of all security holders of the respondent at the date of such closing, if within one year of the date of such filing; if not, state as of the close of the year N/A Votes as of (Date)

8. State the total number of stockholders of record, corresponding to the answer to Inquiry No. 7. N/A stockholders.

9. Give the name of the twenty security holders of the respondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent (if within one year prior to the actual filing of this report), had the highest voting powers in the respondent, showing for each his address, the number of votes which he would have had a right to cast on that date had a meeting then been in order, and the classification of the number of votes to which he was entitled, with respect to securities held by him, such securities being classified as common stock, second preferred stock, first preferred stock, and other securities, stating in a footnote the names of such other securities (if any). If any such holder held in trust give (in a footnote) the particulars of the trust. If the stock book was not closed or the list of stockholders compiled within such year, show such twenty security holders as of the close of the year.

Line No.	Name of Security Holder	Address of Security Holder	Number of Votes to which Security Holder Was Entitled	Number of Votes, Classified with Respect to Securities on which based			
				Common	Preferred		Other Securities with Voting Power
					First	Second	
1	Artesian Resources Corporation	664 Churchmans Rd	1,000	1,000	0	0	0
2		Newark, DE 19702					
3							
4							
5							
6							
7							
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20							

10. State the total number of votes cast at the latest general meeting for the election of directors of the respondent. votes cast.

11. Give the date and place of such meeting.

Artesian Water Maryland, Inc. is a wholly-owned subsidiary of Artesian Resources Corporation and thus all shares of Artesian Water Maryland are held by Artesian Resources Corporation.

### COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

Show the items of the asset (or debit) side of the general balance sheet of the respondent, as of the beginning and those of the end of the year for each item or total, show the net change during the year, showing the net increases in black and net decreases in red.

Line No.	Account Numbers			Balance at beginning of year	Balance at end of year	Net changes during year Increase (Decrease)
	Class C	Class D				
1			<b>UTILITY PLANT</b>			
2	100	100	Utility Plant WATER	22,880,416	23,998,706	1,118,290
3	110	110	Accumulated Provision for Depreciation and Amortization of Water Plant	(1,576,047)	(1,652,612)	(76,564)
4			Net Utility Plant WATER	21,304,369	22,346,095	1,041,726
5	111	111	Utility Plant SEWAGE	0	0	0
6	112	112	Accumulated Provision for Depreciation and Amortization of Sewage Plant	0	0	0
7			Net Utility Plant SEWAGE	0	0	0
8			<b>OTHER PROPERTY AND INVESTMENTS</b>			
9	121	121	Non-Utility Property	0	0	0
10	122	122	Accumulated Provision for Depreciation and Amortization of Nonutility Prop'ty			0
11			Net Nonutility Property	0	0	0
12	124	124	Other Investments	32,521	55,324	22,803
13	125	125	Special Funds	0	0	0
14			Total Other Property and Investment	32,521	55,324	22,803
15			<b>CURRENT AND ACCRUED ASSETS</b>			
16	131	131	Cash and Working Funds	0	0	0
17	132	132	Temporary Cash Investments	0	0	0
18	141	141	Notes Receivable	27,007	20,219	(6,788)
19	142	142	Customers Accounts Receivable	468,609	459,059	(9,550)
20	143	143	Other Accounts Receivable	81,460	38,686	(42,774)
21	144	144	Accumulated Provision for Uncollectible Accounts-(Cr)	(19,052)	(18,837)	215
22	145	145	Notes Receivable from Associated Company	0	0	0
23	146	146	Accounts Receivable from Associated Company	(2,979,479)	(5,573,843)	(2,594,364)
24	150	150	Materials and Supplies	9,807	8,916	(891)
25	165	165	Prepayments	133,933	141,780	7,846
26	170	170	Other Current and Accrued Assets	0	0	0
27			Total Current and Accrued Assets	(2,277,714)	(4,924,020)	(2,646,305)
28			<b>DEFERRED DEBITS</b>			
29	181	181	Unamortized Debt Discount and Expense	0	0	0
30	182	182	Extraordinary Property Losses	0	0	0
31	183	183	Other Deferred Debits	1,494,916	1,389,194	(105,722)
32			Total Deferred Debits	1,494,916	1,389,194	(105,722)
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51			Total Assets and Other Debits	20,554,091	18,866,593	(1,687,498)

## COMPARATIVE BALANCE SHEET - LIABILITIES AND OTHER CREDITS

Show the items of the liability (or credit) side of the general balance sheet of the respondent, as of the beginning and those of the end of the year, and for each item or total, show the net change during the year, showing the net increases in black and net decreases in red.

Line No.	Account Numbers			Balance at beginning of year	Balance at end of year	Net changes during year Increase (Decrease)
	Class C	Class D				
1			<b>PROPRIETARY CAPITAL</b>			
2	201	201	Common Capital Stock	1,000	1,000	0
3	204	204	Preferred Capital Stock	0	0	0
4	207	207	Other Paid-In Capital	8,455,133	8,455,133	0
5	212	212	Installments Received on Capital Stock	0	0	0
6	213	213	Discount on Capital Stock	0	0	0
7	214	214	Capital Stock Expense	0	0	0
8	215	215	Appropriated Earned Surplus	0	0	0
9	216	216	Unappropriated Earned Surplus	(3,264,608)	(3,700,230)	(435,622)
10	217	217	Reacquired Capital Stock	0	0	0
11	218	218	Non-Corporate Proprietorship	0	0	0
12			Total Proprietary Capital	5,191,525	4,755,903	(435,622)
13			<b>LONG-TERM DEBT</b>			
14	221	221	Bonds	0	0	0
15	223	223	Advances from Associated Companies	0	0	0
16	224	224	Other Long-term Debt	0	0	0
17			Total Long-Term Debt	0	0	0
18			<b>CURRENT AND ACCRUED LIABILITIES</b>			
19	231	231	Notes Payable	1,021	721	(300)
20	232	232	Accounts Payable	101,584	383,724	282,140
21	233		Accounts Payable to Associated Companies	0	0	0
22	234		Notes Payable to Associated Companies	0	0	0
23	235	235	Customer Deposits	0	0	0
24	236	236	Taxes Accrued	1,315	3,649	2,334
25	237	237	Interest Accrued	12,687	9,665	(3,022)
26	238	238	Other Current and Accrued Liabilities	7,036,731	3,532,108	(3,504,623)
27			Total Current and Accrued Liabilities	7,153,339	3,929,866	(3,223,472)
28			<b>DEFERRED CREDITS</b>			
29	251	251	Unamortized Premiums on Debt	0	0	0
30	252	252	Customer Advances for Construction	28,632	239,743	211,111
31	253	253	Other Deferred Credits	1,453,128	1,736,299	283,171
32			Total Deferred Credits	1,481,760	1,976,042	494,282
33			<b>OPERATING RESERVES</b>			
34	261	261	Property Insurance Reserve	0	0	0
35	262		Injuries and Damages Reserve	0	0	0
36	263		Pensions and Benefits Reserves	0	0	0
37	265	265	Miscellaneous Operating Reserves	0	0	0
38			Total Operating Reserves	0	0	0
39			<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
40	271	271	Contributions in Aid of Construction	6,727,467	8,204,781	1,477,314
41						
42						
43						
44						
45						
46						
47						
48						
49			Total Liabilities and Other Credits	20,554,091	18,866,593	(1,687,498)

## UTILITY PLANT - WATER

Show the amount of Utility Plant at the beginning of the year; show the additions during the year; the credits made to these accounts during the year because of withdrawals or retirements; and the balance at the close of the year in the several accounts. The total balance at the beginning and at the end of the year should agree with the amounts shown in the Comparative Balance Sheet. In an attached memorandum describe fully:

(a) All new Construction made and Equipment acquired during the year. (b) All Property and Equipment withdrawn or retired from service during the year, and state as accurately as possible the date of original acquisition thereof and amount at which it has been carried in the respondent's accounts.

Line No.	Account Numbers		Balance beginning of year	Additions	Retirements	Adjustments	Balance end of year
	Class C	Class D					
1			<b>INTANGIBLE PLANT</b>				
2	301	301	0	0	0	0	0
3	302	302	0	0	0	0	0
4	303	303	0	0	0	0	0
5			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6			<b>SOURCE OF SUPPLY PLANT</b>				
7	310	310	27,380	0	0	0	27,380
8	311	311	190,261	0	0	0	190,261
9	312	312	0	0	0	0	0
10	313	313	0	0	0	0	0
11	314	314	656,423	6,069	0	0	662,492
12	315	315	0	0	0	0	0
13	316	316	4,733	0	0	0	4,733
14	317	317	0	0	0	0	0
15			<b>878,796</b>	<b>6,069</b>	<b>0</b>	<b>0</b>	<b>884,865</b>
16			<b>PUMPING PLANT</b>				
17	320	320	59,816	0	0	0	59,816
18	321	321	587,077	0	0	0	587,077
19	322	322	0	0	0	0	0
20	323	323	192	0	0	0	192
21	324	324	0	0	0	0	0
22	325	325	176,656	0	0	0	176,656
23	326	326	0	0	0	0	0
24	327	327	0	0	0	0	0
25	328	328	0	0	0	0	0
26			<b>823,740</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>823,740</b>
27			<b>WATER TREATMENT PLANT</b>				
28	330	330	523,285	0	0	0	523,285
29	331	331	1,591,261	16,091	(3,934)	0	1,603,418
30	332	332	315,089	22,051	0	0	337,140
31			<b>2,429,635</b>	<b>38,142</b>	<b>(3,934)</b>	<b>0</b>	<b>2,463,843</b>
32			<b>TRANSMISSION - DISTRIBUTION PLANT</b>				
33	340	340	442,938	0	0	0	442,938
34	341	341	54,659	0	0	0	54,659
35	342	342	2,727,287	61,983	0	0	2,789,270
36	343	343	11,807,965	545,011	(255,425)	0	12,097,550
37	344	344	0	0	0	0	0
38	345	345	663,312	182,975	(484)	0	845,804
39	346	346	1,042,757	54,358	(20,988)	0	1,076,128
40	347	347	377	(377)	0	0	0
41	348	348	289,546	33,200	(648)	0	322,099
42	349	349	0	0	0	0	0
43							
			<b>17,028,842</b>	<b>877,151</b>	<b>(277,545)</b>	<b>0</b>	<b>17,628,448</b>

### UTILITY PLANT - WATER

Show the amount of Utility Plant at the beginning of the year; show the additions during the year; the credits made to these accounts during the year because of withdrawals or retirements; and the balance at the close of the year in the several accounts. The total balance at the beginning and at the end of the year should agree with the amounts shown in the Comparative Balance Sheet. In an attached memorandum describe fully:

(a) All new Construction made and Equipment acquired during the year. (b) All Property and Equipment withdrawn or retired from service during the year, and state as accurately as possible the date of original acquisition thereof and amount at which it has been carried in the respondent's accounts.

Line No.	Account Numbers		Balance at beginning of year	Additions	Retirements	Adjustments	Balance at end of year	
	Class C	Class D						
1			GENERAL PLANT					
2	389	370	Land and Land Rights	176,415	0	0	0	176,415
3	390	371	Structures and Improvements	0	0	0	0	0
4	391	372	Office Furniture and Equipment	9,004	0	0	0	9,004
5	392	373	Transportation Equipment	0	0	0	0	0
6		379	Other General Equipment	0	0	0	0	0
7	393		Stores Equipment	0	0	0	0	0
8	394		Tools, Shop and Garage Equipment	33,726	0	0	0	33,726
9	395		Laboratory Equipment	1,858	111	0	0	1,969
10	396		Power Operated Equipment	10,803	0	0	0	10,803
11	397		Communication Equipment	419,457	28,793	0	0	448,250
12	398		Miscellaneous Equipment	92,130	0	0	0	92,130
13	399		Other Tangible Plant	0	0	0	0	0
14			Total General Plant	<b>743,391</b>	<b>28,904</b>	<b>0</b>	<b>0</b>	<b>772,296</b>
15			OTHER UTILITY PLANT					
16		390	Other Tangible Property	0	0	0	0	0
17		391	Utility Plant Purchased or Sold	0	0	0	0	0
18		392	Utility Plant in Process of Reclassification	0	0	0	0	0
19		393	Utility Plant Leased to Others	0	0	0	0	0
20		394	Property Held for Future Use	850,962	55,161	0	0	906,123
21		395	Construction Work in Progress	125,049	394,342	0	0	519,391
22		396	Utility Plant Acquisition Adjustments	0	0	0	0	0
23		397	Other Utility Plant Adjustments	0	0	0	0	0
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48			Total Other Utility Plant	<b>976,011</b>	<b>449,503</b>	<b>0</b>	<b>0</b>	<b>1,425,514</b>
49								
50			Total Utility Plant - Water *	<b>22,880,416</b>	<b>1,399,770</b>	<b>(281,479)</b>	<b>0</b>	<b>23,998,706</b>

SEWAGE UTILITY PLANT										
Line No.	A/C No	Description of Property	Balance Beginning of Year	Additions to Plant	Removals of Plant	Balance End of Year				
1	351.	Land and land rights				0				
2	352.	Buildings and structures				0				
3	353.	Pump station equipment at treatment plant	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	0				
4	354.	Treatment and disposal equipment				0				
5	355.	Other plant equipment				0				
6	356.	Outfall sewer main				0				
7	360.	Collecting sewers				0				
8	361.	Service lateral sewers				0				
9	362.	Pump station equipment on collecting system				0				
10	363.	Transportation equipment				0				
11	364.	Office equipment				0				
12	365.	Miscellaneous equipment				0				
13	366.	Utility plant in process of reclassification				0				
14	367.	Construction work in progress				0				
15		Totals				0	0	0	0	
DEPRECIATION RESERVE - SEWAGE UTILITY PLANT										
17	Description of Property		Balance Beginning of Year	Not Charges for Retirements	Accruals to Reserve Current Year	Other Items (Debit) or Credit	Balance End of Year			
18	Buildings and structures						0			
19	Pump station equipment at treatment plant						0			
20	Treatment and disposal equipment		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	0			
21	Other plant equipment						0			
22	Outfall sewer main						0			
23	Collecting sewers						0			
24	Service lateral sewers						0			
25	Pump station equipment on collecting system						0			
26	Transportation equipment						0			
27	Office equipment						0			
28	Miscellaneous equipment						0			
29										
30										
31										
32										
33										
34		Totals	0	0	0	0	0			
DEPRECIATION OF SEWAGE UTILITY PLANT										
36	Description of Property		Date Acquired	Annual Rate Depreciation	Cost	Annual Depreciation Provision				
37	Buildings and structures									
38	Pump station equipment at treatment plant									
39	Treatment and disposal equipment		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>				
40	Other plant equipment									
41	Outfall sewer main									
42	Collecting sewers									
43	Service lateral sewers									
44	Pump station equipment on collecting system									
45	Transportation equipment									
46	Office equipment									
47	Miscellaneous equipment									
48										
49										
50		Totals							0	0

**UNAMORTIZED DEBT DISCOUNT AND EXPENSE**

List hereunder the various issues of long term debt represented by items in the above-named account on the balance sheet and for each show the particulars below called for. Explain in a footnote the charges made during the year and if any credits represent charges to fixed capital accounts explain them also.

Line No.	Name of debt to which discount and expense relate	Balance in account at beginning of year	Charges to account during year	Credits to accounts during year charged to			Balance in account at end of year
				Fixed Capital	Earned Surplus	Income	
1							0
2							0
3							0
4							0
5							0
6							0
7							0
8							0
9							0
10	Total	0	0	0	0	0	0

N/A

**EXTRAORDINARY PROPERTY LOSSES**

List hereunder all items included in this account at any time during the year, giving for each the particulars below called for. List below the accounts charged, with the credits listed in column (e) showing the amount charged to each account.

Line No.	Item	Year of abandonment	Balance in account at beginning of year	Amount charged during year	Amount credited during year (e)	Balance in account at end of year
1						0
2						0
3						0
4						0
5						0
6						0
7						0
8						0
9						0
10	Total		0	0	0	0

N/A

The accounts charged with credits shown in the "Amount credited during year" column are as follows:

**OTHER DEFERRED DEBITS**

List hereunder every item equal to or in excess of \$100.00 included under the foregoing title on the balance sheet at the end of the year, and state its book value at that date. Items each less than \$100.00 should be aggregated and the number of such items and their total stated.

Line No.	Item	Book value at beginning of year	Charges during year	Credits during year	Book value at end of year
1	Deferred Expense - Carpenters Point Acquisition Costs	106,457	0	(9,190)	97,267
2	Deferred Expense - Mountain Hill Acquisition Costs	315,826	0	(25,099)	290,727
3	Deferred Expense - Mountain Hill Rate Case	25,068	0	(25,068)	-
4	Deferred Expense - Cecil County Acquisition Costs	409,196	0	(17,377)	391,819
5	Goodwill related to Mountain Hill	317,910	0	(7,466)	310,445
6	Deferred Expense - Port Deposit Acquisition Costs	251,457	0	(16,952)	234,505
7	Deferred Expense - North East Franchise	23,004	0	(303)	22,701
8	Deferred Expense - CECO Acquisition Costs	35,853	0	(2,130)	33,723
9	Deferred Expense - ARC Flash	10,144	786	(2,923)	8,007
10	Total	1,494,916	0	(105,722)	1,389,194

**CAPITAL STOCK**

Show the particulars called for concerning the several classes and issues of capital stock of the respondent outstanding at the end of the year, and make all necessary explanations in footnote hereunder.

Line No.	Class and Series of Stock	Number of Shares Authorized	Value per Share		Outstanding per Balance Sheet		Held by Respondent			
			Par Value Stock	Nonpar Stock	Shares	Amount*	As Recquired Stock		In Special Funds	
							Shares	Amount	Shares	Amount
1	Class B	1000	\$1	0	1000	\$8,456,133	0	0	0	0
2										
3										
4										
5										
6										

\* Total Amount Outstanding without Reduction for Stock Held by Respondent

**LONG-TERM DEBT**

(Excluding advances from Associated Companies)

Long-Term Debt, as here used, comprises all obligations maturing later than one year after date of issue or demand. Show each class and series of obligation separately. Do not include advances from Associated Companies in this schedule.

Line No.	Class and Series of Obligation	Nominal Date of Issue	Date of Maturity	Principal Amount Authorized	Outstanding per Balance Sheet*	Interest for Year		Held by Respondent	
						Rate Percent	Amount	Long-Term Debt As Required	In Sinking and Other Funds
1	N/A								
2									
3									
4									
5									
6									
7									
8									
9									

\* Total Amount Outstanding without Reduction for Long-Term Debt Held by Respondent.

- a. If any increase in Capital Stock or Long-Term Debt was made during the year, describe fully and give date of authorization by Public Service Commission.
- b. If unincorporated state the total amount originally and subsequently invested in the business and the total amounts of profits since invested.
- c. If any shares of stock have been retired or any long-term debt has been paid or acquired after actual issue to a bona fide purchaser for value, show the particulars in a footnote
- d. If there are any sinking fund provisions in connection with the long-term debt, state the substance thereof, and describe the contents of each fund as of the end of the year.

- a.
- b.
- c.
- d.

**TAXES ACCRUED, TAXES CHARGED TO OPERATIONS, AND TAXES PAID**

State hereunder the particulars called for respecting tax accruals and tax payments during the year. Tax payments should be classified with respect to government levying the tax, as Federal, State, Municipal, etc.; and under each head the principal kinds should be specified, as capital stock tax, income tax, etc. under Federal taxes; real estate, personal property, franchise, gross earnings, net earnings, income, etc. under State taxes. If the respondent pays taxes in two or more states give particulars for each and under each give particulars of the municipal taxes appropriate thereto.

Line No.	Item	Balance Beginning of Year	Charged to Operations of Reporting Utility	Other Credits	Taxes Paid	Balance End of Year
1	Federal:					
2	Income	1,689,109	144,157	78,270	0	1,911,536
3						
4						
5						
6	Unemployment Relief					
7	Pensions					
8						
9						
10						
11	State of Maryland:					
12	Income	(235,982)	(60,745)	121,490	0	(175,237)
13	Gross Receipts					
14	Franchise					
15	Taxes on Shares and Capital Stock					
16	State					
17	Counties					
18	Cities					
19	Real Estate and Personal Property	132,954	(274,053)	0	281,188	140,089
20	Unemployment					
21	Automobile Taxes and Licenses					
22	P.S.C. Filing Fee					
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33	Total	1,586,081	(190,641)	199,760	281,188	1,876,388

**OTHER DEFERRED CREDITS**

List hereunder every item equal to or in excess of \$100.00 at the end of the year included on the balance sheet under the foregoing title, and state the number and the aggregate of items less than \$100.00 each.

Line No.	Item	Amount at beginning of year	Credits during year	Charges during year	Amount at end of year
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12	Total	0	0	0	0

N/A

**DEPRECIATION RESERVE - WATER UTILITY PLANT**

Report below the information called for concerning the Depreciation Reserve of the Reporting Utility at end of year and changes during the year, and explain in the space provided below any important adjustments made during the year.

Show separately interest credits under a sinking fund or similar method of depreciation reserve accounting.

Line No.	Description or Classification of Property	Balance Beginning of Year	Addition to Reserve		Retirements of Property				Other Charges	Balances End of Year
			Annual Depreciation Provision	Other Credits	Book Cost of Property	Cost of Removal	Salvage Credit	Net Retirement		
1	Well Houses	10,367	2,920	0	0	0	0	0	0	13,287
2	Collecting Mains	(2,931)	56	0	0	0	0	0	0	(2,876)
3	Wells	97,964	14,640	0	0	0	0	0	0	112,604
4	Pump Houses	42,202	9,511	0	0	0	0	0	0	51,713
5	Pumping Equipment	(23,175)	5,338	0	0	0	0	0	0	(17,836)
6	Water Treatment Equipment	(4,117)	7,180	0	0	0	0	0	0	3,063
7	Structures and Improvements	18,686	885	0	0	0	0	0	0	19,571
8	Tanks	221,571	36,133	0	0	0	0	0	0	257,705
9	Services	68,952	19,392	0	0	0	0	(484)	0	87,860
10	Mains	751,904	149,798	0	0	0	0	(255,425)	0	646,277
11	Meters	71,866	40,698	0	0	0	0	(20,988)	0	91,576
12	Hydrants	20,246	5,107	0	0	0	0	(648)	0	24,705
13	Office Furniture and Equipment	6,211	0	0	0	0	0	0	0	6,211
14	Lab Equipment	0	106	0	0	0	0	0	0	106
15	Tools, Shop, and Garage Equipment	9,065	1,079	0	0	0	0	0	0	10,144
16	Power Operated Equipment	1,993	622	0	0	0	0	0	0	2,615
17	Miscellaneous Equipment	18,626	4,422	0	0	0	0	0	0	23,048
18	Water & Treatment Sources	213,917	32,000	0	0	0	0	(3,934)	0	241,983
19	Communication Equipment	51,721	27,767	0	0	0	0	0	0	79,488
20	Power Generated Equipment	40	11	0	0	0	0	0	0	51
21	Office Equipment - Computer Hardware	666	267	0	0	0	0	0	0	933
22	Office Equipment - Computer Software	274	110	0	0	0	0	0	0	384
23										0
24										0
25										0
	Totals	1,576,047	358,043	0	0	0	0	(281,479)	0	1,652,612

## INCOME ACCOUNT FOR THE YEAR

Show the details of the Income Account of the respondent for the year, and the detailed comparison of the figures for the year with those for the preceding year, showing increases in black ink and decreases in red ink. If the comparative figures are in anywise inconsistent with previously reported figures, give full explanation in footnotes

Line No	Account Numbers		(a) Account	(b) Sch Page No.	TOTAL	
	Class C	Class D			(c) Current Year Artesian Water Maryland, Inc	(d) Increase (Decrease) from Preceding Year
1			UTILITY OPERATING INCOME			
2	400	400	Operating Revenues		2,217,254	113,067
3			Operating Expenses			
4	401	401	Operation Expense		1,915,867	(53,988)
5	402	401	Maintenance Expense		111,754	18,552
6	403	403	Depreciation Expense		250,971	8,839
7		404	Amortization Expense		81,440	381
8	404		Amortization of Limited Term Utility Plant		0	0
9	405		Amortization of Other Utility Plant		0	0
10	406		Amortization of Utility Plant Acquisition Adjustments		0	0
11	407		Amortization of Property Losses		0	0
12	408	408	Taxes Other Than Income Taxes		302,854	15,943
13	409	409	Income Taxes		(83,413)	73,570
14			Total Operating Revenue Deductions		2,579,473	63,298
15			Net Operating Revenues		(362,219)	49,769
16	412	412	Revenue from Utility Plant Leased to Others		0	0
17	413	413	Expenses of Utility Plant Leased to Others		0	0
18			Utility Operating Income		(362,219)	49,769
19			OTHER INCOME			
20	415	415	Revenues from Merchandising, Jobbing, and Contract Work		0	0
21	416	416	Costs and Expenses of Merchandising, Jobbing and Contract Work		0	0
22	417		Income from Non-Utility Operations		0	0
23	418	418	Non-Operating Rental Income		0	0
24	419	419	Interest and Dividend Income		1,678	(412)
25	421	421	Miscellaneous Non-Operating Income		97,781	19,385
26			Total Other Income		99,459	18,973
27			Total Income		(262,760)	68,743
28			MISCELLANEOUS INCOME DEDUCTIONS			
29	425	425	Miscellaneous Amortization		0	0
30	426	426	Other Income Deductions		(6,406)	6,745
31			Total Income Deductions		(6,406)	6,745
32			Income Before Interest Charges		(269,166)	75,488
33			INTEREST CHARGES			
34	427	427	Interest on Long-Term Debt		0	0
35	428	428	Amortization of Debt Discount and Expense		0	0
36	429	429	Amortization of Premium on Debt - Credit		0	0
37	430	430	Interest on Debt to Associated Companies		0	0
38	431	431	Other Interest Expense		166,455	1,416
39	432	432	Interest Charged to Construction - Credit		0	0
40			Total Interest Charges		166,455	1,416
41			Net Income		(435,622)	74,072
42						
43						
44						
45						
46						
47						
48						



### EARNED SURPLUS OR DEFICIT ACCOUNT FOR THE YEAR

Show with the detail called for the charges and credits to the Earned Surplus or Deficit Account of the respondent during the year. In case this statement is in anywise inconsistent with previously reported figures, give full explanation. The balance at the end of the year, Line 51, must agree with the amount given as Unappropriated Earned Surplus Line 9, Page 9 of the Comparative Balance Sheet.

Line No.	Account Numbers		Account	Amounts
	Class C	Class D		
1	216	216	Unappropriated Earned Surplus (Beginning Balance)	(3,264,608)
2	433	433	Balance Transferred From Income	(435,622)
3	434	434	Miscellaneous Credits to Surplus:	0
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19			Total Credits to Surplus	(435,622)
20	435	435	Miscellaneous Debits to Surplus:	
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36	436	436	Appropriations of Surplus	0
37				
38				
39				
40				
41	437	437	Dividends Declared - Preferred Stock	0
42	438	438	Dividends Declared - Common Stock	0
43				
44				
45				
46				
47				
48				
49				
50			Total Debits to Surplus	0
51	216	216	Unappropriated Earned Surplus (Ending Balance)	(3,700,230)



**SEWAGE OPERATING REVENUES**

Line No.	A/C No.		No. Customers End of Year	Revenue Amounts	
1		<b>SEWAGE SERVICE REVENUES</b>			
2	481.	Residential revenues			
3	482.	Commercial revenues			
4	483.	Industrial revenues			
5	484.	Revenues form public authorities	<b>N/A</b>		
6		Total sewage service revenues		0	
7		<b>OTHER OPERATING REVENUES</b>			
8	485.	Sale of fertilizer			
9	486.	Customers' forfeited discounts			
10	487.	Servicing of customers' laterals			
11	488.	Miscellaneous sewer revenues			
12		Total other operating revenues		0	
13	400.	Total oprating revenues		0	

Line No.	A/C No.		No. Customers End of Year	Revenue Amounts	
1		<b>SEWAGE OPERATING AND MAINTENANCE EXPENSES</b>			
2					
3		<u>Operation and Maintenance</u>			
4					
5		Operation:			
6	701.	Supervision and labor			
7	702.	Operating supplies and expenses			
8	703.	Transportation expenses			
9		Total operation		0	
10					
11		Maintenance			
12	704.	Maintenance of building & grounds			
13	705.	Maintenance of treatment plant equipment			
14	706.	Maintenance of sewage collection equipment			
15		Total maintenance		0	
16					
17		<u>Customers Accounting and Collection</u>			
18					
19		Operation:			
20	707.	Accounting and collecting	<b>N/A</b>		
21	708.	Uncollectible accounts			
22		Total operation		0	
23					
24		<u>General Expenses</u>			
25					
26		Operation:			
27	709.	General office salaries			
28	710.	General office supplies & expenses			
29	711.	Rents			
30	712.	Other general expenses			
31		Total operation		0	
32					
33		Total Operation Expenses		0	
34		Total Maintenance Expenses		0	
35		Total Operation & Maintenance Expenses		0	

### WATER OPERATION AND MAINTENANCE EXPENSES

Line No.	Account Numbers			Expenses during Year \$	Comparison with Preceding Year Increase (Decrease)
	Class C	Class D			
1			SOURCE OF SUPPLY EXPENSES		
2			Operation:		
3	600	600	Operation Labor	3,416	(1,708)
4	601	610	Purchased Water	755,888	6,865
5	602		Operation Supplies and Expenses		0
6			Total Operation	759,305	5,157
7			Maintenance:		
8	605		Maintenance of Water Source Plant	0	0
9					
10			Total Maintenance	0	0
11			Total Source of Supply Expenses	759,305	5,157
12			PUMPING EXPENSES		
13			Operation:		
14	620		Operation Labor	205,022	122,604
15	621		Fuel for Power Production	0	0
16	622	620	Fuel or Power Purchased for Pumping	99,688	3,273
17	623		Operation Supplies and Expenses	2,567	(1,145)
18			Total Operation	307,277	124,732
19			Maintenance:		
20	625		Maintenance of Pumping Plant	51,060	9,284
21					
22			Total Maintenance	51,060	9,284
23			Total Pumping Expenses	358,337	134,017
24			WATER TREATMENT EXPENSE		
25			Operation:		
26	630		Operation Labor	26,802	(153,663)
27	631	630	Chemicals	54,411	(1,204)
28	632		Operation Supplies and Expenses	46,765	9,674
29			Total Operation	127,978	(145,193)
30			Maintenance:		
31	635		Maintenance of Water Treatment Plant	18,284	17,519
32					
33			Total Maintenance	18,284	17,519
34			Total Water Treatment Expense	146,262	(127,675)
35			TRANSMISSION AND DISTRIBUTION EXPENSES		
36			Operation:		
37	640		Operation Labor	65,042	(10,287)
38	641	640	Operation Supplies and Expenses		0
39			Total Operation	65,042	(10,287)
40			Maintenance:		
41	650		Maintenance of Distribution Reservoirs and Standpipes	0	0
42	651		Maintenance of Mains	3,342	(3,400)
43	652		Maintenance of Services	0	(5,759)
44	653		Maintenance of Meters	0	0
45	654		Maintenance of Hydrants	17,179	(1,673)
46	655		Maintenance of Other Plant	0	0
47		650	Repairs of Water Plant	0	0
48			Total Maintenance	20,521	(10,832)
49			Total Transmission and Distribution Expenses	85,563	(21,119)
50					

(Continued Next Page)

**WATER OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account Numbers			Expenses during Year \$	Comparison with Preceding Year Increase (Decrease)
	Class C	Class D			
51			CUSTOMERS' ACCOUNTS EXPENSES		
52			Operation:		
53	901		Meter Reading Labor	0	0
54	902		Accounting and Collecting Labor	0	(1,340)
55	903		Supplies and Expenses	0	0
56	904	690	Uncollectible Accounts	10,957	(9,866)
57			Total Customers' Account Expenses	10,957	(11,205)
58			SALES EXPENSES		
59			Operation:		
60	910		Sales Expenses	0	0
61	914	691	Revenues from Merchandising, Jobbing and Contract Work	0	0
62	915	692	Costs and Expenses of Merchandising, Jobbing, and Contract Work	0	0
63			Total Sales Expenses	0	0
64			ADMINISTRATIVE AND GENERAL EXPENSES		
65			Operation:		
66	920	680	Administrative and General Salaries	229,609	9,189
67	921	681	Office Supplies and Expenses	17,307	(5,073)
68	922		Administrative Expenses Transferred - Credit	0	0
69	923	682	Outside Services Employed	15,679	(6,058)
70	924	684	Property Insurance	20,639	(1,166)
71	925		Injuries and Damages	0	0
72	926	686	Employee Pensions and Benefits	199,513	(11,187)
73	927		Franchise Requirements	0	0
74	928	688	Regulatory Commission Expense	28,958	(1,945)
75	930	689	Miscellaneous General Expenses	84,792	(2,180)
76	933	660	Transportation Expenses	47,867	284
77			Total Operation	644,365	(18,136)
78			Maintenance:		
79	935		Maintenance of General Plant	22,834	3,525
80					
81			Total Maintenance	22,834	3,525
82			Total Administrative and General Expenses	667,198	(14,610)
83					
84			Total Operation Expense	1,914,923	(54,932)
85			Total Maintenance Expense	112,699	19,496
86					
87			Total Operation and Maintenance Expenses	2,027,622	(35,436)
88					
89					
90					
91					
92					
93					
94					
95					
96					
97					
98					
99					
100					
101					
102					
103					
104					

**OFFICERS' SALARIES**

Report below the amount of compensation paid during the year to each elected officer of the respondent. Report also the compensation of each other employee receiving annual compensation of \$10,000 or more. If compensation reported for any officer or employee does not cover the full year, state the period covered. Bonuses and other forms of remuneration should be included in the total compensation. Furnish particulars as to such other compensation.

Line No.	Name	Title	% of Time Devoted to Water Utility Operations	Compensation for Year		
				Base Salary	Other Remuneration	Total
1	Dian Taylor	President and CEO	2.78%			17,402
2	Joseph DiNunzio	Executive VP	2.78%			9,857
3	David Spacht	CFO & Treasurer	2.78%			9,132
4	John Thaeber	Senior VP of Operations	2.78%			4,963
5	Jack Schreppler	VP, General Counsel	2.78%			4,622
6	Nicholle Taylor	Senior VP	2.78%			9,570
7	Jennifer L. Finch	VP, Assistant Treasurer	2.78%			4,321
8	Pierre A. Anderson	VP, Information Systems	2.78%			7,884
9						
10	Officer Salaries Allocated to AWMD for 2016					67,753

**DEPRECIATION OF WATER UTILITY PLANT**

Show below the data by which the Respondent computes its annual provision for depreciation on Utility Property. When an item of property has components with different rates of depreciation, show each component part separately with its associated data.

Line No.	Description by Units of Property or by Utility Plant Accounts	Date Acquired	Condition or Age when Acquired	Estimated Useful Life to Respondent	Annual Rate Depreciation	Cost	Annual Depreciation Provision
1	Well Houses	Aug-07			1.62%		2,920
2	Collecting Mains	Aug-07			1.18%		56
3	Wells	Aug-07			2.22%		14,640
4	Pump Houses	Aug-07			1.62%		8,035
5	Pumping Equipment	Aug-07			2.86%		4,943
6	Water Treatment Equipment	Aug-07			2.22%		7,072
7	Structures and Improvements	Aug-07			1.62%		885
8	Tanks	Aug-07			1.31%		27,427
9	Services	Dec-08			2.57%		10,776
10	Mains	Aug-07			1.24%		69,854
11	Meters	Dec-08			3.84%		35,847
12	Hydrants	Aug-07			1.67%		3,440
13	Office Furniture and Equipment	Aug-07			3.19%		0
14	Office Equipment-Computer Software	Aug-13			19.19%		110
15	Transportation Equipment	Aug-07			8.64%		0
16	Tools, Shop, and Garage Equipment	Aug-07			3.20%		1,079
17	Power Operated Equipment	Aug-07			5.76%		622
18	Communication Equipment	Aug-07			6.40%		27,767
19	Miscellaneous Equipment	Apr-08			4.80%		4,422
20	Water & Treatment Sources	Aug-07			2.00%		30,714
21	Power Generated Equipment	Dec-10			2.86%		11
22	Office Equipment-Computer Hardware	Dec-13			12.00%		267
23	Lab Equipment	Jan-13			10.66%		86
24							
25							
26							
27							
28							
29							
30							
Totals						0	250,971

State method of depreciation reserve accounting in use by the Respondent; that is, whether straight line method, reducing or decreasing balance method, sinking fund method, or compound interest method.

Artesian Water Maryland, Inc. uses mass asset accounting and depreciates each group using the straight line, half-year convention.

**SOURCES OF WATER SUPPLY**  
Show all data separately for each source of supply

## A. SURFACE WATERS

Line No	Description and Location of Source (Give names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake from Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
1	Impounding Reservoirs						
2	N/A						
3							
4							
5							
6	Lakes						
7	N/A						
8							
9	Streams						
10	Susquehanna River	CE1976S065 (04)	1.5 MGD	100' ±	unknown	unknown	24" dia , 175' ±
11							

## B. GROUND WATERS

Line No	Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Inches (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction air-lift or Deep-well pump) (i)
20	Wells - Carpenter's Point								
21	Well #1	CF-94-2653	21.9	16.8	80	97	6	60	Deep-well pump
22	Well #2	CE-81-2350	29.7	11.9	unknown	94	6	60	Deep-well pump
23	Well #3	CF-94-2653	38.85	59.83	63	116	6	200	Deep-well pump
24									
25	Wells - Mountain Hill								
26	Well #1	CE-95-0945	63.4	33	105	132	8	200	Deep-well pump
27	Well #2	CE-95-1453	110	22	126	152	6	100	Deep-well pump
28									
29	Wells-Elkton West								
30	Well #1 (Harborview)	CE2007G016	25'	Unknown	74'	105'	6"	50	Deep well pump
31	Well #2 (Harborview)	CE1976G005	21'	52'	73'	94'	6"	50	Deep well pump
32	Fletcherwood Well #1	CE-73-1660	26'	23'	84'	98'	12"	150	Deep-well pump
33	Sycamore Well #2	CE-73-1690	25'	Unknown	Unknown	100'	12"	100	Deep-well pump
34	Well #1 (Pine Hills)	CE-81-2915	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
35	Well #2 (Pine Hills)	CF-73-3908	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
36	Well #3 (Pine Hills)	CF-95-0349	194'	Unknown	256'	298'	8"	350	Deep-well pump
37									
38									
39	Springs								
40	N/A								
41									
42									
43									
44	Infiltration Galleries or Collecting Wells								
45	N/A								
46									
47									

## C. PURCHASED WATER

Line No	Description and Location of Source (Give names) (a)	Name of Vendor (b)	Capacity of Source Gal Per Min (c)	Cost per K Gallons (d)	Purchased During Year Gallons (e)
49	AWC Interconnection - Rosetree & Laurel Lane	Artesian Water Company, Inc	1400	\$3 780	180,840,000
50	Persimmon Creek Interconnection	United Water Delaware	350	\$7 366	1,191,000
51	Belle Hill	Town of Elkton	N/A	\$4.946	3,091,370
52	Rt 7	Town of Elkton	N/A	\$12.315	2,994,400
53					
54					
55					
56					
57					

### PUMPING STATISTICS

1. If the utility serves more than one integrated water system, use insert sheets to show information requested below for each system. An integrated water system includes all production, transmission, and distribution facilities owned by a single utility which are physically inter-connected.
2. Omit 000 in reporting gallons of water. Where metered figures are not available, report estimated quantities, indicating that fact.

Line No.	Mountain Hill System					
1	Water pumped into distribution system (gallons):					
2	January	1,598,000	February	1,649,000	March	1,673,000
3	April	1,475,000	May	2,498,000	June	2,692,000
4	July	3,113,000	August	3,060,000	September	2,703,000
5	October	2,245,000	November	2,512,000	December	2,088,000
6	Total Gallons pumped into distribution system for year					27,306,000
7						
8	Maximum gallons pumped in any one day	244,000	Date	8/30/2016		
9						
10	Range of pressure on mains as measured at station:		Between 120 and 130 PSI			
11						
12	Utility supplying electricity for pumping	Delmarva Power/Direct Energy				
13	Total amount paid for electric demand - kilowatts					
14	Total amount paid for electric energy - kilowatt-hours					
15	Total amount paid for electricity for pumping during year					
16	Total amount of electricity used for pumping - kilowatt-hours					
17						
18						
19						
20						
21						
22						

### PUMPING STATION EQUIPMENT

1. If the utility operates more than one integrated water system, use insert sheets to show information requested below for each system.

Line No.		Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5
32	Pump Manufacturer	Goulds	Goulds			
33	Pump Serial No.					
34	Type	Submersible	Submersible			
35	Capacity - gallons per min.	200	100			
36	Purpose	Well Pump	Well Pump			
37						
38						
39	Motor size - h.p.	30	15			
40						
41	Electricity used - kwh	N/A	N/A			
42	Cost of electricity					
43						
44						
45						
46	Standby or auxiliary equip.:					
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						

### PUMPING STATISTICS

1. If the utility serves more than one integrated water system, use insert sheets to show information requested below for each system. An integrated water system includes all production, transmission, and distribution facilities owned by a single utility which are physically inter-connected.
2. Omit 000 in reporting gallons of water. Where metered figures are not available, report estimated quantities, indicating that fact.

Line No.	Carpenter's Point System					
1	Water pumped into distribution system (gallons):					
2	January	620,000	February	358,000	March	348,000
3	April	341,000	May	398,000	June	438,000
4	July	551,000	August	736,000	September	829,000
5	October	320,000	November	339,000	December	339,000
6	Total Gallons pumped into distribution system for year					5,617,000
7						
8	Maximum gallons pumped in any one day		68,000	Date		8/3/2016
9						
10	Range of pressure on mains as measured at station:			Between 35 and 45 PSI		
11						
12	Utility supplying electricity for pumping			Delmarva Power/Direct Energy		
13	Total amount paid for electric demand - kilowatts					
14	Total amount paid for electric energy - kilowatt-hours					
15	Total amount paid for electricity for pumping during year					
16	Total amount of electricity used for pumping - kilowatt-hours					
17						
18						
19						
20						
21						
22						

### PUMPING STATION EQUIPMENT

1. If the utility operates more than one integrated water system, use insert sheets to show information requested below for each system.

Line No.		Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5
32	Pump Manufacturer	Goulds	Unknown	Goulds		
33	Pump Serial No.	40GS50	Unknown	60GS50		
34	Type	Submersible	Submersible	Submersible		
35	Capacity - gallons per min.	60	70	50		
36	Purpose	Well No. 1	Well No. 2	Well No. 3		
37						
38						
39	Motor size - h.p.	5	Unknown	5		
40						
41	Electricity used - kwh	N/A	N/A	N/A		
42	Cost of electricity					
43						
44						
45						
46	Standby or auxiliary equip.:					
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						

### PUMPING STATISTICS

1. If the utility serves more than one integrated water system, use insert sheets to show information requested below for each system. An integrated water system includes all production, transmission, and distribution facilities owned by a single utility which are physically inter-connected.

2. Omit 000 in reporting gallons of water. Where metered figures are not available, report estimated quantities, indicating that fact.

Line No.	Port Deposit					
1	<b>Water pumped into distribution system (gallons)</b>					
2	January	1,623,800	February	2,116,800	March	2,092,200
3	April	1,614,800	May	1,774,900	June	2,028,600
4	July	2,121,100	August	2,418,400	September	2,392,000
5	October	2,119,000	November	1,764,000	December	1,775,000
6	Total Gallons pumped into distribution system for year					23,840,600
7						
8	Maximum gallons pumped in any one day	2,155,000	Date	6/23/2016		
9						
10	Range of pressure on mains as measured at station:	Between 80 and 112 PSI				
11						
12	Utility supplying electricity for pumping	Delmarva Power/Direct Energy				
13	Total amount paid for electric demand - kilowatts					
14	Total amount paid for electric energy - kilowatt-hours					
15	Total amount paid for electricity for pumping during year					
16	Total amount of electricity used for pumping - kilowatt-hours					
17						
18						
19						
20						
21						
22						

### PUMPING STATION EQUIPMENT

1. If the utility operates more than one integrated water system, use insert sheets to show information requested below for each system.

Line No.		Raw Water No. 1	Raw Water No. 2	Raw Water No. 3	Finished Water No. 1	Finished Water No. 2
32	Pump Manufacturer	Unknown	Unknown	Unknown	Peabody Floway	Peabody Floway
33	Pump Serial No.	Unknown	Unknown	Unknown	5408608	8403609
34	Type	Submersible	Submersible	Submersible	Vertical Turbine	Vertical Turbine
35	Capacity - gallons per min.	325	325	400		
36	Purpose	Raw Water Pump	Raw Water Pump	Raw Water Pump	Effluent	Effluent
37						
38						
39	Motor size - h.p.	Unknown	Unknown	Unknown	60	60
40						
41	Electricity used - kwh	N/A	N/A	N/A	N/A	N/A
42	Cost of electricity					
43						
44						
45						
46	Standby or auxiliary equip :					
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						

### PUMPING STATISTICS

1. If the utility serves more than one integrated water system, use insert sheets to show information requested below for each system. An integrated water system includes all production, transmission, and distribution facilities owned by a single utility which are physically inter-connected.
2. Omit 000 in reporting gallons of water. Where metered figures are not available, report estimated quantities, indicating that fact.

Line No.	Elkton West					
1	Water pumped into distribution system (gallons):					
2	January	11,309,000	February	9,724,000	March	10,516,000
3	April	10,399,000	May	10,171,000	June	9,865,000
4	July	9,685,000	August	9,431,000	September	8,911,000
5	October	8,527,000	November	2,507,000	December	1,850,000
6	Total Gallons pumped into distribution system for year				102,895,000	
7						
8	Maximum gallons pumped in any one day		Maximum		Date	
	Pine Hill Well #3		167,000		7/7/2016	
	Pine Hill Well #1		248,000		10/18/2016	
	Fletcvhwood WTP		225,000		5/14/2016	
	Sycamore WTP		162,000		7/26/2016	
9	Harborview		33,000		5/14/2016	
10	Range of pressure on mains as measured at station:			Between 25 and 120 PSI		
11						
12	Utility supplying electricity for pumping			Delmarva Power/Direct Energy		
13	Total amount paid for electric demand - kilowatts					
14	Total amount paid for electric energy - kilowatt-hours					
15	Total amount paid for electricity for pumping during year					
16	Total amount of electricity used for pumping - kilowatt-hours					
17						
18						
19						
20						
21						
22						

### PUMPING STATION EQUIPMENT

1. If the utility operates more than one integrated water system, use insert sheets to show information requested below for each system.

Line No.		Well No. 1 (Harborview)	Well No. 2 (Harborview)	Well No. 1 (Meadowview)	Well No. 2 (Meadowview)	Continued on Page 26 - D
32	Pump Manufacturer	Goulds	Goulds	Goulds	Goulds	
33	Pump Serial No	45J07	60GS50	Unknown	150H10	
34	Type	Submersible	Submersible	10L22-4	Submersible	
35	Capacity - gallons per min.	60 gpm	60 gpm	220 gpm	150 gpm	
36	Purpose	Well No. 1	Well No. 2	Well No. 1	Well No. 2	
37		Pumps to system	Pumps to system	Pumps onto system	Pumps onto system	
38						
39	Motor size - h.p.	5 H.P.	5 H.P.	20 H.P.	10 H.P.	
40						
41	Electricity used - kwh	Not Available	Not Available	Not Available	Not Available	
42	Cost of electricity					
43						
44						
45						
46	Standby or auxiliary equip.:					
47						
48						
49						
50						
51						
52						

### PUMPING STATISTICS

1. If the utility serves more than one integrated water system, use insert sheets to show information requested below for each system. An integrated water system includes all production, transmission, and distribution facilities owned by a single utility which are physically inter-connected.

2. Omit 000 in reporting gallons of water. Where metered figures are not available, report estimated quantities, indicating that fact.

Line No.	Elkton West (Cont.)			
1	Water pumped into distribution system (gallons):			
2	January	See Prior Page	February	March
3	April		May	June
4	July		August	September
5	October		November	December
6	Total Gallons pumped into distribution system for year			
7				
8	Maximum gallons pumped in any one day			Date
9				
10	Range of pressure on mains as measured at station:			
11				
12	Utility supplying electricity for pumping			
13	Total amount paid for electric demand - kilowatts			
14	Total amount paid for electric energy - kilowatt-hours			
15	Total amount paid for electricity for pumping during year			
16	Total amount of electricity used for pumping - kilowatt-hours			
17				
18				
19				
20				
21				
22				

### PUMPING STATION EQUIPMENT

1. If the utility operates more than one integrated water system, use insert sheets to show information requested below for each system.

Line No.	CONTINUED from Page 26-C	Well No. 1 (Pine Hills)	Well No. 2 (Pine Hills)	Well No. 3 (Pine Hills)		
32	Pump Manufacturer	Unknown	Unknown	Unknown		
33	Pump Serial No.	Unknown	Unknown	011805-145		
34	Type	Unknown	Unknown	Submersible		
35	Capacity - gallons per min.	Unknown	Unknown	Unknown		
36	Purpose	Well No. 1	Well No. 2	Well No. 3		
37						
38						
39	Motor size - h.p.	Unknown	Unknown	50		
40						
41	Electricity used - kwh	Not Available	Not Available	Not Available		
42	Cost of electricity					
43						
44						
45						
46	Standby or auxiliary equip.					
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						

## RESERVOIRS, STANDPIPES, PRESSURE TANKS AND PURIFICATION SYSTEMS

Use separate columns for each reservoir, standpipe, pressure tank, water softening plant, or purification system, as the case may be, using insert sheets if necessary.

Line No.	Items (a)	Carpenter's Point	Mountain Hill	Port Deposit	Harborview
		Unit (b)	Unit (c)	Unit (d)	Unit (e)
1	RESERVOIRS				
2	Identification number or description of each	N/A	N/A	N/A	N/A
3	Use (source of supply, or clear water)	N/A	N/A	N/A	N/A
4	Kind (carthen or masonry)	N/A	N/A	N/A	N/A
5	Covered or open	N/A	N/A	N/A	N/A
6	Elevation above pumping station	N/A	N/A	N/A	N/A
7	Total capacity in gallons	N/A	N/A	N/A	N/A
8					
9					
10	STANDPIPES OR ELEVATED TANKS				
11	Identification number or description of each	Carpenter's Point	Mountain Hill (Principio)	Port Deposit	N/A
12	Material (steel, wood, concrete, etc.)	Steel	Steel	Concrete	N/A
13	Height of water column	100 feet	102 feet	29 feet	N/A
14	Elevation of inlet above pumping station	141.75 feet	404 feet	228 feet	N/A
15	Height of tank	100 feet	102 feet	N/A	N/A
16	Diameter of tank	28 feet	N/A	54 feet	N/A
17	Capacity of each in gallons	75,000	500,000	500,000	N/A
18					
19					
20	PRESSURE TANKS				
21	Identification number or description	N/A	N/A	N/A	Hydropneumatic Tanks
22	Material	N/A	N/A	N/A	Steel
23	Length of tank	N/A	N/A	N/A	25 feet
24	Diameter of tank	N/A	N/A	N/A	6 feet
25	Capacity in gallons	N/A	N/A	N/A	5,000 (Each)
26					
27					
28	PURIFICATION SYSTEMS				
29	Describe pretreatment, if any	N/A	N/A	N/A	N/A
30	Sedimentation:	N/A	N/A	N/A	N/A
31	Dimension of each settling basin	N/A	N/A	8' by 6' by 17'	N/A
32	Kind of coagulant	N/A	N/A	poly alum chloride	N/A
33	Sand filtration - Slow or rapid	N/A	N/A	rapid	N/A
34	Open or covered	N/A	N/A	open	N/A
35	Dimensions of surface of beds	N/A	N/A	128 sq ft	N/A
36	Capacity of beds, gallons per day	N/A	N/A	0.92	N/A
37	Pressure filters:	N/A	N/A	N/A	Yes
38	Type of each	N/A	N/A	N/A	Green Sand Plus
39	Capacity of each	N/A	N/A	N/A	75 gpm
40	Sterilization - Is water sterilized?	Yes	N/A	N/A	N/A
41	Agent used (liquid chlorine, etc.)	Yes	Yes	Yes	Yes
42	Chlorinating Equipment:	Sodium Hypochlorite	Sodium Hypochlorite	Chlorine Gas	Sodium Hypochlorite
43	Manufacturer	Chemical Feed Pump	Chemical Feed Pump	Injector	Chemical Feed Pump
44	Type	Pulsatron	Pulsatron	Siemens	Pulsatron
45		Diaphragm pump	Diaphragm pump	Gas Diaphragm vacuum operated	Diaphragm pump
46	Post-chlorination?				
47	How frequently is analysis made of water?	Daily	Daily	Daily	Daily
48					
49				Water is only analyzed when the plant is in operation. Plant does not run every day.	
50	WATER SOFTENING PLANT				
51	Method	Caustic	Caustic	N/A	Caustic
52	Raw water reservoir capacity	N/A	N/A	Unknown	N/A
53	Settling basins - size of each	N/A	N/A	N/A	N/A
54	Equipment description and make	N/A	N/A	N/A	N/A
55					

## RESERVOIRS, STANDPIPES, PRESSURE TANKS AND PURIFICATION SYSTEMS

Use separate columns for each reservoir, standpipe, pressure tank, water softening plant, or purification system, as the case may be, using insert sheets if necessary

Line No	Items (a)	Cherry Hill	Cherry Hill	Meadowview	Pine Hills
		Unit (b)	Unit (c)	Unit (d)	Unit (e)
1	<b>RESERVOIRS</b>				
2	Identification number or description of each	N/A	N/A	N/A	N/A
3	Use (source of supply, or clear water)	N/A	N/A	N/A	N/A
4	Kind (earthen or masonry)	N/A	N/A	N/A	N/A
5	Covered or open	N/A	N/A	N/A	N/A
6	Elevation above pumping station	N/A	N/A	N/A	N/A
7	Total capacity in gallons	N/A	N/A	N/A	N/A
8					
9					
10	<b>STANDPIPES OR ELEVATED TANKS</b>				
11	Identification number or description of each	Cherry Hill School Tank	Tank	Meadowview Tank	Pine Hills Tank
12	Material (steel, wood, concrete, etc.)	Steel	Steel	Steel	Steel
13	Height of water column	128 feet	143 feet	80 feet	112 feet
14	Elevation of inlet above pumping station	413 feet	355 feet	266 feet	302 feet
15	Height of tank	128 feet	143 feet	80 feet	112 feet
16	Diameter of tank	29 feet	28 feet	40 feet	21 feet
17	Capacity of each in gallons	75,000	200,000	750,000	300,000
18					
19					
20	<b>PRESSURE TANKS</b>				
21	Identification number or description	N/A	Pressure Tank	Highlands Pressure Tank	N/A
22	Material	N/A	Steel	Steel	N/A
23	Length of tank	N/A	8 feet	14 feet	N/A
24	Diameter of tank	N/A	7.5 feet	8 feet	N/A
25	Capacity in gallons	N/A	2,600	5,000	N/A
26					
27					
28	<b>PURIFICATION SYSTEMS</b>				
29	Describe pretreatment, if any	N/A	N/A	N/A	N/A
30	Sedimentation:	N/A	N/A	N/A	N/A
31	Dimension of each settling basin	N/A	N/A	N/A	N/A
32	Kind of coagulant	N/A	N/A	N/A	N/A
33	Sand filtration: Slow or rapid	N/A	N/A	N/A	N/A
34	Open or covered	N/A	N/A	N/A	N/A
35	Dimensions of surface of beds	N/A	N/A	N/A	N/A
36	Capacity of beds, gallons per day	N/A	N/A	N/A	N/A
37	Pressure filters:	N/A	N/A	N/A	N/A
38	Type of each	N/A	N/A	N/A	N/A
39	Capacity of each	N/A	N/A	N/A	N/A
40	Sterilization - Is water sterilized?	N/A	Yes	Yes	N/A
41	Agent used (liquid chlorine, etc.)	chlorinated	Sodium Hypochlorite	Sodium Hypochlorite	Sodium Hypochlorite
42	Chlorinating Equipment:		Chemical Feed Pump	Chemical Feed Pump	Chemical Feed Pump
43	Manufacturer	N/A	Premia75	Pulsatron	Pulsatron
44	Type	N/A	Diaphragm pump	Diaphragm pump	Diaphragm pump
45					
46	Post-chlorination?	N/A	N/A	N/A	N/A
47	How frequently is analysis made of water?	N/A	Daily	Daily	Daily
48			Booster Station only. This station has the capability to feed chlorine if needed.		
49					
50	<b>WATER SOFTENING PLANT</b>				
51	Method	N/A	Caustic	Caustic	Caustic
52	Raw water reservoir capacity	N/A	N/A	N/A	N/A
53	Settling basins - size of each	N/A	N/A	N/A	N/A
54	Equipment description and make	N/A	N/A	N/A	N/A
55					

**FEET OF TRANSMISSION AND DISTRIBUTION MAINS**

1. Explain any important items included in column (f).

2. New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of the mains replaced.

Line No.	Kind of Pipe (Cast iron, galv, steel, cement, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	In Use First of Year (c)	Added During Year			Retirements During Year (g)	Adjustments Dr or (Cr ) (h)	In Use End of Year (i)
				New Mains (d)	Replacements (e)	Total (f)			
1	Trans Mains								
2	Cast Iron	4"	2,400	0	0	0	0	0	2,400
3	Cast Iron	6"	90	0	0	0	0	0	90
4	Cast Iron	8"	4,683	0	0	0	0	0	4,683
5	Ductile iron	10"	8,940	0	0	0	0	0	8,940
6	Ductile iron	12"	36,029	2,477	2,783	5,260	(2,500)	0	38,789
7	Ductile iron	14"	5,900	0	0	0	0	0	5,900
8	Ductile iron	2"	1,133	0	0	0	0	0	1,133
9	Ductile iron	3"	383	0	0	0	0	0	383
10	Ductile iron	4"	5,358	0	0	0	0	0	5,358
11	Ductile iron	6"	5,006	72	0	72	0	0	5,078
12	Ductile iron	8"	56,040	271	0	271	0	0	56,311
13	Galvanized steel	1"	80	0	0	0	0	0	80
14	Polybutylene	1.25"	550	0	0	0	0	0	550
15	PVC	10"	1,502	0	0	0	0	0	1,502
16	PVC	12"	5,329	0	0	0	0	0	5,329
17	PVC	2"	1,690	0	0	0	0	0	1,690
18	PVC	4"	2,372	0	0	0	0	0	2,372
19	PVC	6"	761	0	0	0	0	0	761
20	PVC	8"	3,404	0	0	0	0	0	3,404
21	HDPE	14"	18,805	0	0	0	0	0	18,805
22	PE	2"	1,655	0	0	0	0	0	1,655
23	PE	0.75"	310	0	0	0	0	0	310
24	Transite	4"	1,420	0	0	0	0	0	1,420
25	Total Trans.		163,840	2,820	2,783	5,603	(2,500)	0	166,943
26									
27									
28									
29									
30									
31	Total Dist.		0	0	0	0	0	0	0

**SERVICES**

Line No.	Size and Kind of Pipe (a)	Utility Owned Services in Use				Services in Use End of Year Not Included in Utility Accts (f)
		First of Year (b)	Added During Year (c)	Removed or Disconnected During Year (d)	End of Year (e)	
39	3/4"	2197	10	(3)	2204	
40	1"	100	142	0	242	
41	2"	8	4	0	12	
42	8"	3	2	0	5	
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56	Total	2308	158	(3)	2463	

## METERS

Line No	Use (a)	Size (b)	Number of Utility Owned Meters				Number of Meters Owned by Customers in Use End of Year (g)
			First of Year (c)	Added During Year (d)	Removed or Disconnected During Year (e)	End of Year (f)	
1	In Residential Use	1/2"	746	-	-	746	0
2		5/8"	1,139	39	(4)	1,174	0
3		3/4"	88	24	(1)	111	0
4		1"	29	1	-	30	0
5		2"	1	2	-	3	0
6							
7	Total in Residential Use		2,003	66	(5)	2,064	0
8	In Commercial Use	1/2"	40	-	-	40	0
9		5/8"	15	-	-	15	0
10		3/4"	3	-	-	3	0
11		1"	11	-	-	11	0
12		1 1/2"	2	-	-	2	0
13		2"	19	-	-	19	0
		3"	5	-	-	5	0
		4"	6	-	-	6	0
		6"	4	-	-	4	0
		8"	14	2	(1)	15	0
14		10"	2	-	-	2	0
15							
16	Total in Commercial Use		121	2	(1)	122	0
17	In Industrial Use						
18							
19							
20							
21							
22							
23							
24							
25	Total in Industrial use		-	-	-	-	0
26	In Public Use						
27							
28							
29							
30	Total in Public Use		-	-	-	-	0
31	Total in Use		2,124	68	(6)	2,186	0
32	In Stock						
33	Total all Meters		2,124	68	(6)	2,186	0

## HYDRANTS

Line No.	Description (Size of branch or valve opening, manufacturer, type, number and size of nozzles, etc ) (a)	Number of Utility Owned Hydrants				No Customer-Owned Hydrants in Service End of Year (f)
		No. in Service First of Year (b)	Added During Year (c)	Removed During Year (d)	No. in Service End of Year (e)	
42	Public Fire Protection					
43	5 1/4" valve size	213	7	(1)	219	
44						
45						
46						
47						
48						
49						
50	Private Fire Protection					
51						
52						
53						
54						
55						
56	Total Hydrants Other Than Fire					
57	Total all Hydrants	213	7	(1)	219	

Line No	GENERAL INFORMATION SEWERAGE PLANT
1	Brief general description of sewage treatment
2	
3	
4	
5	
6	Method of treatment
7	
8	
9	
10	
11	
12	Brief general description of disposal system
13	
14	
15	
16	
17	
18	Method of disposal
19	
20	
21	
22	
23	
24	Area served by sewerage system
25	
26	Date of construction of original plant
27	Population for which plant designed
28	Plant capacity in gallons per day
29	Average daily discharge of sewage during year (Mgal.)
30	Maximum daily discharge of sewage during year (Mgal.)
31	Important extensions of system, giving location, new territory covered and dates of beginning operation
32	
33	
34	
35	
36	
37	
38	
39	
40	Other important changes, including new plant and equipment built or installed
41	
42	
43	
44	
45	
46	
47	
48	
49	Disinfection
50	Is effluent disinfected?
51	Agent used (liquid chlorine, etc.)
52	How frequently is an analysis made of effluent?
53	Give results of last analysis
54	What is efficiency of sewerage plant?
55	

N/A

**SEWAGE INFORMATION**

**PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES**

Line No.		Unit		Unit	
		(a)	(b)	(c)	(d)
1	<b>PUMPING EQUIPMENT</b>				
2	Location or station				
3	Make or type and nameplate data of pump				
4					
5					
6	Year installed				
7	Rated capacity (gpm)				
8	Size				
9	How driven?				
10	Give nameplate of driver				
11					
12	What preventive maintenance is given pumping equipment?				
13					
14					
15	Are manufacturer's instructions adhered to?				
16	What of any repairs were accomplished on pumping equipment during year?				
17					
18					
19					
20	<b>SERVICE CONNECTIONS</b>				
21	Size (inches)				
22	Type (CI, VCP, etc.)				
23	Average length				
24	Number of active service connections				
25	Beginning of year				
26	Added during year				
27	Retired during year				
28	Close of year				
29					
30	Give full particulars concerning inactive connections				
31					
32					
33					
34	What repairs were accomplished during year?				
35					
36					
37					
38	<b>COLLECTING, INTERCEPTOR and FORCE MAINS</b>				
39	Size (inches)	Collecting Mains	Interceptor Mains	Force Mains	
40	Type of main (CI, VCP, etc.)				
41	Length of pipe (nearest foot)				
42	Beginning of year				
43	Added during year				
44	Retired during year				
45	Close of year				
46					
47	<b>MANHOLES</b>				
48	Size				
49	Type				
50	Number				
51	Beginning of year				
52	Added during year				
53	Retired during year				
54	Close of year				
55					
56					
57					

## SALARIES, WAGES AND NUMBER OF EMPLOYEES

	Water Utility	Sewage Utility
Total Salaries and Wages for Year, Including Amounts		
Charged to Operating Expenses, Construction etc	\$ 676,430	0
Total Number of Employees, at End of Year, Including		
Administrative, Operating, Maintenance Construction etc	N/A	

Note: All work performed for Artesian Water Maryland is performed by Artesian Water Company employees. The salaries are allocated based on Artesian's Cost Allocation Manual.

### Rates

Water		
<b>Carpenter's Point</b>		
What charge is made for tapping mains?	\$	1,500
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. due to violations?	\$	50
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. per customer request?	\$	25
What charge is made for shutting off and turning on water after 5 p.m.?	\$	55
When were rates last fixed for (a) meter service?		March 19, 2008
(b) flat or fixture service?		March 19, 2008
Are special rates made outside of regular and flat service rates, and if so, under what conditions?		N/A
<b>Mountain Hill</b>		
What charge is made for tapping mains?	\$	5,345
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. due to violations?	\$	50
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. per customer request?	\$	25
What charge is made for shutting off and turning on water after 5 p.m.?	\$	55
When were rates last fixed for (a) meter service?		September 2, 2011
(b) flat or fixture service?		September 2, 2011
Are special rates made outside of regular and flat service rates, and if so, under what conditions?		N/A
<b>Port Deposit</b>		
What charge is made for tapping mains?	\$	8,000
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. due to violations?	\$	50
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. per customer request?	\$	25
What charge is made for shutting off and turning on water after 5 p.m.?	\$	55
When were rates last fixed for (a) meter service?		November 1, 2010
(b) flat or fixture service?		November 1, 2010
Are special rates made outside of regular and flat service rates, and if so, under what conditions?		N/A
<b>Elkton West</b>		
What charge is made for tapping mains?	\$	6,000
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. due to violations?	\$	50
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. per customer request?	\$	25
What charge is made for shutting off and turning on water after 5 p.m.?	\$	55
When were rates last fixed for (a) meter service?		December 21, 2011
(b) flat or fixture service?		December 21, 2011
Are special rates made outside of regular and flat service rates, and if so, under what conditions?		N/A
<b>CECO</b>		
What charge is made for tapping mains?	\$	1,200
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. due to violations?	\$	10
What charge is made for shutting off and turning on water between 8 a.m. and 5 p.m. per customer request?	\$	10
What charge is made for shutting off and turning on water after 5 p.m.?	\$	10
When were rates last fixed for (a) meter service?		November 9, 2012
(b) flat or fixture service?		November 9, 2012
Are special rates made outside of regular and flat service rates, and if so, under what conditions?		N/A

### FRANCHISE CONDITIONS

1. Show for each of the several franchises claimed by the respondent at the close of the year the following particulars, and mark the parts of the answer to correspond with the several parts of the inquiry:

(a) The name of the grantor;	(g) The actual consideration given for it by the first grantee
(b) The date of the grant;	(h) The actual consideration given for it by the respondent
(c) The territory covered by the franchise;	(i) (describing fully such consideration if other than money);
(d) The operations covered by the franchise;	(j) Whether the franchise is exclusive or not;
(e) The term for which it is granted;	(k) All franchise requirements such as water furnished free or
(f) The chain of title connecting the respondent with the grantor,	at reduced rates, etc.;
giving dates of all transfers;	(l) Special conditions of the franchise, giving full details

N/A

IMPORTANT CHANGES DURING THE YEAR

Hereunder state the following matters:

- 1. All extensions of system, giving location, new territory covered by system and dates of beginning operation.
2. All other important physical changes, including herein all new plant and equipment built or installed.
3. All leaseholds acquired or surrendered, giving dates, lengths of terms, names of parties, rents and other conditions.
4. All consolidations, mergers and reorganizations effected, giving particulars.
5. All stocks actually issued, giving names of stocks, amounts actually issued, and purposes for which issued, and describing the consideration realized, giving amounts and values. State also the date of the authorization by the Public Service Commission under which such issues were made.
6. All funded debt actually issued, giving names of securities, amounts actually issued, and purposes for which issued, and describing the consideration realized giving amounts and values State also the date of the authorization by the Public Service Commission under which such issues were made.
7. All changes in the respondents' holdings of stocks and funded debt, including herein a statement of its own securities reacquired after actual issue, and a statement of such reacquired securities later sold, if any.
8. All other important financial changes, giving full particulars, including herein all funded debt discharged and all stocks retired.
9. All modifications of or additions to franchise rights, describing fully the actual consideration given therefor and the parties from whom acquired.
10. All changes in rates

Make the statements explicit and precise, and number them in accordance with the inquiries. Each inquiry must be fully answered, and if the word "none" truly states the fact it may be used in answering any particular inquiry.

Numbered lines 1 through 10 for providing answers to the inquiries.

VERIFICATION

(Oath to be made by the President, Treasurer or General Manager of the reporting corporation, or by the individual or some member of the firm owning the plant )

STATE OF DELAWARE
CITY NEWARK
COUNTY OF NEW CASTLE

ss:

DAVID B. SPACHT makes oath and says that he is the

CFO AND TREASURER of ARTESIAN WATER MARYLAND, INC.
(Here insert the title of the office held by the affiant) (Here insert the exact name of the reporting corporation, individual or firm)

that he has charge and that as such officer it is his duty to have charge of the accounts, records and memoranda of the said corporation; that under his directions the foregoing report has been compiled from the accounts, records and memoranda of said corporation; that e has carefully examined the foregoing report, that it is in accord with the said accounts, records and memoranda, and that the allegations of the fact made in the said report are true, as he verily believes.

Subscribed and sworn to before me

DAVID B SPACHT
in and for the State and above named, this

2019 May 2016 7
3-14-2020

Signature of David B. Spacht

Signature of Robin E. Thompson
(Robin E. Thompson)
(Signature of Officer authorized to administer oaths.)



The foregoing oath must be taken and the report must be filed in the office of the Public Service Commission, Baltimore, Maryland on or before May 31 of the year next succeeding the year covered by this report.