

**CLARKE UTILITIES, INC.  
DOCKET NO. W-1205, Sub 14**

**TESTIMONY OF CHARLES A. AKPOM  
ON BEHALF OF THE PUBLIC STAFF  
NORTH CAROLINA UTILITIES COMMISSION**

**June 21, 2021**

1 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND**  
2 **PRESENT POSITION.**

3 A. My name is Charles A. Akpom and my business address is 430 N.  
4 Salisbury Street, Raleigh, North Carolina. I am a Staff Accountant  
5 with the Accounting Division of the Public Staff – North Carolina  
6 Utilities Commission (Public Staff), and represent the using and  
7 consuming public.

8 **Q. HOW LONG HAVE YOU BEEN EMPLOYED BY THE PUBLIC**  
9 **STAFF?**

10 A. I have been employed by the Public Staff since September 14, 2020.

11 **Q. BRIEFLY STATE YOUR EDUCATION AND EXPERIENCE.**

12 A. I am a graduate of Southern University, A & M, Baton Rouge,  
13 Louisiana with a Masters of Business Administration degree in  
14 Accounting and I am a Certified Public Accountant (CPA). Prior to  
15 joining the Public Staff, I worked for Blue Cross Blue Shield of  
16 Georgia, Truist Bank (formerly BB&T), and the Internal Revenue  
17 Service (IRS). My duties varied from performing audit engagements

1 to supervision of accounting and internal controls and preparing SEC  
2 filings.

3 **Q. WHAT ARE YOUR DUTIES IN YOUR PRESENT POSITION?**

4 A. I am responsible for analyzing testimony, exhibits, and other data  
5 presented by parties before the North Carolina Utilities Commission  
6 (Commission). I am also responsible for performing examinations of  
7 the books and records of utilities involved in proceedings before the  
8 Commission, and summarizing the results into testimony and  
9 exhibits for presentation to the Commission.

10 **Q. WHAT IS THE NATURE OF THE APPLICATION IN THIS**  
11 **PROCEEDING?**

12 A. On March 22, 2021, Clarke Utilities, Inc. (Clarke) filed an application  
13 with the Commission seeking authority to increase its rates for  
14 providing water and sewer utility services in all of its service areas in  
15 Granville, Franklin, and Wake counties, North Carolina. My  
16 investigation included a review of Clarke's application, an  
17 examination of Clarke's books and records for the test year, and a  
18 review of additional documentation Clarke provided in response to  
19 written data requests.

20 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**  
21 **PROCEEDING?**

1 A. The purpose of my testimony in this proceeding is to present the  
2 results of my investigation of the levels of revenues, expenses, and  
3 investment Clarke filed in support of its requested increase in  
4 operating revenues for water and sewer operations.

5 **Q. WOULD YOU BRIEFLY DESCRIBE THE PRESENTATION OF**  
6 **YOUR TESTIMONY AND EXHIBITS?**

7 A. Yes. My testimony contains a discussion of each issue resulting from  
8 my investigation, and my exhibit consists of schedules showing the  
9 calculation of my adjustments to revenues, expenses, and rate base.  
10 My schedules also reflect adjustments recommended by other Public  
11 Staff witnesses. Schedules 1(a) and 1(b) of my Exhibit I present the  
12 margin on operating revenue deductions requiring a return under  
13 present rates, Clarke's proposed rates, and the Public Staff's  
14 recommended rates. Schedules 2(a) and 2(b) of my Exhibit I present  
15 the original cost rate base for water and sewer operations. Schedules  
16 3(a) and 3(b) of Exhibit I present the calculation of net operating  
17 income for a return under present rates, Clarke's proposed rates, and  
18 the Public Staff's recommended rates. Schedules 4(a) and 4(b) of  
19 Exhibit I presents the Public Staff's calculation of operating ratios.

20 **Q. WHAT CONCLUSIONS HAVE YOU REACHED REGARDING**  
21 **CLARKE'S RATE REQUEST FOR WATER OPERATIONS?**

22 A. Based on my investigation, Clarke's original cost rate base at  
23 December 31, 2019, is \$72,384 for water operations. The level of

1 operating revenue deductions requiring a return (total operating  
2 expenses excluding the regulatory fee and income taxes) is  
3 \$203,740. As allowed under N. C. Gen. Stat. § 62-133.1, I used the  
4 operating ratio method to evaluate the Company's proposed revenue  
5 requirement.

6 I calculated an increase in the gross revenue requirement using the  
7 operating margin of 7.00%, the reasonable rate recommended by  
8 Public Staff Director of Economic Research John R. Hinton. Use of  
9 this return on operating revenue deductions produces an increase in  
10 the gross water revenue requirement of \$37,519. The resulting total  
11 revenue requirement will be \$222,436, of which \$222,625 is  
12 attributed to service revenues. Therefore, the Public Staff  
13 recommends that water service rates be set to reflect a \$37,519  
14 increase, resulting in an annual level of service revenues of  
15 \$222,625.

16 **Q. WHAT CONCLUSIONS HAVE YOU REACHED REGARDING**  
17 **CLARKE'S RATE REQUEST FOR SEWER OPERATIONS?**

18 A. Based on my investigation, Clarke's original cost rate base at  
19 December 31, 2019, is \$111,827 for sewer operations. The level of  
20 operating revenue deductions requiring a return (total operating  
21 expenses excluding the regulatory fee and income taxes) is  
22 \$183,821. As allowed under G.S. § 62-133.1, I used the operating

1 ratio method to evaluate the Company's proposed revenue  
2 requirement.

3 Based upon my investigation, I conclude that the Clarke's proposed  
4 sewer revenues are not unreasonable and would not be unfair to its  
5 customers. Therefore, I recommend that the sewer revenues  
6 proposed by Clarke be granted.

7 **Q. DOES AKPOM EXHIBIT I REFLECT ADJUSTMENTS**  
8 **SUPPORTED BY OTHER PUBLIC STAFF WITNESSES?**

9 A. Yes, my exhibit reflects the following adjustments supported by other  
10 Public Staff witnesses:

11 1. The recommendation of Public Staff Director of Economic  
12 Research Hinton regarding the margin on operating revenue  
13 deductions; and

14 2. The recommendations of Public Staff Engineer Gina Y.  
15 Casselberry for the following items:

- 16 (a) Service revenues at present rates;  
17 (b) Service revenues at the Company's proposed rates;  
18 (c) Maintenance and repair;  
19 (d) Chemicals;  
20 (e) Purchased power;  
21 (f) Testing; and  
22 (g) Depreciation rates.

1 **Q. WHAT ADJUSTMENTS WILL YOU DISCUSS?**

2 A. The accounting and ratemaking adjustments that I will discuss relate  
3 to the following items:

- 4 (a) Plant in service;  
5 (b) Accumulated depreciation and depreciation expense;  
6 (c) Cash working capital;  
7 (d) Average tax accruals;  
8 (e) Employee benefits;  
9 (f) Interest expense;  
10 (g) Payroll tax;  
11 (h) Regulatory fees; and  
12 (i) State and Federal income taxes.

13 **PLANT IN SERVICE**

14 **Q. IN WHAT AREAS HAVE YOU MADE ADJUSTMENTS TO PLANT**  
15 **IN SERVICE?**

16 A. Clarke presented the amounts of \$1,242,243 for water plant in  
17 service and \$341,575 for sewer plant in service on its application.  
18 These amounts represent plant cost approved by the Commission in  
19 the last general rate case, Sub 5, plus plant costs added since the  
20 last rate case. The Public staff was unable to tie the Commission  
21 approved plant costs in the last general rate case to Clarke's  
22 supporting documentation. In addition, Clarke's supporting  
23 documentation contained errors in the calculation of accumulated  
24 depreciation and depreciation expense. Since part of the plant in  
25 service per the application could not be tied back to Clarke's records,

1 I calculated an amount for plant in service to be used in this  
2 proceeding.

3 I started with plant in service approved in the Company's last general  
4 rate case and added plant additions Clarke has made since the last  
5 general rate case. Next, based on the recommendation of Public  
6 Staff Engineer Casselberry, I capitalized \$593 of water plant cost that  
7 was improperly expensed during the test year as maintenance and  
8 repair expense. My calculation results in plant in service of  
9 \$1,248,496 for water operations and \$342,529 for sewer operations  
10 and are shown on Exhibit I Schedules 2-1(a) and 2-1(b).

11 **ACCUMULATED DEPRECIATION AND DEPRECIATION EXPENSE**

12 **Q. HOW HAVE YOU ADJUSTED ACCUMULATED DEPRECIATION**  
13 **AND DEPRECIATION EXPENSE?**

14 A. I calculated amounts for accumulated depreciation and depreciation  
15 expense to reflect depreciation related to the adjusted plant assets  
16 discussed above and shown on Exhibit I Schedules 2-1(a) and 2-  
17 1(b). Accumulated depreciation and depreciation expense were  
18 calculated based on the service lives recommended by Public Staff  
19 Engineer Casselberry. Accumulated depreciation was also  
20 calculated based on the year each plant asset was placed in service,  
21 using the half-year convention in the first year of an asset's  
22 depreciable life.

1

**CASH WORKING CAPITAL**

2 **Q. PLEASE DESCRIBE YOUR CALCULATION OF CASH WORKING**  
3 **CAPITAL.**

4 A. Cash working capital provides Clarke with the funds necessary to  
5 carry on its day-to-day operations. In my calculation, I included 1/8  
6 of total maintenance and general expenses as a measure of cash  
7 working capital.

8

**AVERAGE TAX ACCRUALS**

9 **Q. HOW DID YOU CALCULATE AVERAGE TAX ACCRUALS?**

10 A. Average tax accruals, calculated as 1/2 of property taxes plus 1/5 of  
11 payroll taxes, are taxes that Clarke collects in rates but does not pay  
12 to the governmental agency every month. Since Clarke has the use  
13 of this money until it is paid to the governmental agency, these tax  
14 accruals should be deducted from rate base.

15

**EMPLOYEE BENEFITS**

16 **Q. HOW HAVE YOU ADJUSTED EMPLOYEE BENEFITS?**

17 A. I adjusted employee benefits to remove health and dental insurance  
18 premiums that were deducted from the wages of spouses of Clarke  
19 employees. Clarke has not provided any documentation that it is  
20 paying these premiums through reimbursement to the employees'  
21 spouses. Therefore, the health and dental premiums are not an

1 ongoing operating expense that should be recovered from  
2 customers.

3 **INTEREST EXPENSE**

4 **Q. PLEASE EXPLAIN YOUR ADJUSTMENT TO INTEREST**  
5 **EXPENSE?**

6 A. It has been the Public Staff's position and Commission's continuing  
7 policy that a utility's reasonable level of interest expense should be  
8 recovered as a component of net operating income for return.  
9 Therefore, I removed the interest expense from operating revenue  
10 deductions included by the Company.

11 **PAYROLL TAX**

12 **Q. HOW HAVE YOU ADJUSTED PAYROLL TAX?**

13 A. I calculated an amount for payroll tax using the base wages subject  
14 to each type of tax multiplied by the updated federal and state payroll  
15 tax percentages applicable to Clarke.

16 **Q. PLEASE EXPLAIN YOUR ADJUSTMENT TO REGULATORY**  
17 **FEES.**

18 A. I adjusted the regulatory fee to reflect the statutory rate of .13%  
19 applied to revenues under present rates, Clarke's proposed rates,  
20 and the Public Staff's recommended rates.

1

**STATE AND FEDERAL INCOME TAXES**

2 **Q. WHAT ADJUSTMENT HAVE YOU MADE TO STATE AND**  
3 **FEDERAL INCOME TAXES?**

4 A. The levels of state and federal income tax are based on the statutory  
5 corporate rates for the level of income presented after all Public Staff  
6 adjustments. The calculation of state and federal income taxes is  
7 shown on Exhibit I Schedule 3-3(a) and 3-3(b).

8 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

9 A. Yes, it does.



**INDEX TO AKPOM EXHIBIT I**

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**CLARKE UTILITIES, INC.**  
 Docket No. W-1205, Sub 14  
**MARGIN ON OPERATING REVENUE DEDUCTIONS  
 REQUIRING A RETURN**  
 For the Test Year Ended December 31, 2019

Akpm Exhibit I  
 Schedule 1(a)

**Water Operations**

<u>Line No.</u>	<u>Item</u>	<u>Present Rates</u> (a)	<u>Company Proposed Rates</u> (b)	<u>Public Staff Recommended Rates</u> (c)
1.	Net operating income for a return	(\$18,963) [1]	\$41,254 [4]	\$14,255 [6]
2.	Operating revenue deductions requiring a return	<u>203,640 [2]</u>	<u>203,640 [5]</u>	<u>203,640 [7]</u>
3.	Return	<u>-9.31% [3]</u>	<u>20.26% [3]</u>	<u>7.00% [8]</u>

[1] Akpm Exhibit I, Schedule 3(a), Line 34, Column (c).  
 [2] Akpm Exhibit I, Schedule 3(a), Line 16 + Line 24 + Line 25 + Line 26 + Line 27, Column (c).  
 [3] Line 1 divided by Line 2.  
 [4] Akpm Exhibit I, Schedule 3(a), Line 34, Column (e).  
 [5] Akpm Exhibit I, Schedule 3(a), Line 16 + Line 24 + Line 25 + Line 26 + Line 27, Column (e).  
 [6] Line 2 x Line 3.  
 [7] Akpm Exhibit I, Schedule 3(a), Line 16 + Line 24 + Line 25 + Line 26 + Line 27, Column (g).  
 [8] Provided by Public Staff Financial Analyst Hinton.

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**MARGIN ON OPERATING REVENUE DEDUCTIONS  
REQUIRING A RETURN**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 1(b)

**Sewer Operations**

<u>Line No.</u>	<u>Item</u>	<u>Present Rates (a)</u>	<u>Company Proposed Rates (b)</u>
1.	Net operating income for a return	(\$25,144) [1]	\$11,608 [4]
2.	Operating revenue deductions requiring a return	<u>183,821 [2]</u>	<u>183,821 [5]</u>
3.	Return	<u>-13.68% [3]</u>	<u>6.31% [3]</u>

- [1] Akpom Exhibit I, Schedule 3(b), Line 34, Column (c).  
[2] Akpom Exhibit I, Schedule 3(b), Line 16 + Line 24 + Line 25 + Line 26 + Line 27, Column (c).  
[3] Line 1 divided by Line 2.  
[4] Akpom Exhibit I, Schedule 3(b), Line 34, Column (e).  
[5] Akpom Exhibit I, Schedule 3(b), Line 16 + Line 24 + Line 25 + Line 26 + Line 27, Column (e).

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**ORIGINAL COST RATE BASE**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 2

**Water and Sewer Combined**

<u>Line No.</u>	<u>Item</u>	<u>Per Application</u> [1] (a)	<u>Public Staff Adjustments</u> [2] (b)	<u>After Public Staff Adjustments</u> [3] (c)
1.	Plant in service	\$1,583,868	\$7,157	\$1,591,025
2.	Contributions in aid of construction	(1,081,408)	0	(1,081,408)
3.	Accumulated depreciation	(280,160)	(84,341)	(364,501)
4.	Deferred charges	0	0	0
5.	Cash working capital	0	42,361	42,361
6.	Average tax accruals	<u>0</u>	<u>(3,266)</u>	<u>(3,266)</u>
7.	Original cost rate base (Sum of L1 thru L6)	<u>\$222,300</u>	<u>(\$38,089)</u>	<u>\$184,211</u>

[1] Akpom Exhibit I, Schedule 2(a) plus 2(b), Column (a).  
[2] Akpom Exhibit I, Schedule 2(a) plus 2(b), Column (b).  
[3] Akpom Exhibit I, Schedule 2(a) plus 2(b), Column (c).

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**ORIGINAL COST RATE BASE**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 2(a)

**Water Operations**

Line No.	Item	Per Application (a)	Public Staff Adjustments [1] (b)	After Public Staff Adjustments (c)
1.	Plant in service	\$1,242,293	\$6,203	\$1,248,496 [2]
2.	Contributions in aid of construction	(1,081,408)	0	(1,081,408) [3]
3.	Accumulated depreciation	(118,836)	3,026	(115,810) [4]
4.	Deferred charges	0	0	0
5.	Cash working capital	0	22,918	22,918 [5]
6.	Average tax accruals	0	(1,812)	(1,812) [6]
7.	Original cost rate base (Sum of L1 thru L6)	<u>\$42,049</u>	<u>\$30,335</u>	<u>\$72,384</u>

- [1] Column (c) minus Column (a).  
[2] Akpom Exhibit I, Schedule 2-1(a), Column (a), Line 139.  
[3] Akpom Exhibit I, Schedule 2-1(a), Column (b), Line 139.  
[4] Akpom Exhibit I, Schedule 2-1(a), Column (h), Line 139.  
[5] Calculated at one-eighth of maintenance and general expenses.  
[6] Calculated at one-fifth payroll tax plus one-half property tax

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**ORIGINAL COST RATE BASE**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 2(b)

**Sewer Operations**

Line No.	Item	Per Application (a)	Public Staff Adjustments [1] (b)	After Public Staff Adjustments (c)
1.	Plant in service	\$341,575	\$954	\$342,529 [2]
2.	Contributions in aid of construction	0	0	0
3.	Accumulated depreciation	(161,324)	(87,367)	(248,691) [3]
4.	Deferred charges	0	0	0
5.	Cash working capital	0	19,443	19,443 [4]
6.	Average tax accruals	0	(1,454)	(1,454) [5]
7.	Original cost rate base (Sum of L1 thru L6)	<u>\$180,251</u>	<u>(\$68,424)</u>	<u>\$111,827</u>

[1] Column (c) minus Column (a).  
[2] Akpom Exhibit I, Schedule 2-1(b), Column (a), Line 102.  
[3] Akpom Exhibit I, Schedule 2-1(b), Column (f), Line 102.  
[4] Calculated at one-eighth of maintenance and general expenses.  
[5] Calculated at one-fifth payroll tax plus one-half property tax

**CLARKE UTILITIES, INC.**  
 Docket No. W-1205, Sub 14  
**CALCULATION OF PLANT IN SERVICE, ACCUMULATED  
 DEPRECIATION AND DEPRECIATION EXPENSE**  
 For the Test Year Ended December 31, 2019

Akpm Exhibit I  
 Schedule 2-1(a)

**Water Operations**

Line No.	Item	Plant In Service (a)	Contributed Plant (b)	Depreciable Plant [3] (c)	Year Acquired (d)	Depreciation Life In Years (e)	Years In Service [5] (f)	Annual Depreciation [6] (g)	Accumulated Depreciation [7] (h)		
<b>Per Sub 5 Rate Case:</b>											
1	Meters	\$1,314 [1]	\$0	\$1,314	1994	[1]	30	[1]	25.5	\$44	(\$1,122)
2	Locking valve box lid	88 [1]	0	88	1996	[1]	10	[1]	23.5	0	(88)
3	Blow off valve	56 [1]	0	56	1996	[1]	25	[1]	23.5	2	(47)
4	Meter box and lid	60 [1]	0	60	1996	[1]	25	[1]	23.5	2	(47)
5	Meter replacement	70 [1]	0	70	1997	[1]	25	[1]	22.5	3	(68)
6	Meter installations	420 [1]	0	420	1997	[1]	25	[1]	22.5	17	(383)
7	Move service	254 [1]	0	254	1997	[1]	25	[1]	22.5	10	(225)
8	Renovate service	540 [1]	0	540	1997	[1]	25	[1]	22.5	22	(495)
9	Meter installations	140 [1]	0	140	1998	[1]	25	[1]	21.5	6	(129)
10	Renovate service	761 [1]	0	761	1998	[1]	25	[1]	21.5	30	(645)
11	Meter connection fee	140 [1]	0	140	1998	[1]	25	[1]	21.5	6	(129)
12	Renovate service	137 [1]	0	137	1999	[1]	25	[1]	20.5	5	(103)
13	Well house roof	100 [1]	0	100	1999	[1]	25	[1]	20.5	4	(82)
14	Meter replacement	156 [1]	0	156	1999	[1]	25	[1]	20.5	6	(123)
15	Master meter	624 [1]	0	624	1999	[1]	25	[1]	20.5	25	(513)
16	Flow switch	111 [1]	0	111	2000	[1]	5	[1]	19.5	0	(111)
17	Chemical pump	575 [1]	0	575	2000	[1]	5	[1]	19.5	0	(575)
18	Well house renovations	450 [1]	0	450	2000	[1]	25	[1]	19.5	18	(351)
19	Meter replacement	132 [1]	0	132	2000	[1]	25	[1]	19.5	5	(98)
20	Renovate service	210 [1]	0	210	2000	[1]	25	[1]	19.5	8	(156)
21	Meter box and lids	128 [1]	0	128	2000	[1]	25	[1]	19.5	5	(98)
22	Vertical tanks	291 [1]	0	291	2001	[1]	10	[1]	18.5	0	(291)
23	Electrical renovations	115 [1]	0	115	2001	[1]	10	[1]	18.5	0	(115)
24	HOA switches	107 [1]	0	107	2001	[1]	10	[1]	18.5	0	(107)
25	Renovate service	977 [1]	0	977	2001	[1]	25	[1]	18.5	39	(722)
26	Meter replacement	190 [1]	0	190	2001	[1]	25	[1]	18.5	8	(148)
27	Renovate blow off	391 [1]	0	391	2001	[1]	25	[1]	18.5	16	(296)
28	Renovate main	756 [1]	0	756	2001	[1]	25	[1]	18.5	30	(555)
29	Chemical pump	311 [1]	0	311	2003	[1]	3	[1]	16.5	0	(311)
30	Pulsatron pumps	671 [1]	0	671	2004	[1]	5	[1]	15.5	0	(671)
31	Chevrolet truck	11,674 [1]	0	11,674	2003	[1]	5	[1]	16.5	0	(11,674)
32	Riding lawn mower	2,140 [1]	0	2,140	2003	[1]	5	[1]	16.5	0	(2,140)
33	Trash pump	350 [1]	0	350	2003	[1]	3	[1]	16.5	0	(350)

**CLARKE UTILITIES, INC.**  
 Docket No. W-1205, Sub 14  
**CALCULATION OF PLANT IN SERVICE, ACCUMULATED  
 DEPRECIATION AND DEPRECIATION EXPENSE**  
 For the Test Year Ended December 31, 2019

Akpm Exhibit I  
 Schedule 2-1(a)

**Water Operations**

Line No.	Item	Plant In Service (a)	Contributed Plant (b)	Depreciable Plant [3] (c)	Year Acquired (d)	Depreciation Life In Years (e)	Years In Service [5] (f)	Annual Depreciation [6] (g)	Accumulated Depreciation [7] (h)
34	Golf cart	1,257 [1]	0	1,257	2004	[1] 5	[1] 15.5	0	(1,257)
35	String trimmer	107 [1]	0	107	2004	[1] 3	[1] 15.5	0	(107)
36	Metal detector	73 [1]	0	73	2004	[1] 3	[1] 15.5	0	(73)
37	Computer	1,765 [1]	0	1,765	2003	[1] 4	[1] 16.5	0	(1,765)
38	Desk, shelf, bookcase	666 [1]	0	666	2003	[1] 10	[1] 16.5	0	(666)
39	Utility software	375 [1]	0	375	2003	[1] 3	[1] 16.5	0	(375)
40	Buffet	170 [1]	0	170	2003	[1] 10	[1] 16.5	0	(170)
41	Chair	53 [1]	0	53	2003	[1] 10	[1] 16.5	0	(53)
42	Computer system	578 [1]	0	578	2004	[1] 4	[1] 15.5	0	(578)
43	Acquisition of Millstone Franchise assets	176,006 [1]	(176,006) [1]	0	2006	[1] n/a	[1] n/a	0	0
44	2007 Chevrolet truck	10,090 [1]	0	10,090	2007	[1] 4	[1] 12.5	0	(10,090)
45	Submersible pump - Well #2	3,204 [1]	0	3,204	2008	[1] 5	[1] 11.5	0	(3,204)
46	Submersible pump - Well #5	5,022 [1]	0	5,022	2008	[1] 5	[1] 11.5	0	(5,022)
47	Lawn mower engine	256 [1]	0	256	2008	[1] 5	[1] 11.5	0	(256)
48	Small engine	254 [1]	0	254	2008	[1] 5	[1] 11.5	0	(254)
49	Chemical pumps	1,070 [1]	0	1,070	2008	[1] 5	[1] 11.5	0	(1,070)
50	Liquid flow switches	172 [1]	0	172	2008	[1] 5	[1] 11.5	0	(172)
51	Electronic hour meter	64 [1]	0	64	2008	[1] 5	[1] 11.5	0	(64)
52	Electronic counter LCD	64 [1]	0	64	2008	[1] 5	[1] 11.5	0	(64)
53	Three phase line monitor	92 [1]	0	92	2008	[1] 5	[1] 11.5	0	(92)
54	Submersible water pump/motor - Well #3	4,146 [1]	0	4,146	2008	[1] 5	[1] 11.5	0	(4,146)
55	Water meter replacement	448 [1]	0	448	2009	[1] 20	[1] 10.5	22	(231)
56	Water meter replacement	210 [1]	0	210	2009	[1] 20	[1] 10.5	11	(116)
57	Heavy duty flow switch	254 [1]	0	254	2009	[1] 5	[1] 10.5	0	(254)
58	Well #3 pump replacement	4,167 [1]	0	4,167	2009	[1] 5	[1] 10.5	0	(4,167)
59	Water meter replacement	1,612 [1]	0	1,612	2010	[1] 20	[1] 9.5	81	(770)
60	Chemical pump replacement	867 [1]	0	867	2010	[1] 5	[1] 9.5	0	(867)
61	Pump motor replacement	1,615 [1]	0	1,615	2010	[1] 5	[1] 9.5	0	(1,615)
62	Pump motor replacement	1,257 [1]	0	1,257	2010	[1] 5	[1] 9.5	0	(1,257)
63	Meter & clean out boxes	303 [1]	0	303	2010	[1] 20	[1] 9.5	15	(143)
64	Dodge truck	14,105 [1]	0	14,105	2011	[1] 4	[1] 8.5	0	(14,105)

**CLARKE UTILITIES, INC.**  
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DEPRECIATION AND DEPRECIATION EXPENSE**  
For the Test Year Ended December 31, 2019

Akpm Exhibit I  
Schedule 2-1(a)

**Water Operations**

Line No.	Item	Plant In Service (a)	Contributed Plant (b)	Depreciable Plant [3] (c)	Year Acquired (d)	Depreciation Life In Years (e)	Years In Service [5]	Annual Depreciation [6] (g)	Accumulated Depreciation [7] (h)
65	Well #3 pump replacement	3,266 [1]	0	3,266	2011	[1] 5	[1] 8.5	0	(3,266)
66	Well #2 pump replacement	1,533 [1]	0	1,533	2011	[1] 5	[1] 8.5	0	(1,533)
67	Water meter replacement	329 [1]	0	329	2011	[1] 20	[1] 8.5	16	(136)
68	Engineering plans/DENR application chemical feed	708 [1]	0	708	2011	[1] 5	[1] 8.5	0	(708)
69	Utility trailer	610 [1]	0	610	2011	[1] 10	[1] 8.5	61	(519)
70	ASUS laptop computer	376 [1]	0	376	2011	[1] 5	[1] 8.5	0	(376)
71	Gateway computer	401 [1]	0	401	2011	[1] 5	[1] 8.5	0	(401)
72	Printer	151 [1]	0	151	2011	[1] 3	[1] 8.5	0	(151)
73	AC Compact	32 [1]	0	32	2011	[1] 5	[1] 8.5	0	(32)
74	Truck tool boxes	299 [1]	0	299	2011	[1] 4	[1] 8.5	0	(299)
75	Insulation resistance tester	148 [1]	0	148	2011	[1] 5	[1] 8.5	0	(148)
76	Meter boxes	227 [1]	0	227	2011	[1] 20	[1] 8.5	11	(94)
77	Meter setter	159 [1]	0	159	2011	[1] 20	[1] 8.5	8	(68)
78	Pipe threader	55 [1]	0	55	2011	[1] 5	[1] 8.5	0	(55)
79	Meter box	38 [1]	0	38	2011	[1] 20	[1] 8.5	2	(17)
80	Meter boxes	164 [1]	0	164	2011	[1] 20	[1] 8.5	8	(68)
81	Meter boxes	116 [1]	0	116	2011	[1] 20	[1] 8.5	6	(51)
82	Acer LED monitor	54 [1]	0	54	2011	[1] 5	[1] 8.5	0	(54)
83	New sewer well testing	778 [1]	0	778	2011	[1] 3	[1] 8.5	0	(778)
84	ASUS laptop computer	350 [1]	0	350	2012	[1] 5	[1] 7.5	0	(350)
85	Chemical pumps replacement	1,265 [1]	0	1,265	2012	[1] 5	[1] 7.5	0	(1,265)
86	Water tap and meter CS lift station	1,279 [1]	0	1,279	2012	[1] 20	[1] 7.5	64	(480)
87	Total Sub 5 Plant (Sum of L1 thru L86)	<u>267,099</u>	<u>(176,006)</u>	<u>91,093</u>				<u>616</u>	<u>(86,820)</u>
<b>Plant Additions Since Last Rate Case</b>									
88	Acquisition of Millstone Ph. 3	76,361 [2]	(76,361) [2]	0	2012	[2] 25	[4] 7.5	0	0
89	Acquisition of Beau Pre	227,776 [2]	(227,776) [2]	0	2013	[2] 25	[4] 6.5	0	0
90	Well Water Meter	711 [2]	0	711	2014	[2] 10	[4] 5.5	71	(391)
91	Well Water Meter	709 [2]	0	709	2015	[2] 10	[4] 4.5	71	(320)
92	Residential Meters (12)	847 [2]	0	847	2015	[2] 20	[4] 4.5	42	(189)
93	2015 GMC Pickup	21,712 [2]	(2,000) [2]	19,712	2015	[2] 6	[4] 4.5	3,285	(14,783)
94	Trailer with chemical tank	5,015 [2]	0	5,015	2016	[2] 10	[4] 3.5	502	(1,757)
95	Chemical tank for DC wells	1,286 [2]	0	1,286	2016	[2] 10	[4] 3.5	129	(452)
96	Mower	1,548 [2]	0	1,548	2016	[2] 7	[4] 3.5	221	(774)
97	Lenovo computer	349 [2]	0	349	2016	[2] 5	[4] 3.5	70	(245)
98	Concrete Hole Drill	875 [2]	0	875	2016	[2] 7	[4] 3.5	125	(438)
99	Residential Meters (12)	709 [2]	(709) [2]	0	2016	[2] 20	[4] 3.5	0	0
100	Residential Meters (12)	720 [2]	(720) [2]	0	2016	[2] 20	[4] 3.5	0	0
101	Residential Meters (18)	1,038 [2]	(1,038) [2]	0	2016	[2] 20	[4] 3.5	0	0
102	Acquisition of Glen Creek Ph 1 Bea	204,635 [2]	(204,635) [2]	0	2016	[2] 25	[4] 3.5	0	0
103	Trailer, 5'x10' for generator	594 [2]	0	594	2017	[2] 10	[4] 2.5	59	(148)
104	Residential meters (12)	709 [2]	(709) [2]	0	2017	[2] 20	[4] 2.5	0	0

**CLARKE UTILITIES, INC.**  
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For the Test Year Ended December 31, 2019

Akpm Exhibit I  
Schedule 2-1(a)

**Water Operations**

Line No.	Item	Plant In Service (a)	Contributed Plant (b)	Depreciable Plant [3] (c)	Year Acquired (d)	Depreciation Life In Years (e)	Years In Service [5] (f)	Annual Depreciation [6] (g)	Accumulated Depreciation [7] (h)
105	Concrete Saw	565 [2]	0	565	2017	[2] 7	[4] 2.5	81	(203)
106	Replace pump, Well 3 at DC	1,813 [2]	0	1,813	2017	[2] 5	[4] 2.5	363	(908)
107	Replace pump, Well 1 at DC	2,121 [2]	0	2,121	2017	[2] 5	[4] 2.5	424	(1,060)
108	Brothers Printer	196 [2]	0	196	2017	[2] 3	[4] 2.5	65	(163)
109	Residential meter 1"	144 [2]	0	144	2017	[2] 20	[4] 2.5	7	(18)
110	Residential meters (12)	720 [2]	(720) [2]	0	2017	[2] 20	[4] 2.5	0	0
111	Residential meters (6)	384 [2]	0	384	2017	[2] 20	[4] 2.5	19	(48)
112	Residential meters (18)	1,070 [2]	(1,070) [2]	0	2017	[2] 20	[4] 2.5	0	0
113	Pulsatron Chemical Pump	506 [2]	0	506	2018	[2] 5	[4] 1.5	101	(152)
114	Well Water Meter	591 [2]	0	591	2018	[2] 10	[4] 1.5	59	(89)
115	Caterpillar Generator	532 [2]	0	532	2018	[2] 10	[4] 1.5	53	(80)
116	Control Box, 5 hp Milestone	298 [2]	0	298	2018	[2] 10	[4] 1.5	30	(45)
117	Chemical tank for wells	692 [2]	0	692	2019	[2] 5	[4] 1.0	138	(138)
118	Chemical pump	569 [2]	0	569	2019	[2] 5	[4] 1.0	114	(114)
119	Air compressor for hydro tank	172 [2]	0	172	2018	[2] 3	[4] 1.5	57	(86)
120	Pressure washer	280 [2]	0	280	2018	[2] 5	[4] 1.5	56	(84)
121	Air compressor for hydro tank	183 [2]	0	183	2018	[2] 3	[4] 1.5	61	(92)
122	Hysquarma Grass Trimmer	101 [2]	0	101	2018	[2] 5	[4] 1.5	20	(30)
123	Well Water Meter 1 HR	593 [2]	0	593	2019	[2] 10	[4] 1.0	59	(59)
124	Residential Meters (18)	1,267 [2]	(1,267) [2]	0	2018	[2] 20	[4] 1.5	0	0
125	Residential Meters (12)	802 [2]	(802) [2]	0	2018	[2] 20	[4] 1.5	0	0
126	Residential Meters (1")	242 [2]	0	242	2018	[2] 20	[4] 1.5	12	(18)
127	Residential Meters (18)	1,234 [2]	0	1,234	2019	[2] 20	[4] 1.0	62	(62)
128	Residential Meters (18)	1,207 [2]	(1,207) [2]	0	2019	[2] 20	[4] 1.0	0	0
129	Residential Meters (18)	1,207 [2]	(1,207) [2]	0	2019	[2] 20	[4] 1.0	0	0
130	Acquisition of Sweetwater	164,797 [2]	(164,797) [2]	0	2019	[2] 25	[4] 1.0	0	0
131	Acquisition of Glen Creek Ph2	219,196 [2]	(219,196) [2]	0	2019	[2] 25	[4] 1.0	0	0
132	Residential Meters (18)	1,188 [2]	(1,188) [2]	0	2020	[2] 20	[4] 1.0	0	0
133	Chemical Pumps (5)	3,192 [2]	0	3,192	2020	[2] 5	[4] 1.0	638	(638)
134	Well water meter	592 [2]	0	592	2019	[2] 10	[4] 1.0	59	(59)
135	Replace 2015 GMC TK Trans	3,146 [2]	0	3,146	2019	[2] 3	[4] 1.0	1,049	(1,049)
136	2021 GMC Tk for employee	25,610 [2]	0	25,610	2021	[2] 6	[4] 1.0	4,268	(4,268)
137	Residential Water Meter	593 [2]	0	593	2019	[2] 20	[4] 1.0	30	(30)
138	<b>Total Plant Additions (Sum of L88 thru L137)</b>	<u>981,397</u>	<u>(905,402)</u>	<u>75,995</u>				<u>12,400</u>	<u>(28,990)</u>
139	Total plant in service per Public Staff (L87 + L138)	<u>\$1,248,496</u>	<u>(\$1,081,408)</u>	<u>\$167,088</u>				<u>\$13,016</u>	<u>(\$115,810)</u>

[1] Per Commission Final Order in Sub 5 rate case proceeding.  
[2] Per examination of Company's financial records.  
[3] Column (a) plus Column (b).  
[4] Provided by Public Staff Engineer Casselberry.

[5] Calculated based on year placed in service using half year convention.  
[6] Column (c) divided by Column (e), unless fully depreciated.  
[7] Column (f) multiplied by Column (g), unless fully depreciated.

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Akpom Exhibit I  
 Schedule 2-1(b)

**Sewer Operations**

Line No.	Item	Plant In Service (a)	Year Acquired (b)	Depreciation Life In Years (c)	Years In Service (d)	Annual Depreciation (e)	Accumulated Depreciation (f)
<b>Per Sub 5 Rate Case:</b>							
1	Diffuser caps	\$613 [1]	1996	[1]	10	[1]	23.5
2	Pump replacement - impeller	985 [1]	1996	[1]	20	[1]	23.5
3	Tertiary filter media	8,480 [1]	1997	[1]	10	[1]	22.5
4	Spray nozzles	590 [1]	1997	[1]	10	[1]	22.5
5	Blower	207 [1]	1997	[1]	10	[1]	22.5
6	Parastolic pump	305 [1]	1997	[1]	10	[1]	22.5
7	Alternating relay	143 [1]	1997	[1]	10	[1]	22.5
8	Sutobilt blower	3,201 [1]	1997	[1]	20	[1]	22.5
9	Grinder impellers	2,501 [1]	1998	[1]	10	[1]	21.5
10	Power supply	165 [1]	1998	[1]	10	[1]	21.5
11	Check valve	542 [1]	1998	[1]	10	[1]	21.5
12	Motor rewind	1,958 [1]	1999	[1]	10	[1]	20.5
13	Blower motor starter	897 [1]	2000	[1]	10	[1]	19.5
14	Impeller	1,428 [1]	2000	[1]	10	[1]	19.5
15	Audible alarm	124 [1]	2000	[1]	10	[1]	19.5
16	Dialers and surge protectors	7,224 [1]	2000	[1]	10	[1]	19.5
17	Water plate on pump	1,944 [1]	2000	[1]	10	[1]	19.5
18	Carbon steel tank	34,285 [1]	2000	[1]	25	[1]	19.5
19	WWTP modifications	4,258 [1]	2000	[1]	25	[1]	19.5
20	Panel locks	83 [1]	2001	[1]	10	[1]	18.5
21	Telemetry	953 [1]	2001	[1]	10	[1]	18.5
22	Staff gauges	150 [1]	2001	[1]	10	[1]	18.5
23	Signs	65 [1]	2001	[1]	10	[1]	18.5
24	Submersible pump and motor	2,695 [1]	2003	[1]	5	[1]	16.5
25	Blower motor	404 [1]	2003	[1]	5	[1]	16.5

1,371

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**CLARKE UTILITIES, INC.**  
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 For the Test Year Ended December 31, 2019

Akpm Exhibit I  
 Schedule 2-1(b)

**Sewer Operations**

Line No.	Item	Plant In Service (a)	Year Acquired (b)	Depreciation Life In Years (c)	Years In Service (d)	[4]	Annual Depreciation (e)	[5]	Accumulated Depreciation (f)	[6]
26	DO meter	726 [1]	2003	[1]	3	[1]	16.5	0	(726)	
27	PH tester	106 [1]	2003	[1]	3	[1]	16.5	0	(106)	
28	Chlorine colorimeter	317 [1]	2003	[1]	3	[1]	16.5	0	(317)	
29	Traceable thermometer	147 [1]	2003	[1]	3	[1]	16.5	0	(147)	
30	Blower silencers	671 [1]	2004	[1]	5	[1]	15.5	0	(671)	
31	Auto dialer	367 [1]	2004	[1]	5	[1]	15.5	0	(367)	
32	Chevrolet truck	11,674 [1]	2003	[1]	5	[1]	16.5	0	(11,674)	
33	Riding lawn mower	2,140 [1]	2003	[1]	5	[1]	16.5	0	(2,140)	
34	Trash pump	351 [1]	2003	[1]	3	[1]	16.5	0	(351)	
35	Golf cart	1,258 [1]	2004	[1]	5	[1]	15.5	0	(1,258)	
36	String trimmer	107 [1]	2004	[1]	3	[1]	15.5	0	(107)	
37	Metal detector	73 [1]	2004	[1]	3	[1]	15.5	0	(73)	
38	Computer	1,766 [1]	2003	[1]	4	[1]	16.5	0	(1,766)	
39	Desk, shelf, chair	666 [1]	2003	[1]	10	[1]	16.5	0	(666)	
40	Utility software	375 [1]	2003	[1]	3	[1]	16.5	0	(375)	
41	Buffet	171 [1]	2003	[1]	10	[1]	16.5	0	(171)	
42	Chair	54 [1]	2003	[1]	10	[1]	16.5	0	(54)	
43	Computer system	578 [1]	2004	[1]	4	[1]	15.5	0	(578)	
44	2007 Chevrolet truck	10,090 [1]	2007	[1]	4	[1]	12.5	0	(10,090)	
45	Chlorine meter & equipment	3,423 [1]	2007	[1]	5	[1]	12.5	0	(3,423)	
46	Lift station grinder pump	3,495 [1]	2007	[1]	5	[1]	12.5	0	(3,495)	
47	Ultraviolet light disinfection system	36,032 [1]	2007	[1]	20	[1]	12.5	1,802	(22,525)	
48	Grinder pump	1,461 [1]	2008	[1]	5	[1]	11.5	0	(1,461)	
49	Wastewater tank	20,605 [1]	2008	[1]	20	[1]	11.5	1,030	(11,845)	
50	Ultraviolet light disinfection system - engineering	1,996 [1]	2008	[1]	5	[1]	11.5	0	(1,996)	
51	Small engine	260 [1]	2008	[1]	5	[1]	11.5	0	(260)	

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Akpm Exhibit I  
 Schedule 2-1(b)

**Sewer Operations**

Line No.	Item	Plant In Service (a)	Year Acquired (b)	Depreciation Life In Years (c)	Years In Service (d)	[4]	Annual Depreciation (e)	[5]	Accumulated Depreciation (f)	[6]
52	Lawn mower engine	256 [1]	2008	[1]	5	[1]	11.5	0	(256)	
53	Sewer plant structure	15,000 [1]	2008	[1]	25	[1]	11.5	600	(6,900)	
54	Check valves replacement	1,798 [1]	2009	[1]	10	[1]	10.5	0	(1,798)	
55	Sensaphone auto dialer	387 [1]	2009	[1]	5	[1]	10.5	0	(387)	
56	Grinder pump replacement	1,284 [1]	2010	[1]	5	[1]	9.5	0	(1,284)	
57	Strobe horn	225 [1]	2010	[1]	10	[1]	9.5	23	(219)	
58	2 pumps and control panel	11,123 [1]	2010	[1]	5	[1]	9.5	0	(11,123)	
59	Dodge truck	14,105 [1]	2011	[1]	4	[1]	8.5	0	(14,105)	
60	Air headers/diffusers DC	9,204 [1]	2011	[1]	10	[1]	8.5	920	(7,820)	
61	Air headers/diffusers WV	9,550 [1]	2011	[1]	10	[1]	8.5	955	(8,118)	
62	Flowmeter replacement	3,276 [1]	2011	[1]	10	[1]	8.5	328	(2,788)	
63	Blower at equal. Tank WV	1,460 [1]	2011	[1]	10	[1]	8.5	146	(1,241)	
64	Sensaphone auto dialer WV	365 [1]	2011	[1]	5	[1]	8.5	0	(365)	
65	Utility trailer	610 [1]	2011	[1]	10	[1]	8.5	61	(519)	
66	ASUS laptop computer	376 [1]	2011	[1]	5	[1]	8.5	0	(376)	
67	Gateway computer	401 [1]	2011	[1]	5	[1]	8.5	0	(401)	
68	Printer	151 [1]	2011	[1]	3	[1]	8.5	0	(151)	
69	AC Compact	32 [1]	2011	[1]	5	[1]	8.5	0	(32)	
70	Truck tool boxes	299 [1]	2011	[1]	4	[1]	8.5	0	(299)	
71	Insulation resistance tester	148 [1]	2011	[1]	5	[1]	8.5	0	(148)	
72	Pipe threader	55 [1]	2011	[1]	5	[1]	8.5	0	(55)	
73	ASUS laptop computer	350 [1]	2012	[1]	5	[1]	7.5	0	(350)	
74	Check valves replacement	2,166 [1]	2012	[1]	10	[1]	7.5	217	(1,628)	
75	Air headers/diffusers WV	1,752 [1]	2012	[1]	10	[1]	7.5	175	(1,313)	
76	Total Sub 5 Plant (Sum of L1 thru L75)	<u>247,482</u>						<u>7,798</u>	<u>(204,025)</u>	

**CLARKE UTILITIES, INC.**  
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**CALCULATION OF PLANT IN SERVICE, ACCUMULATED  
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 For the Test Year Ended December 31, 2019

Akpm Exhibit I  
 Schedule 2-1(b)

**Sewer Operations**

Line No.	Item	Plant In Service (a)	Year Acquired (b)	Depreciation Life In Years (c)	Years In Service (d)	Annual Depreciation (e)	Accumulated Depreciation (f)
<b>Plant Additions Since Last Rate Case</b>							
77	Replace LS pump, single phase at CS	4,474 [2]	2013	[2]	5 [3]	6.5	0 (4,474)
78	Replace lift station pump guide rails	312 [2]	2013	[2]	10 [3]	6.5	31 (202)
79	Blower motor WV WWTP	277 [2]	2014	[2]	7 [3]	5.5	40 (220)
80	Replace LS pump, 3 phase at Wsingle phase at CS	6,598 [2]	2015	[2]	7 [3]	4.5	943 (4,244)
81	Replace LS pump, 3 phase at DC	4,142 [2]	2015	[2]	7 [3]	4.5	592 (2,664)
82	Replace LS pump, single phase at CS	4,813 [2]	2015	[2]	5 [3]	4.5	963 (4,334)
83	2015 Chevy Truck	19,712 [2]	2015	[2]	6 [3]	4.5	3,285 (14,783)
84	Mower	1,548 [2]	2016	[2]	7 [3]	3.5	221 (774)
85	Lenovo Computer	350 [2]	2016	[2]	5 [3]	3.5	70 (245)
86	Concrete Hole Drill	875 [2]	2016	[2]	7 [3]	3.5	125 (438)
87	Replace LS pump,3 phase at WV	6,608 [2]	2016	[2]	7 [3]	3.5	944 (3,304)
88	Replace Control Panel, LS at WV	3,548 [2]	2017	[2]	10 [3]	2.5	355 (888)
89	Replace flow meter, WV WWTP	3,593 [2]	2017	[2]	10 [3]	2.5	359 (898)
90	Trailer, 5'x10' for generator	594 [2]	2017	[2]	10 [3]	2.5	59 (148)
91	Concrete Saw	565 [2]	2017	[2]	7 [3]	2.5	81 (203)
92	Brothers Printer	195 [2]	2017	[2]	3 [3]	2.5	65 (163)
93	Replace Swinge Check Valve LS DC	663 [2]	2017	[2]	5 [3]	2.5	133 (333)
94	Caterpillar Generator	532 [2]	2018	[2]	10 [3]	1.5	53 (80)
95	Weed Trimmer	101 [2]	2018	[2]	5 [3]	1.5	20 (30)
96	Replace LS pump, single phase at CS	4,546 [2]	2019	[2]	5 [3]	1.0	909 (909)
97	Replace2 LS pumps, 3 phase at WV	2,355 [2]	2019	[2]	7 [3]	1.0	336 (336)
98	Replace 2015 Chevy tk transmission	3,146 [2]	2019	[2]	3 [3]	1.0	1,049 (1,049)
99	Replace Control Panel	4,546 [2]	2020	[2]	10 [3]	1.0	455 (455)
100	2021 Pickup for employee	20,954 [2]	2021	[2]	6 [3]	1.0	3,492 (3,492)
101	<b>Total Plant Additions (Sum of L88 thru L137)</b>	<u>95,047</u>					<u>14,580 (44,666)</u>
102	Total plant in service per Public Staff (L76 + L101)	<u>\$342,529</u>				<u>\$22,378</u>	<u>(\$248,691)</u>

[1] Per Commission Final Order in Sub 5 rate case proceeding.  
 [2] Per examination of Company's financial records.  
 [3] Provided by Public Staff Engineer Casselberry  
 [4] Calculated based on year placed in service using half year convention.  
 [5] Column (a) divided by Column (c), unless fully depreciated.  
 [6] Column (d) multiplied by Column (e), unless fully depreciated.

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**NET OPERATING INCOME FOR A RETURN**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 3

Line No.	Item	Present Rates			Company Proposed Rates		Public Staff Recommended Rates	
		Amount Per Application	Public Staff Adjustments	Per Public Staff	Net Company Increase	Operations After Rate Increase	Net Public Staff Increase	Operations After Rate Increase
		(a)	(b)	(c) [1]	(d)	(e) [2]	(f)	(g) [3]
<b>Water and Sewer Combined</b>								
<b>Operating Revenues:</b>								
1	Service revenues	\$329,735	\$14,444	\$344,179	\$112,884	\$457,063	\$79,422	\$423,601
2	Miscellaneous revenues	115	0	115	0	115	0	115
3	Uncollectible accounts	(493)	0	(493)	0	(493)	0	(493)
4	<b>Total operating revenues (Sum of L1 thru L3)</b>	<b>329,357</b>	<b>14,444</b>	<b>343,801</b>	<b>112,884</b>	<b>456,685</b>	<b>79,422</b>	<b>423,223</b>
<b>Maintenance expenses:</b>								
5	Salaries and wages	143,278	0	143,278	0	143,278	0	143,278
6	Employee benefits	32,041	(2,797)	29,244	0	29,244	0	29,244
7	Purchased power	29,088	1,084	30,172	0	30,172	0	30,172
8	Maintenance and repair	25,315	(593)	24,722	0	24,722	0	24,722
9	Sludge disposal	11,242	0	11,242	0	11,242	0	11,242
10	Testing	25,008	3,166	28,174	0	28,174	0	28,174
11	Chemicals	12,307	1,372	13,679	0	13,679	0	13,679
12	Transportation	7,812	0	7,812	0	7,812	0	7,812
13	Permit fees	4,912	0	4,912	0	4,912	0	4,912
14	Inspection fees	6,305	0	6,305	0	6,305	0	6,305
15	Telemetry	3,092	0	3,092	0	1,413	0	1,413
16	<b>Total maintenance expenses (Sum of L5 Thru L15)</b>	<b>300,400</b>	<b>2,232</b>	<b>302,632</b>	<b>0</b>	<b>300,953</b>	<b>0</b>	<b>300,953</b>
<b>General Expenses:</b>								
17	Administrative and office	20,411	0	20,411	0	20,411	0	20,411
18	Telephone	2,973	0	2,973	0	2,973	0	2,973
19	Insurance	7,386	0	7,386	0	7,386	0	7,386
20	Bond	500	0	500	0	500	0	500
21	Uniforms	134	0	134	0	134	0	134
22	Interest expense	632	(632)	0	0	0	0	0
23	Rate case expense	4,856	0	4,856	0	4,856	0	4,856
24	<b>Total general expenses (Sum of L18 thru L23)</b>	<b>36,892</b>	<b>(632)</b>	<b>36,260</b>	<b>0</b>	<b>36,260</b>	<b>0</b>	<b>36,260</b>
<b>Depreciation and Taxes:</b>								
25	Depreciation expense	36,647	(1,253)	35,394	0	35,394	0	35,394
26	Property taxes	2,098	0	2,098	0	2,098	0	2,098
27	Payroll taxes	11,161	(84)	11,077	0	11,077	0	11,077
28	Regulatory fee	444	3	447	147	594	103	550
29	Gross receipts tax	0	0	0	0	0	0	0
30	State income tax	0	0	0	1,716	1,716	881	881
31	Federal income tax	0	0	0	14,052	14,052	7,209	7,209
32	<b>Total depreciation and taxes (Sum of L26 thru L31)</b>	<b>50,350</b>	<b>(1,334)</b>	<b>49,016</b>	<b>15,915</b>	<b>64,931</b>	<b>8,193</b>	<b>57,209</b>
33	<b>Total operating revenue deductions (L16 + L24 + L32)</b>	<b>387,642</b>	<b>266</b>	<b>387,908</b>	<b>15,915</b>	<b>402,144</b>	<b>8,193</b>	<b>394,422</b>
34	<b>Net operating income for return (L4 - L33)</b>	<b>(\$58,285)</b>	<b>\$14,178</b>	<b>(\$44,107)</b>	<b>\$96,969</b>	<b>\$54,541</b>	<b>\$71,229</b>	<b>\$28,801</b>

[1] Akpom Exhibit I, Schedule 3(a) plus Schedule 3(b), Column (c).  
[2] Akpom Exhibit I, Schedule 3(a) plus Schedule 3(b), Column (e).  
[3] Akpom Exhibit I, Schedule 3(a) plus Schedule 3(b), Column (g).

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**NET OPERATING INCOME FOR A RETURN**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 3(a)  
Page 1 of 2

**Water Operations**

Line No.	Item	Present Rates		Company Proposed Rates			Public Staff Recommended Rates		
		Amount Per Application (a)	Public Staff Adjustments [1] (b)	Per Public Staff [2] (c)	Net Company Increase [11] (d)	Operations After Rate Increase [12] (e)	Net Public Staff Increase [15] (f)	Operations After Rate Increase [16] (g)	
<b>Operating Revenues:</b>									
1	Service revenues	\$170,600	\$14,506	\$185,106 [3]	\$72,617	\$257,723 [3]	\$37,519	\$222,625 [17]	
2	Miscellaneous revenues	58	0	58	0	58	0	58	
3	Uncollectible accounts	(247)	0	(247)	0	(247)	0	(247)	
4	<b>Total operating revenues (Sum of L1 thru L3)</b>	<u>170,411</u>	<u>14,506</u>	<u>184,917</u>	<u>72,617</u>	<u>257,534</u>	<u>37,519</u>	<u>222,436</u>	
<b>Maintenance expenses:</b>									
5	Salaries and wages	78,803	0	78,803	0	78,803	0	78,803	
6	Employee benefits	17,623	(1,539)	16,084 [4]	0	16,084	0	16,084	
7	Purchased power	16,380	1,084	17,464 [3]	0	17,464	0	17,464	
8	Maintenance and repair	20,959	(593)	20,366 [3]	0	20,366	0	20,366	
9	Sludge disposal	0	0	0	0	0	0	0	
10	Testing	9,751	(1,662)	8,089 [3]	0	8,089	0	8,089	
11	Chemicals	11,749	1,372	13,121 [3]	0	13,121	0	13,121	
12	Transportation	4,297	0	4,297	0	4,297	0	4,297	
13	Permit fees	2,538	0	2,538	0	2,538	0	2,538	
14	Inspection fees	472	0	472	0	472	0	472	
15	Telemetry	2,151	0	2,151	0	2,151	0	2,151	
16	<b>Total maintenance expenses (Sum of L5 Thru L15)</b>	<u>164,723</u>	<u>(1,338)</u>	<u>163,385</u>	<u>0</u>	<u>163,385</u>	<u>0</u>	<u>163,385</u>	
<b>General Expenses:</b>									
17	Administrative and office	11,226	0	11,226	0	11,226	0	11,226	
18	Telephone	1,635	0	1,635	0	1,635	0	1,635	
19	Insurance	4,062	0	4,062	0	4,062	0	4,062	
20	Bond	300	0	300	0	300	0	300	
21	Uniforms	67	0	67	0	67	0	67	
22	Interest expense	316	(316)	0 [5]	0	0	0	0	
23	Rate case expense	2,671	0	2,671	0	2,671	0	2,671	
24	<b>Total general expenses (Sum of L18 thru L23)</b>	<u>20,277</u>	<u>(316)</u>	<u>19,961</u>	<u>0</u>	<u>19,961</u>	<u>0</u>	<u>19,961</u>	
<b>Depreciation and Taxes:</b>									
25	Depreciation expense	14,062	(1,046)	13,016 [6]	0	13,016	0	13,016	
26	Property taxes	1,185	0	1,185	0	1,185	0	1,185	
27	Payroll taxes	6,139	(46)	6,093 [7]	0	6,093	0	6,093	
28	Regulatory fee	222	18	240 [8]	95	335 [8]	49	289 [8]	
29	Gross receipts tax	0	0	0	0	0	0	0	
30	State income tax	0	0	0 [9]	1,339	1,339 [13]	463	463 [18]	
31	Federal income tax	0	0	0 [10]	10,966	10,966 [14]	3,789	3,789 [19]	
32	<b>Total depreciation and taxes (Sum of L26 thru L31)</b>	<u>21,608</u>	<u>(1,074)</u>	<u>20,534</u>	<u>12,400</u>	<u>32,934</u>	<u>4,301</u>	<u>24,835</u>	
33	<b>Total operating revenue deductions (L16 + L24 + L32)</b>	<u>206,608</u>	<u>(2,728)</u>	<u>203,880</u>	<u>12,400</u>	<u>216,280</u>	<u>4,301</u>	<u>208,181</u>	
34	<b>Net operating income for return (L4 - L33)</b>	<u>(\$36,197)</u>	<u>\$17,234</u>	<u>(\$18,963)</u>	<u>\$60,217</u>	<u>\$41,254</u>	<u>\$33,218</u>	<u>\$14,255</u>	

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**CLARKE UTILITIES, INC.**

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Docket No. W-1205, Sub 14

**FOOTNOTES TO SCHEDULE 3(a)**

For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 3(a)  
Page 2 of 2**Water Operations**

- [1] Column (c) minus Column (a), unless otherwise footnoted.
- [2] Column (a) plus Column (b), unless otherwise footnoted.
- [3] Provided by Public Staff Engineer Casselberry
- [4] Akpom Exhibit I, Schedule 3-1, Column (b), Line 4.
- [5] Adjustment to remove interest expense.
- [6] Akpom Exhibit I, Schedule 2-1(a) Column (g), Line 139.
- [7] Akpom Exhibit I, Schedule 3-2, Column (b), Line 5.
- [8] Line 4 multiplied by .13%.
- [9] Akpom Exhibit I, Schedule 3-3(a), Column (a), Line 13.
- [10] Akpom Exhibit I, Schedule 3-3(a), Column (a), Line 14.
- [11] Column (e) minus Column (c), unless otherwise footnoted.
- [12] Column (c) plus Column (d), unless otherwise footnoted.
- [13] Akpom Exhibit I, Schedule 3-3(a), Column (b), Line 13.
- [14] Akpom Exhibit I, Schedule 3-3(a), Column (b), Line 14.
- [15] Column (g) minus Column (c), unless otherwise footnoted.
- [16] Column (c) plus Column (f), unless otherwise footnoted.
- [17] Revenue requirement as calculated by the Public Staff.
- [18] Akpom Exhibit I, Schedule 3-3(a), Column (c), Line 13.
- [19] Akpom Exhibit I, Schedule 3-3(a), Column (c), Line 13.

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**NET OPERATING INCOME FOR A RETURN**  
For the Test Year Ended December 31, 2019

Akpm Exhibit I  
Schedule 3(b)  
Page 1 of 2

**Sewer Operations**

Line No.	Item	Present Rates		Company Proposed Rates		
		Amount Per Application (a)	Public Staff Adjustments [1] (b)	Per Public Staff [2] (c)	Net Company Increase [11] (d)	Operations After Rate Increase [12] (e)
<b>Operating Revenues:</b>						
1	Service revenues	\$159,135	(\$62)	\$159,073 [3]	\$40,267	\$199,340 [3]
2	Miscellaneous revenues	57	0	57	0	57
3	Uncollectible accounts	(246)	0	(246)	0	(246)
4	<b>Total operating revenues (Sum of L1 thru L3)</b>	<u>158,946</u>	<u>(62)</u>	<u>158,884</u>	<u>40,267</u>	<u>199,151</u>
<b>Maintenance expenses:</b>						
5	Salaries and wages	64,475	0	64,475	0	64,475
6	Employee benefits	14,418	(1,258)	13,160 [4]	0	13,160
7	Purchased power	12,708	0	12,708	0	12,708
8	Maintenance and repair	4,356	0	4,356	0	4,356
9	Sludge disposal	11,242	0	11,242	0	11,242
10	Testing	15,257	4,828	20,085 [3]	0	20,085
11	Chemicals	558	0	558	0	558
12	Transportation	3,515	0	3,515	0	3,515
13	Permit fees	2,374	0	2,374	0	2,374
14	Inspection fees	5,833	0	5,833	0	5,833
15	Telemetry	941	0	941	0	941
16	<b>Total maintenance expenses (Sum of L5 Thru L15)</b>	<u>135,677</u>	<u>3,570</u>	<u>139,247</u>	<u>0</u>	<u>139,247</u>
<b>General Expenses:</b>						
17	Administrative and office	9,185	0	9,185	0	9,185
18	Telephone	1,338	0	1,338	0	1,338
19	Insurance	3,324	0	3,324	0	3,324
20	Bond	200	0	200	0	200
21	Uniforms	67	0	67	0	67
22	Interest expense	316	(316)	0 [5]	0	0
23	Rate case expense	2,185	0	2,185	0	2,185
24	<b>Total general expenses (Sum of L18 thru L23)</b>	<u>16,615</u>	<u>(316)</u>	<u>16,299</u>	<u>0</u>	<u>16,299</u>
<b>Depreciation and Taxes:</b>						
25	Depreciation expense	22,585	(207)	22,378 [6]	0	22,378
26	Property taxes	913	0	913	0	913
27	Payroll taxes	5,022	(38)	4,984 [7]	0	4,984
28	Regulatory fee	222	(15)	207 [8]	52	259 [8]
29	Gross receipts tax	0	0	0	0	0
30	State income tax	0	0	0 [9]	377	377 [13]
31	Federal income tax	0	0	0 [10]	3,086	3,086 [14]
32	<b>Total depreciation and taxes (Sum of L26 thru L31)</b>	<u>28,742</u>	<u>(260)</u>	<u>28,482</u>	<u>3,515</u>	<u>31,997</u>
33	<b>Total operating revenue deductions (L16 + L24 + L32)</b>	<u>181,034</u>	<u>2,994</u>	<u>184,028</u>	<u>3,515</u>	<u>187,543</u>
34	<b>Net operating income for return (L4 - L33)</b>	<u>(\$22,088)</u>	<u>(\$3,056)</u>	<u>(\$25,144)</u>	<u>\$36,752</u>	<u>\$11,608</u>

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**CLARKE UTILITIES, INC.**

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Docket No. W-1205, Sub 14

**FOOTNOTES TO SCHEDULE 3(b)**

For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 3(b)  
Page 2 of 2**Sewer Operations**

- [1] Column (c) minus Column (a), unless otherwise footnoted.
- [2] Column (a) plus Column (b), unless otherwise footnoted.
- [3] Provided by Public Staff Engineer Casselberry
- [4] Akpom Exhibit I, Schedule 3-1, Column (c), Line 4.
- [5] Adjustment to remove interest expense.
- [6] Akpom Exhibit I, Schedule 2-1(b) Column (e), Line 102.
- [7] Akpom Exhibit I, Schedule 3-2, Column (c), Line 5.
- [8] Line 4 multiplied by .13%.
- [9] Akpom Exhibit I, Schedule 3-3(b), Column (a), Line 13.
- [10] Akpom Exhibit I, Schedule 3-3(b), Column (a), Line 14.
- [11] Column (e) minus Column (c), unless otherwise footnoted.
- [12] Column (c) plus Column (d), unless otherwise footnoted.
- [13] Akpom Exhibit I, Schedule 3-3(b), Column (b), Line 13.
- [14] Akpom Exhibit I, Schedule 3-3(b), Column (b), Line 14.

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**ADJUSTMENTS TO EMPLOYEE BENEFITS**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 3-1

<u>Line No.</u>	<u>Item</u>	<u>Total</u> [1] <u>(a)</u>	<u>Water</u> [2] <u>(b)</u>	<u>Sewer</u> [3] <u>(c)</u>
1	Employee benefits per application	\$32,041	\$17,623	\$14,418
2	Adjustment to remove dental insurance	(421)	(232)	(189)
3	Adjustment to remove health insurance	<u>(2,376)</u>	<u>(1,307)</u>	<u>(1,069)</u>
4	Employee benefits per Public Staff (Sum of L1 thru L3)	<u>29,244</u>	<u>16,084</u>	<u>13,160</u>
5	Adjustments to employee benefits (Sum L4 -L1)	<u>(\$2,797)</u>	<u>(\$1,539)</u>	<u>(\$1,258)</u>

[1] Per examination of Company's financial records.  
[2] Column (a) multiplied by water allocation factor of 55%.  
[3] Column (a) multiplied by sewer allocation factor of 45%.

**CLARKE UTILITIES, INC.**  
 Docket No. W-1205, Sub 14  
**CALCULATION OF PAYROLL TAX**  
 For the Test Year Ended December 31, 2019

Akpom Exhibit I  
 Schedule 3-2

Line No.	<u>Item</u>	<u>Total</u> (a)	[1]	<u>Water</u> (b)	[2]	<u>Sewer</u> (c)	[3]
1.	Social security	\$8,883		\$4,886		\$3,997	
2.	Medicare	2,078		1,143		935	
3.	Federal unemployment	84		46		38	
4.	State unemployment	32		18		14	
5.	Payroll tax per Public Staff (Sum of L1 thru L4)	<u>\$11,077</u>		<u>\$6,093</u>		<u>\$4,984</u>	

[1] Amounts calculated by the Public Staff based on current tax rates.  
 [2] Column (a) multiplied by water allocation factor of 55%.  
 [3] Column (a) multiplied by sewer allocation factor of 45%.

**CLARKE UTILITIES, INC.**  
 Docket No. W-1205, Sub 14  
**CALCULATION OF INCOME TAXES**  
 For the Test Year Ended December 31, 2019

Akpom Exhibit I  
 Schedule 3-3(a)

Line No.	Water Operations Item	Present	Company	Public Staff
		Rates [1] (a)	Proposed Rates [2] (b)	Recommended Rates [3] (c)
1.	Operating revenue	\$184,917	\$257,534	\$222,436
2.	Operating revenue deductions:			
3.	Maintenance expenses	163,385	163,385	163,385
4.	General expenses	19,961	19,961	19,961
5.	Depreciation expense	13,016	13,016	13,016
6.	Property taxes	1,185	1,185	1,185
7.	Payroll taxes	6,093	6,093	6,093
8.	Regulatory fee	240	335	289
9.	Gross receipts tax	0	0	0
10.	Interest expense	0	0	0
11.	Total deductions (Sum of L3 thru L10)	203,880	203,975	203,929
12.	State taxable income (L1 - L11)	(18,963)	53,559	18,507
13.	State income tax (L12 x 2.5%)	0	1,339	463
14.	Federal taxable income (L12 - L13)	(18,963)	52,220	18,044
15.	Federal income tax (L14 x 21%)	0	10,966	3,789
16.	Net amount (L14 - L15)	(18,963)	41,254	14,255
17.	Add: Interest expense	0	0	0
18.	Net income for return (L16 + L17)	(\$18,963)	\$41,254	\$14,255

[1] Akpom Exhibit I, Schedule 3(a), Column (c).  
 [2] Akpom Exhibit I, Schedule 3(a), Column (e).  
 [3] Akpom Exhibit I, Schedule 3(a), Column (g).

**CLARKE UTILITIES, INC.**  
 Docket No. W-1205, Sub 14  
**CALCULATION OF INCOME TAXES**  
 For the Test Year Ended December 31, 2019

Akpm Exhibit I  
 Schedule 3-3(b)

Line No.	Sewer Operations Item	Present	Company
		Rates [1] (a)	Proposed Rates [2] (b)
1.	Operating revenue	<u>\$158,884</u>	<u>\$199,151</u>
2.	Operating revenue deductions:		
3.	Maintenance expenses	139,247	139,247
4.	General expenses	16,299	16,299
5.	Depreciation expense	22,378	22,378
6.	Property taxes	913	913
7.	Payroll taxes	4,984	4,984
8.	Regulatory fee	207	259
9.	Gross receipts tax	0	0
10.	Interest expense	<u>0</u>	<u>0</u>
11.	Total deductions (Sum of L3 thru L10)	<u>184,028</u>	<u>184,080</u>
12.	State taxable income (L1 - L11)	<u>(25,144)</u>	<u>15,071</u>
13.	State income tax (L12 x 2.5%)	<u>0</u>	<u>377</u>
14.	Federal taxable income (L12 - L13)	<u>(25,144)</u>	<u>14,694</u>
15.	Federal income tax (L14 x 21%)	<u>0</u>	<u>3,086</u>
16.	Net amount (L14 - L15)	(25,144)	11,608
17.	Add: Interest expense	<u>0</u>	<u>0</u>
18.	Net income for return (L16 + L17)	<u><u>(\$25,144)</u></u>	<u><u>\$11,608</u></u>

[1] Akpm Exhibit I, Schedule 3(b), Column (c).  
 [2] Akpm Exhibit I, Schedule 3(b), Column (e).

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**CALCULATION OF OPERATING RATIOS**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 4(a)

**Water Operations**

Line No.	Item	Present Rates (a)	Company Proposed Rates (b)	Public Staff Recommended Rates (c)
	<u>Interest expense, regulatory fee, gross receipts, and income taxes included:</u>			
1.	Gross operating revenues	\$184,917 [1]	\$257,534 [5]	\$222,436 [9]
2.	Operating expenses	<u>203,880 [2]</u>	<u>216,280 [6]</u>	<u>208,181 [10]</u>
3.	Operating ratios (L2 / L1)	<u>110.25%</u>	<u>83.98%</u>	<u>93.59%</u>
	<u>Interest expense, regulatory fee, gross receipts, and income taxes excluded:</u>			
4.	Gross operating revenues	\$184,677 [3]	\$244,894 [7]	\$217,895 [11]
5.	Operating expenses	<u>203,640 [4]</u>	<u>203,640 [8]</u>	<u>203,640 [12]</u>
6.	Operating ratios (L5 / L4)	<u>110.27%</u>	<u>83.15%</u>	<u>93.46%</u>

[1] Akpom Exhibit I, Schedule 3(a), Line 4, Column (c).

[2] Akpom Exhibit I, Schedule 3(a), Line 33, Column (c).

[3] Akpom Exhibit I, Schedule 3(a), Line 4 - Line 28 - Line 29 - Line 30 - Line 31, Column (c).

[4] Akpom Exhibit I, Schedule 3(a), Line 33 - Line 28 - Line 29 - Line 30 - Line 31, Column (c).

[5] Akpom Exhibit I, Schedule 3(a), Line 4, Column (e).

[6] Akpom Exhibit I, Schedule 3(a), Line 33, Column (e).

[7] Akpom Exhibit I, Schedule 3(a), Line 4 - Line 28 - Line 29 - Line 30 - Line 31, Column (e).

[8] Akpom Exhibit I, Schedule 3(a), Line 33 - Line 28 - Line 29 - Line 30 - Line 31, Column (e).

[9] Akpom Exhibit I, Schedule 3(a), Line 4, Column (g).

[10] Akpom Exhibit I, Schedule 3(a), Line 33, Column (g).

[11] Akpom Exhibit I, Schedule 3(a), Line 4 - Line 28 - Line 29 - Line 30 - Line 31, Column (g).

[12] Akpom Exhibit I, Schedule 3(a), Line 33 - Line 28 - Line 29 - Line 30 - Line 31, Column (g).

**CLARKE UTILITIES, INC.**  
Docket No. W-1205, Sub 14  
**CALCULATION OF OPERATING RATIOS**  
For the Test Year Ended December 31, 2019

Akpom Exhibit I  
Schedule 4(b)

**Sewer Operations**

Line No.	<u>Item</u>	Present Rates (a)	Company Proposed Rates (b)
	<u>Interest expense, regulatory fee, gross receipts, and income taxes included:</u>		
1.	Gross operating revenues	\$158,884 [1]	\$199,151 [5]
2.	Operating expenses	<u>184,028 [2]</u>	<u>187,543 [6]</u>
3.	Operating ratios (L2 / L1)	<u>115.83%</u>	<u>94.17%</u>
	<u>Interest expense, regulatory fee, gross receipts, and income taxes excluded:</u>		
4.	Gross operating revenues	\$158,677 [3]	\$195,429 [7]
5.	Operating expenses	<u>183,821 [4]</u>	<u>183,821 [8]</u>
6.	Operating ratios (L5 / L4)	<u>115.85%</u>	<u>94.06%</u>

- [1] Akpom Exhibit I, Schedule 3(b), Line 4, Column (c).  
[2] Akpom Exhibit I, Schedule 3(b), Line 33, Column (c).  
[3] Akpom Exhibit I, Schedule 3(b), Line 4 - Line 28 - Line 29 - Line 30 - Line 31, Column (c).  
[4] Akpom Exhibit I, Schedule 3(b), Line 33 - Line 28 - Line 29 - Line 30 - Line 31, Column (c).  
[5] Akpom Exhibit I, Schedule 3(b), Line 4, Column (e).  
[6] Akpom Exhibit I, Schedule 3(b), Line 33, Column (e).  
[7] Akpom Exhibit I, Schedule 3(b), Line 4 - Line 28 - Line 29 - Line 30 - Line 31, Column (e).  
[8] Akpom Exhibit I, Schedule 3(b), Line 33 - Line 28 - Line 29 - Line 30 - Line 31, Column (e).