

Exhibit No.:

Issue(s):

Corporate Allocation Factor/
Employee Wages/
Auditing and Income Tax Preparation Fees/
Property Taxes/
Self-Dealing/
Capital Structure/
Return on Equity/
Cost of Debt/
Accounting of Account 301 – Organization Costs/
OPC Accounting Schedules

Witness/Type of Exhibit:

Sponsoring Party:

Case No.:

Roth/Direct

Public Counsel

SR-2016-0202

SUPPLEMENTAL DIRECT TESTIMONY

OF

KERI ROTH

Submitted on Behalf of the Office of the Public Counsel

**RACCOON CREEK UTILITY
OPERATING COMPANY INC.**

CASE NO. SR-2016-0202

Denotes Highly Confidential Information that has been redacted

September 30, 2016

NP

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Application)	
of a Rate Increase for Raccoon Creek)	Case No. SR-2016-0202
Utility Operating Company Inc.)	

AFFIDAVIT OF KERI ROTH

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

Keri Roth, of lawful age and being first duly sworn, deposes and states:

1. My name is Keri Roth. I am a Public Utility Accountant III for the Office of the Public Counsel.
2. Attached hereto and made a part hereof for all purposes is my supplemental direct testimony.
3. I hereby swear and affirm that my statements contained in the attached testimony are true and correct to the best of my knowledge and belief.




Keri Roth
Public Utility Accountant III

Subscribed and sworn to me this 3rd day of October 2016.



JERENE A. BUCKMAN
My Commission Expires
August 23, 2017
Cole County
Commission #13754037



Jerene A. Buckman
Notary Public

My Commission expires August, 2017.

TABLE OF CONTENTS

Testimony	Page
Introduction	1
Corporate Allocation Factor	3
Employee Wages	4
Auditing and Income Tax Preparation Fees	9
Property Taxes	10
Self-Dealing	11
Capital Structure	12
Return on Equity	12
Cost of Debt	13
Accounting of Account 301 – Organization Costs	14
OPC Accounting Schedules	14

DIRECT TESTIMONY
OF
KERI ROTH
RACCOON CREEK UTILITY OPERATING COMPANY, INC.
CASE NO. WR-2016-0202

I. INTRODUCTION

Q. Please state your name and business address.

A. Keri Roth, P.O. Box 2230, Jefferson City, Missouri 65102-2230.

Q. By whom are you employed and in what capacity?

A. I am employed by the Missouri Office of the Public Counsel ("OPC") as a Public Utility Accountant.

Q. On whose behalf are you testifying?

A. I am testifying on behalf of the OPC.

Q. What is the nature of your duties at the OPC?

A. My duties include performing audits and examinations of the books and records of public utilities operating within the state of Missouri.

Q. Please describe your educational background.

A. I graduated in May 2011 from Lincoln University in Jefferson City with a BS in Accounting.

Q. Have you received specialized training related to public utility accounting?

A. Yes. In addition to being employed by the OPC since September 2012, I have also attended the NARUC Utility Rate School held by Michigan State University.

Q. Have you previously filed testimony before the Missouri Public Service Commission (“Commission” or “PSC”)?

A. Yes. Please refer to Schedule KNR-1, attached to this testimony, for a listing of cases in which I have submitted testimony.

Q. Please list the witnesses who will be filing direct testimony on behalf of OPC in this case and the issues they will be addressing in direct testimony?

A. The following individuals will be sponsoring OPC’s positions regarding Raccoon Creek Utility Operating Company’s (“Raccoon Creek” or “Company”):

- Keri Roth – Corporate allocation factor, employee wages, auditing and income tax preparation fees, property taxes, self-dealing, capital structure, return on equity (“ROE”), cost of debt, accounting of account 301; and
- James Russo – Rate design and bad debt collection

Q. Please provide an overview of Raccoon Creek and the services they provide.

A. Raccoon Creek’s parent company Central States Water Resources, Inc. (“CSWR”) formed on January 27, 2014 and is the managing company of First Round CSWR, LLC (“First Round”) employing three individuals who allocate a portion of their time to Raccoon Creek and two other subsidiaries: Hillcrest Utility Operating Company, Inc. (“Hillcrest”) and Indian Hills Utility Operating Company, Inc. (“Indian Hills”).

Raccoon Creek has three sewer systems: W.P.C. Sewer Company (“WPC”), West 16th Street Sewer Company (“West 16th”) that are both located in Sedalia as well as Village Water and Sewer Company, Inc. (“Villages”) located in Knob Noster. In total, Raccoon Creek serves approximately 521 sewer customers.

As a frame of reference, Hillcrest has one water system and one sewer system located in and around Cape Girardeau. The water system serves 242 water customers and the sewer

1 system serves 240 sewer customers. Most of these customers overlap save for two that do
2 not use the sewer system.

3 Further, Indian Hills has one water system located near Cuba. The water system serves
4 approximately 725 water customers in and around the Indian Hills subdivision.

5
6 **II. Corporate Allocation Factor**

7 **Q. What is a corporate allocation factor?**

8 A. A corporate allocation factor is a percentage that is used to allocate costs from First Round
9 to Raccoon Creek since all costs are not directly billed to Raccoon Creek.

10 **Q. What corporate allocation factor is the Company using to allocate costs from First**
11 **Round to Raccoon Creek?**

12 A. The Company is using an allocation factor of 14%. This appears to be the same allocation
13 factor used in the Hillcrest rate case numbered WR-2016-0064 recently contested before the
14 Commission and currently being appealed by this office.

15 **Q. What corporate allocation factor is Staff using to allocate costs from First Round to**
16 **Raccoon Creek?**

17 A. Staff is using an allocation factor of 17.01%. Staff has calculated this percentage based on
18 customer numbers and capital investments from utility systems already acquired by First
19 Round and utility systems that have not yet been acquired.

20 **Q. What is your issue with the Company's approach?**

21 A. It is unreasonable for the Company to use the same allocation factor as used in the Hillcrest
22 rate case because time spent on the utility is not the same.

Q. What is the issue with Staff's approach?

A. The list of companies that Staff is using to calculate its allocation factor does not take into account all companies First Round plans to acquire in the near future. OPC believes, if Staff were to update its list of companies, their corporate allocation factor would calculate closer to what OPC and the Company have recommended. Schedule KNR-2, marked Highly Confidential, shows an updated list of future acquisitions with customer numbers. If Staff were to calculate their corporate allocation based on customer numbers alone, Staff's allocation factor would be approximately 13.74%. OPC is waiting for additional data from the Company to determine the allocation factor using customer numbers as well as capital investments to determine how Staff's allocation factor could possibly change.

Q. What corporate allocation factor is OPC recommending in this case?

A. OPC recommends an allocation factor of 13.46%. As shown on Schedule KNR-3, marked Highly Confidential, this allocation factor was calculated by determining the actual percentage of hours spent working on Raccoon Creek by each employee and averaging the percentages.

III. Employee Wages

Q. What are the job duties of each employee at First Round?

A. As described in the Company response to Staff Data Request 2:

Mr. Josiah Cox – Lead and direct overall company strategy and direction, directly responsible for utility acquisitions, direct contact for regulatory compliance (PSC, OPC, MDNR, Attorney General), responsible for construction management, responsible for engineering management, responsible for third party contractor

acquisition/contract negotiation/management, and director of all financing activities including debt and equity raises.

Mr. Jack Chalfant – Assists in directing overall company strategy, establish and maintain a companywide financial accounting system, establish and maintain utility NARUC accounting system, establish and maintain a NARUC to GAAP financial reporting system, directly responsible for utility audits, directly responsible for annual accounting audits, interface directly with utility financial regulators to help CSWR manage customer rate increases, create long term cost accounting systems, help to open a new state utility markets by researching their individual financial requirements, and help create and maintain a long term companywide financial operations program both at the utility and corporate level.

Ms. Brenda Eaves – Establish and direct overall company office operations, designing and implementing office policies by establishing standards and procedures; measuring results against standards; making necessary adjustments, maintain on-going AP/AR records, interface with customer service contractors, direct final customer late pay programs, maintain customer service disconnect/reconnect functions with O&M Contractors, maintain overall office efficiency by planning and implementing office systems and equipment procurement.

Q. What yearly salaries are paid to First Round's employees?

A. The yearly salaries are shown in the chart below:

Employee	Title	Salary Amount	
Josiah Cox	President	**	**
Jack Chalfant	Chief Financial Officer	**	**
Brenda Eaves	Office Manager	**	**
Source: Staff Data Request 1			

Q. Has Mr. Chalfant ever indicated that he does not perform certain job duties listed in his job description?

1 A. Yes. During Mr. Chalfant's deposition on May 5, 2016 for the Hillcrest rate case, Mr.
2 Chalfant indicated that he does not assist in directing overall company strategy, has not
3 helped to open new state utility markets by researching their individual financial
4 requirements, and does not perform any services at the corporate level.

5 **Q. Would an employee with the job title of Chief Financial Officer typically be expected**
6 **to perform services at a corporate level?**

7 A. Yes. Based on the evidence presented by the Company, nothing Mr. Chalfant does remotely
8 justifies this title or the wages being recommended by the Company or Staff.

9 **Q. Do small water and sewer companies operating in Missouri have employees with the**
10 **title of President?**

11 A. No. The top manager of small water and sewer companies in Missouri are usually classified
12 as general managers and, with that, come a different level of compensation.

13 **Q. The Commission Report and Order in the Hillcrest rate case states, "Since Hillcrest is**
14 **part of a group of commonly-owned regulated utilities and has plans to acquire**
15 **additional utilities, it is appropriate to assign employee titles similar to larger utilities**
16 **rather than single utility companies." According to statute 4 CSR 240-3.050, is**
17 **Raccoon Creek considered a small utility?**

18 A. Yes. 4 CSR 240.3050 – Small Utility Rate Case Procedure states:

19 (1) Notwithstanding the provisions of any other commission rule
20 to the contrary, a gas utility serving ten thousand (10,000) or fewer
21 customers, a water or sewer utility serving (8,000) or fewer
22 customers, or a steam heat utility servings fewer than one hundred
23 (100 customers) shall be considered a small utility under this rule.
24

25 Emphasis added by OPC.

1 Raccoon Creek only has approximately 521 customers. When you combine the customer
2 count from Hillcrest and Indian Hills with Raccoon Creek, the total customer count is
3 approximately only 1,700 customers. Comparing these numbers to the statute cited above,
4 rate payers should not be responsible for reimbursing salary expenses for Mr. Cox and Mr.
5 Chalfant using job titles of a larger utility company as stated by the Commission. Raccoon
6 Creek, or even combining the customer counts from all utilities owned by First Round, are
7 considered small water and sewer companies under statute 4 CSR 240-3.050.

8 As a further point, this case is proceeding under the rules for a small system.

9 **Q. Does First Round have plans to acquire additional utility companies in the near**
10 **future?**

11 A. Yes. **

12 ** If the acquisitions are approved for these companies, it
13 appears that total customers will still be well under 8,000 customers at only approximately
14 3,760 customers.

15 **Q. What percentage of First Round employee salaries is the Company allocating to**
16 **Raccoon Creek?**

17 A. OPC understands the Company is allocating 14% of employee salaries to Raccoon Creek.

18 **Q. Does OPC understand how this allocation factor was calculated?**

19 A. No. It appears the same allocation factor that was approved by the Commission during the
20 Hillcrest rate case is being sought by the Company here in this case. OPC does not believe a
21 14% allocation is accurate based on timesheets. It should also, again, be noted OPC has
22 filed an appeal of that Hillcrest Report and Order.

23 **Q. How has Staff determined employee wage amounts?**

1 A. Staff has used 2015 Missouri Economic Research and Information Center (“MERIC”) mean
2 payroll rates in the St. Louis Region for each employee. Staff has used actual employee
3 titles to compare salary wages.

4 **Q. Is Staff’s approach reasonable in determining salary amounts rate payers should be**
5 **responsible for paying?**

6 A. No. As mentioned before, in small water and sewer companies, the top manager is usually
7 classified as a “general and operations manager” and Mr. Chalfant has stated that he does
8 not perform services at a corporate level. During Mr. Chalfant’s deposition during the
9 Hillcrest rate case, he also stated that he is not responsible for negotiating finance terms or
10 loan agreements on behalf of the regulated utilities. Based on this information, Mr. Chalfant
11 should be classified as an “accountant” or “auditor”. Staff’s approach of comparing large
12 utility company employee titles is also unreasonable because the customer size only meets
13 the Small Utility Rate Case Procedure rule as discussed previously.

14 **Q. How much of employee salaries has Staff allocated to Raccoon Creek?**

15 A. Staff has included 17.01% of employee salaries in its cost of service calculation.

16 **Q. Does OPC agree with Staff’s approach?**

17 A. No. As shown in Schedule KNR-3, marked Highly Confidential, OPC is recommending a
18 portion of employee salaries be included in Raccoon Creek’s cost of service based on actual
19 hours spent on Raccoon Creek as shown on the timesheets provided by the Company.

20 **Q. What is OPC’s recommendation regarding payroll?**

21 A. OPC recommends including mean salary amounts from the St. Louis Region using 2015
22 MERIC data. OPC further recommends using employee titles to compare salaries as
23 follows: “General and Operations Manager” for Mr. Cox, “Accountants” or “Auditors” for
24 Mr. Chalfant, and “Office Manager” for Ms. Eaves. Additionally, OPC recommends

including actual hours from employee timesheets multiplied by the hourly rate based on MERIC data to calculate the total amount of payroll to include in Raccoon Creeks cost of service. The payroll amounts OPC recommends including in the Company's cost of service are as follows for each employee:

Josiah Cox	\$9,109.22
Jack Chalfant	\$11,751.53
Brenda Eaves	\$7,919.72
Total	\$28,780.46

IV. Auditing and Income Tax Preparation Fees

Q. What annual dollar amount is the Company including for auditing and income tax preparation fees?

A. The Company is including \$12,435 for auditing and income tax preparation fees for Raccoon Creek as shown in response to Staff Data Request 6. This includes an estimate of \$12,000 directly related to Raccoon Creek and \$435 allocated from First Round. However, on September 15 of 2016, the Company provided invoices dated September 15, 2016 for auditing and income tax preparation fees for the period ended December 31, 2015. The invoices show \$12,500 directly related to Raccoon Creek and \$12,500 directly related to First Round.

Q. Have these invoices been paid?

A. At the time this testimony is written and based on the dates listed on the invoices being the same date the invoices were received by OPC, these invoices have not been paid.

Q. What annual dollar amount is Staff including for auditing and income tax preparation fees?

1 A. Staff is including \$57 for Raccoon Creek's accounting fees. This amount is 17.01% of \$338
2 included in the general ledger during the test year and update period for this case.

3 **Q. What annual dollar amount is OPC including for auditing and income tax preparation**
4 **fees?**

5 A. OPC is including \$45 for Raccoon Creek's accounting fees. This amount is 13.46% of \$338
6 included in the general ledger during the test year and update period for this case.

7 **Q. Why is OPC not including the invoices received by Raccoon Creek on September 15,**
8 **2016?**

9 A. To include invoices outside of the test year and update period in this case would violate the
10 matching principle, which requires all elements of the revenue requirement to be included in
11 the Company's cost of service at the same general point in time. The test year period in this
12 case is twelve months ending December 31, 2015 with the update period at March 31, 2016.
13 The auditing and income tax preparation invoices were not received until September 15,
14 2016, or six months after the update period. OPC will review auditing and income tax
15 preparation expenses again in the Company's next general rate case.

16
17 **V. Property Taxes**

18 **Q. What annual dollar amount is the Company including for property tax expense?**

19 A. The Company has included \$4,531 for annual property tax expense as shown in response to
20 Staff Data Request 6. This amount includes an estimate \$4,517 directly related to Raccoon
21 Creek and \$14 allocated from First Round.

22 **Q. What annual dollar amount is Staff including for property tax expense?**

1 A. Staff is including \$870. This amount is the total property tax expensed for 2015 directly
2 related to the sewer systems at Raccoon Creek.

3 **Q. What annual dollar amount is OPC including for property tax expense?**

4 A. OPC is including \$876. This amount includes \$871 of total property tax expensed for 2015
5 directly related to the sewer systems at Raccoon Creek and \$5 allocated from First Round.

6 **Q. Does OPC believe the Company's recommendation is reasonable?**

7 A. No. The Company's recommendation is an estimate of what property tax expense will be
8 for 2016. This is not known and measurable, a requirement for inclusion of these costs.
9 Property taxes accrue monthly on the Company's books. Around November, Raccoon
10 Creek will receive a property tax bill due to be paid by December 31, 2016. It is
11 unreasonable for the Company to receive reimbursement of expenses in advance for
12 property tax expense in which the Company has not provided any receipts showing property
13 tax paid for 2016 nor has the Company provided documentation stating specifically what the
14 tax amount for 2016 will be for Raccoon Creek. Also, including invoices outside of the test
15 year and update period would violate the matching principle. More than likely, these
16 invoices will not be paid until December 2016, or approximately nine months after the
17 update period. OPC will review property tax expense again during the Company's next
18 general rate case.

19
20 **VI. Self-Dealing**

21 **Q. What is the cost of debt rate the Company is recommending for Raccoon Creek?**

22 A. As mentioned previously, the Company is recommending a cost of debt rate at 14%, which
23 is the rate included in its financing agreement with Fresh Start Venture, LLC ("Fresh Start").

Q. Why isn't OPC recommending that this rate be used for Raccoon Creek?

A. OPC does not believe this rate was negotiated at arm's-length. OPC believes that the original investors in First Round, as shown on Schedule KNR-4, are the same original members of Fresh Start, as shown on Schedule KNR-5. Robert B. Glarner, Jr. and P. David Glarner ("the Glarners") bought out the original members of Fresh Start in February 2014 and remain the current owners. The Glarners also have 49% membership interest in CSWR and 87% membership interest in First Round. Therefore, the 14% financing agreement was not reasonably negotiated since the debt investors and the owners of the majority of the equity are one in the same.

VII. Capital Structure

Q. What capital structure is the Company including for Raccoon Creek?

A. The Company is using an actual capital structure of 10.67% equity and 89.33% debt per the Company response to Staff Data Request 6.

Q. What capital structure is Staff including for Raccoon Creek?

A. Staff is recommending a hypothetical capital structure of 25% equity and 75% debt.

Q. Does OPC support Staff's position to use a hypothetical capital structure?

A. Yes. Staff typically uses a hypothetical capital structure when a small water or sewer utility has debt capital exceeding 75%.

VIII. Return on Equity

Q. What return on equity (“ROE”) is the Company recommending for Raccoon Creek?

A. The Company is recommending an ROE of 13%.

Q. What ROE is Staff recommending for Raccoon Creek?

A. Staff is recommending an ROE of 12.15%. According to Staff’s workpaper, this is based on the most recent three months of bond yield data: May 2016, June 2016, and July 2016. In addition, Staff has added a 4% risk premium.

Q. Does OPC support Staff’s recommendation?

A. Yes. As discussed previously, OPC does not believe the agreements negotiated between Fresh Start and Raccoon Creek were negotiated at arm’s length. Therefore, OPC believes Staff’s calculation using the most recent three months of bond yield data is a reasonable calculation of a ROE to assign to the Company.

IX. Cost of Debt

Q. What cost of debt rate is the Company recommending for Raccoon Creek?

A. The Company is recommending a cost of debt at 14% per the Company response to Staff Data Request 6.

Q. What cost of debt rate is Staff recommending for Raccoon Creek?

A. Staff is recommending a cost of debt at 8.15%. This is calculated using the most recent three months of bond yield data: May 2016, June 2016, and July 2016.

Q. Does OPC support Staff’s recommendation?

1 A. Yes. As discussed previously, OPC does not believe the agreements negotiated between
2 Fresh Start and Raccoon Creek were negotiated at arm's length. Therefore, OPC believes
3 Staff's calculation using the most recent three months of bond yield data is a reasonable
4 calculation of a cost of debt rate to assign to the Company.

5
6 **X. Accounting of Account 301 – Organization Costs**

7 **Q. What are organization costs?**

8 A. The Uniform System of Accounts ("USOA") states:

9 This account shall include all fees paid to federal or state
10 governments for the privilege of incorporation and expenditures
11 incident to organizing the corporation, partnership, or other
12 enterprise and putting it into readiness to do business.
13

14 **Q. Has Staff included all of the Company's organization costs in Account 301?**

15 A. No. There are several invoices listed on Schedule KNR-6 related to organization costs that
16 Staff has allocated to several other accounts that are not related to organizational costs.
17 These invoices consist of legal fees accrued prior to the closing of the assets and some
18 related to the acquisition of Woodland Estates, which is now part of WPC.

19 **Q. How does OPC believe these invoices should be treated?**

20 A. OPC believes the invoices listed on Schedule KNR-6 should be included in Account 301
21 and amortized over a 10 year period as they are organization costs related to the closings of
22 WPC, West 16th, and Villages.

23
24 **XI. OPC Accounting Schedules**

1 **Q. Are you sponsoring any other schedules for OPC?**

2 A. Yes. I am sponsoring the cost of service accounting schedules attached to this testimony as
3 Schedule KNR-7.

4 **Q. Does this conclude your direct testimony?**

5 A. Yes.

**CASE PARTICIPATION
OF
KERI ROTH**

<u>Company Name</u>	<u>Case No.</u>
Empire District Electric Company	ER-2012-0345
Emerald Pointe Utility Company	SR-2013-0016
Lake Region Water & Sewer Company	WR-2013-0461
Summit Natural Gas of Missouri, Inc.	GR-2014-0086
Hickory Hills Water & Sewer Company, Inc.	WR-2014-0167/SR-2014-0166
Empire District Electric Company	ER-2014-0351
Laclede Gas Company	GO-2015-0178
Missouri Gas Energy	GO-2015-0179
Missouri American Water Company	WR-2015-0301
Empire District Electric Company	ER-2016-0023
Hillcrest Utility Operating Company, Inc.	WR-2016-0064

SR-2016-0202

Schedule KNR-2

has been deemed

“Highly Confidential”

in its entirety

SR-2016-0202

Schedule KNR-3

has been deemed

“Highly Confidential”

in its entirety

LIST OF MEMBERS

FRESH START VENTURE, LLC

Managing Member: NEM-FIN Corp., a Nevada corporation (Non-Economic Member)

MEMBER NAME	AUTHORIZED INDIVIDUALS	PREVIOUS ASSOCIATION WITH THOMAS J. MANZ AND WALTER R. KERSEY, III ("ROSS KERSEY")
Zimmerman 2003 Revocable Trust	John Zimmerman - Trustee	Yes - Thomas J. Manz Real Estate and Businesses
MTI Business Schools of Sacramento, Inc.	John Zimmerman - President	Yes - Thomas J. Manz Real Estate and Businesses
Barnum Family Living Trust	Fred Troy Barnum & Lisa Laura Barnum - Trustees	Yes - Thomas J. Manz Real Estate and Businesses
Holt of California	Kenneth Monroe - President	Yes - Thomas J. Manz Real Estate and Businesses
Keith W. Springer Revocable Trust Dated July 26, 2002	Keith W. Springer - Trustee	Yes - Thomas J. Manz Real Estate and Businesses
CATA Pension Plan	Adiel Gorel, Trustee	Yes - Thomas J. Manz & Ross Kersey Real Estate and Businesses
David M. Delehant 2004 Revocable Trust	David M. Delehant - Trustee	Yes - Thomas J. Manz Real Estate and Businesses
5040 Partners	Mark Leggio - General Partner	Yes - Thomas J. Manz Real Estate and Businesses
Richard and Barbara Wise Revocable Trust Dated July 28, 1992	Richard Wise & Barbara Wise - Trustees	Yes - Thomas J. Manz Real Estate and Businesses
Robert A. Rosenberg & Shirley E. Rosenberg	Robert A. Rosenberg (Shirley E. Rosenberg-Spousal Consent)	Yes - Thomas J. Manz & Ross Kersey Real Estate and Businesses

First Round CSWR LLC
General Ledger
As of September 30, 2015

[illegible]

Schedule KNR-5
2/2

K:\CD Burn\Water & Sewer Cases\2016 Cases\SR 2016 0202 Raccoon Creek Case to PSC subm 3-2-16\FCSWR\FRCSWR Staff to Company\Responses\RacCreek Rate Case to PSC subm 3-2-16\FCSWR\FRCSWR SR YTD 2015 FR CSWR Q4 Sep-2015

Account 301 – Organization Costs – Invoices

Villages:

Invoice Date	Invoice Number	Vendor	Amount
n/a	n/a	Greensfelder	\$7,707
7/14/2014	176319	Brydon, Swearngen & England P.C.	\$595
8/7/2014	177015	Brydon, Swearngen & England P.C.	\$134
8/7/2014	177016	Brydon, Swearngen & England P.C.	\$21
9/4/2014	177870	Brydon, Swearngen & England P.C.	\$41
11/7/2014	179876	Brydon, Swearngen & England P.C.	\$887
12/3/2014	180630	Brydon, Swearngen & England P.C.	\$827
12/8/2014	1	Beckemeier Law	\$1,582
2015	2-009	Beckemeier Law	\$25
1/8/2015	181593	Brydon, Swearngen & England P.C.	\$14
1/10/2015	2	Beckemeier Law	\$4,990
3/11/2015	3	Beckemeier Law	\$2,070
3/13/2015	4	Beckemeier Law	\$4,596
6/24/2015	2665515	Husch Blackwell	\$8,750
TOTAL			\$32,239

WPC:

Invoice Date	Invoice Number	Vendor	Amount
n/a	n/a	Greensfelder	\$7,707
6/4/2014	175060	Brydon, Swearngen & England P.C.	\$153
8/7/2014	177015	Brydon, Swearngen & England P.C.	\$44
9/4/2014	177870	Brydon, Swearngen & England P.C.	\$14
11/7/2014	179876	Brydon, Swearngen & England P.C.	\$291
12/3/2014	180630	Brydon, Swearngen & England P.C.	\$272
12/8/2014	1	Beckemeier Law	\$1,582
1/8/2015	181593	Brydon, Swearngen & England P.C.	\$14
1/10/2015	2	Beckemeier Law	\$4,990
3/11/2015	3	Beckemeier Law	\$2,070
3/13/2015	4	Beckemeier Law	\$4,596
6/24/2015	2665515	Husch Blackwell	\$8,750
TOTAL			\$30,483

Schedule KNR-6

West 16th:

Invoice Date	Invoice Number	Vendor	Amount
n/a	n/a	Greensfelder	\$7,707
6/4/2014	175060	Brydon, Swarengen & England P.C.	\$153
8/7/2014	177015	Brydon, Swarengen & England P.C.	\$88
9/4/2014	177870	Brydon, Swarengen & England P.C.	\$27
11/7/2014	179876	Brydon, Swarengen & England P.C.	\$585
12/3/2014	180630	Brydon, Swarengen & England P.C.	\$546
12/8/2014	1	Beckemeier Law	\$1,582
1/8/2015	181593	Brydon, Swarengen & England P.C.	\$14
1/10/2015	2	Beckemeier Law	\$4,990
3/11/2015	3	Beckemeier Law	\$2,070
3/13/2015	4	Beckemeier Law	\$4,596
6/24/2015	2665515	Husch Blackwell	\$8,750
TOTAL			\$31,108

Villages Operations

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Design Schedule - Sewer

Line Number	Description	OPC Annualized
Rev-1	ANNUALIZED REVENUES	
Rev-2	Annualized Rate Revenues	\$73,821
Rev-3	Miscellaneous Revenues	\$0
Rev-4	TOTAL ANNUALIZED REVENUES	<u>\$73,821</u>
1	OPERATIONS EXPENSES	
2	Treatment Labor & Expense	\$29,750
3	Fuel & Power for Pumping	\$3,250
4	Miscellaneous Expense	\$0
5	TOTAL OPERATIONS EXPENSE	<u>\$33,000</u>
6	MAINTENANCE EXPENSES	
7	Maintenance of Services to Customers	\$96
8	Repairs & Maintenance	\$1,710
9	TOTAL MAINTENANCE EXPENSE	<u>\$1,806</u>
10	CUSTOMER ACCOUNT EXPENSE	
11	Customer Billing	\$8,028
12	Postage	\$449
13	Postage - CSWR 13.46%	\$191
14	Bank Fees	\$2,545
15	Uncollectible Accounts	\$798
16	Advertising Expense	\$38
17	TOTAL CUSTOMER ACCOUNT EXPENSE	<u>\$12,048</u>
18	ADMINISTRATIVE & GENERAL EXPENSES	
19	Administration & General Salary	\$12,995
20	Travel Expense	\$1,039
21	Telephone Expense - CSWR 13.46%	\$325
22	Office Supplies - CSWR 13.46%	\$458
23	Office Supplies	\$20
24	Outside Services (Legal Fees) - CSWR 13.46%	\$118
25	Outside Services (Legal Fees)	\$3,448
26	Outside Services (Accounting) - CSWR 13.46%	\$23
27	Outside Services (Mgmt Consult) - CSWR 13.46%	\$832
28	Outside Services (Payroll Fees) - CSWR 13.46%	\$95
29	Outside Services (IT) - CSWR 13.46%	\$204
30	Insurance (Professional Liability)	\$7,759
31	Insurance (Worker's Comp) - CSWR 13.46%	\$106
32	Insurance (Commercial)	\$9,882
33	Employee Benefits (Keyman)	\$0
34	Employee Benefits (Healthcare) - CSWR 13.46%	\$3,769
35	Employee Benefits (401k)	\$434
36	Employee Benefits (Life/STD/LTD/ADD)	\$1,871
37	Rent Expense - CSWR 13.46%	\$5,919
38	TOTAL ADMINISTRATIVE & GENERAL	<u>\$49,298</u>
39	OTHER OPERATING EXPENSES	
40	Amortize Account 301 - 10 years	\$4,396
41	Amortize Account 303 - 20 years	\$3,940
42	Rate Case Expense	\$351
43	MO DNR Fees	\$1,000
44	PSC Assessment	\$623
45	Permits & Fees	\$6
46	Depreciation	\$30,188
47	CIAC Depreciation	(\$3,736)
48	TOTAL OTHER OPERATING EXPENSES	<u>\$36,769</u>
49	TAXES OTHER THAN INCOME	
50	SS & Medicare Taxes	\$1,107
51	SUTA & FUTA Taxes	\$571
52	Personal Property Taxes - CSWR 13.46%	\$186
53	TOTAL TAXES OTHER THAN INCOME	<u>\$1,863</u>
53	TOTAL OPERATING EXPENSES	\$134,784
54	Interest Expense	\$36,255
55	Return on Equity	\$18,018
56	Income Taxes	\$4,487
57	TOTAL INTEREST RETURN & TAXES	<u>\$58,760</u>
58	TOTAL COST OF SERVICE	\$193,544
59	Less: Miscellaneous Revenues	<u>\$0</u>
60	COST TO RECOVER IN RATES	<u>\$193,544</u>
61	INCREMENTAL INCREASE IN RATE REVENUES	<u><u>\$119,723</u></u>
62	PERCENTAGE OF INCREASE	162.18%
63	REQUESTED INCREASE IN REVENUES	\$277,488

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Base & Required Return on Investment Schedule - Sewer

Line Number	Rate Base Description	Dollar Amount	
1	Plant In Service	\$875,658	From Plant Schedule
2	Less Accumulated Depreciation	<u>\$164,961</u>	From Reserve Sch
3	Net Plant In Service	\$710,697	
4	Other Rate Base Items:		
	Prepayments	\$69	
	Contributions in Aid of Construction	(\$174,932)	
	CIAC Depreciation	\$57,252	
5	Total Rate Base	<u>\$593,086</u>	
6	Total Weighted Rate of Return Including Income Tax	<u>9.91%</u>	From PreTax Return Schedule
7	Required Return & Income Tax	<u><u>\$58,760</u></u>	

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate of Return Including Income Tax - Sewer

	A	B	Formulas		Net Income Range Start	End	Tax Rate	Amount in Range	Tax on Range
1 State Income Tax Rate	6.25%	5.81%	(1-(B2 x .5)) x A1		\$ -	\$ 50,000	15.00%	\$21,198	\$3,180
2 Federal Income Tax Rate	15.00%	14.13%	(1-B1) x A2		\$ 50,001	\$ 75,000	25.00%	\$0	\$0
3 Composite Effective Income Tax Rate		19.94%	B1 + B2		\$ 75,001	\$ 100,000	34.00%	\$0	\$0
4 Equity Tax Factor		1.2490	1 / (1-B3)		\$ 100,001	\$ 335,000	39.00%	\$0	\$0
5 Recommended Weighted Rate of Return on Equity - Common and Preferred		3.04%	From Cap. Struct.		\$ 335,001	\$ 9,999,999,999	34.00%	\$0	\$0
								\$21,198	\$3,180
6 Weighted Rate of Return on Equity Inc. Income Tax		3.79%	B4 x B5					Consolidated Tax Rate:	
7 Recommended Weighted Rate of Return on Debt - Long-Term and Short-Term		6.11%	From Cap. Struct.					Average Tax Rate:	0.15
8 Total Weighted Rate of Return Inc. Income Tax		9.91%	B6 + B7 To Rate Base Sch.						
9 If Sub-Chapter S Corporation, Enter Y:	N								
10 Equity Income Required & Preliminary Federal Tax		\$21,198							

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Capital Structure Schedule - Sewer

			Is Preferred Stock Tax Deductible?		
Line Number	Description	Dollar Amount	Percentage of Total Capital Structure	Embedded Cost of Capital	Weighted Cost of Capital
1	Common Stock	\$391,094	25.00%	12.15%	3.038%
2	Other Security - Non-Tax Deductible	\$0	0.00%	0.00%	0.000%
3	Preferred Stock	\$0	0.00%	0.00%	0.000%
4	Long-Term Debt	\$1,173,282	75.00%	8.15%	6.113%
5	Short-Term Debt	\$0	0.00%	0.00%	0.000%
6	Other Security - Tax Deductible	\$0	0.00%	0.00%	0.000%
7	TOTAL CAPITALIZATION	<u>\$1,564,376</u>	<u>100.00%</u>		<u>9.151%</u>

To PreTax Return Rate Schedule

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Plant In Service - Sewer

Line Number	Account #	Plant Account Description	Total Plant	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$43,962		\$0	100.00%	\$43,962
3	302.000	Franchises	\$0		\$0	100.00%	\$0
4	303.000	Miscellaneous Intangible Plant	\$78,806		\$0	100.00%	\$78,806
5		TOTAL INTANGIBLE PLANT	\$122,768		\$0		\$122,768
6		SOURCE OF SUPPLY PLANT					
7	310.000	Land & Land Rights - SSP	\$3,800		\$0	100.00%	\$3,800
8	311.000	Structures & Improvements - SSP	\$0		\$0	100.00%	\$0
9		TOTAL SOURCE OF SUPPLY PLANT	\$3,800		\$0		\$3,800
10		COLLECTION PLANT					
11	352.100	Collection Sewers - Force	\$10,328		\$0	100.00%	\$10,328
12	352.200	Collection Sewers - Gravity	\$172,163		\$0	100.00%	\$172,163
13	353.000	Other Collection Plant Facilities	\$0		\$0	100.00%	\$0
14	354.000	Services to Customers	\$24,608		\$0	100.00%	\$24,608
15	355.000	Flow Measuring Devices	\$0		\$0	100.00%	\$0
16		TOTAL COLLECTION PLANT	\$207,099		\$0		\$207,099
17		PUMPING PLANT					
18	362.000	Receiving Wells and Pump Pits	\$0	P-1	\$14,150	100.00%	\$14,150
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0	P-2	\$6,064	100.00%	\$6,064
20		TOTAL PUMPING PLANT	\$0		\$20,214		\$20,214
21		TREATMENT & DISPOSAL PLANT					
22	371.000	Structures & Improvements	\$0	P-3	\$15,990	100.00%	\$15,990
23	372.000	Oxidation Lagoon	\$119,557		\$0	100.00%	\$119,557
24	373.000	Treatment & Disposal Equipment	\$0	P-4	\$379,660	100.00%	\$379,660
25	374.000	Plant Sewers	\$0		\$0	100.00%	\$0
26	375.000	Outfall Sewer Lines	\$0		\$0	100.00%	\$0
27	376.000	Other Treatment & Disposal Plant Equip.	\$0		\$0	100.00%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$119,557		\$395,650		\$515,207
29		GENERAL PLANT					
30	391.100	Office Furniture & Equipment (IT)	\$796	P-5	\$30	100.00%	\$826
31	391.200	Office Furniture & Equipment (Desks, Chairs, e	\$281	P-6	\$11	100.00%	\$292
32	391.700	Office Furniture & Equipment (Copier)	\$233	P-7	\$9	100.00%	\$242
33		Office Computer Equipment	\$0		\$0	100.00%	\$0
34	392.000	Transportation Equipment	\$0		\$0	100.00%	\$0
35	393.000	Other General Equipment	\$0		\$0	100.00%	\$0
36	397.000	Communication Equipment	\$0	P-8	\$5,210	100.00%	\$5,210
37		TOTAL GENERAL PLANT	\$1,310		\$5,260		\$6,570
38		TOTAL PLANT IN SERVICE	\$454,534		\$421,124		\$875,658

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Schedule of Adjustments for Plant in Service - Sewer

Plant Adjustment Number	Plant in Service Adjustment Description	Account Number	Adjustment Amount	Total Adjustment
P-1	Receiving Wells and Pump Pits	362.000		\$14,150
	Update plant through March 31, 2016		\$14,150	
			\$0	
P-2	Pumping Equipment (Elec., Diesel, other)	363.000		\$6,064
	Update plant through March 31, 2016		\$6,064	
			\$0	
P-3	Structures & Improvements	371.000		\$15,990
	Update plant through March 31, 2016		\$15,990	
			\$0	
P-4	Treatment & Disposal Equipment	373.000		\$379,660
	Update plant through March 31, 2016		\$379,660	
			\$0	
P-5	Office Furniture & Equipment (IT)	391.100		\$30
	Update plant through March 31, 2016		\$30	
			\$0	
P-6	Office Furniture & Equipment (Desks, Chairs, etc.)	391.200		\$11
	Update plant through March 31, 2016		\$11	
			\$0	
P-7	Office Furniture & Equipment (Copier)	391.700		\$9
	Update plant through March 31, 2016		\$9	

\$0

P-8	Communication Equipment	397.000	\$5,210
-----	-------------------------	---------	---------

Update plant through March 31, 2016 \$5,210

\$0

TOTAL PLANT ADJUSTMENTS			<u>\$421,124</u>
-------------------------	--	--	------------------

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Depreciation Expense

Line Number	Account Number	Plant Description	Adjusted Jurisdictional	Depreciation Rate	Depreciation Expense
1		INTANGIBLE PLANT			
2	301.000	Organization	\$43,962	0.0000%	\$0
3	302.000	Franchises	\$0	0.0000%	\$0
4	303.000	Miscellaneous Intangible Plant	\$78,806	0.0000%	\$0
5		TOTAL INTANGIBLE PLANT	\$122,768		\$0
6		SOURCE OF SUPPLY PLANT			
7	310.000	Land & Land Rights - SSP	\$3,800	0.0000%	\$0
8	311.000	Structures & Improvements - SSP	\$0	0.0000%	\$0
9		TOTAL SOURCE OF SUPPLY PLANT	\$3,800		\$0
10		COLLECTION PLANT			
11	352.100	Collection Sewers - Force	\$10,328	2.0000%	\$207
12	352.200	Collection Sewers - Gravity	\$172,163	2.0000%	\$3,443
13	353.000	Other Collection Plant Facilities	\$0	0.0000%	\$0
14	354.000	Services to Customers	\$24,608	2.0000%	\$492
15	355.000	Flow Measuring Devices	\$0	0.0000%	\$0
16		TOTAL COLLECTION PLANT	\$207,099		\$4,142
17		PUMPING PLANT			
18	362.000	Receiving Wells and Pump Pits	\$14,150	4.0000%	\$566
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$6,064	10.0000%	\$606
20		TOTAL PUMPING PLANT	\$20,214		\$1,172
21		TREATMENT & DISPOSAL PLANT			
22	371.000	Structures & Improvements	\$15,990	3.7000%	\$592
23	372.000	Oxidation Lagoon	\$119,557	4.0000%	\$4,782
24	373.000	Treatment & Disposal Equipment	\$379,660	5.0000%	\$18,983
25	374.000	Plant Sewers	\$0	0.0000%	\$0
26	375.000	Outfall Sewer Lines	\$0	0.0000%	\$0
27	376.000	Other Treatment & Disposal Plant Equip.	\$0	0.0000%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$515,207		\$24,357
29		GENERAL PLANT			
30	391.100	Office Furniture & Equipment (IT)	\$826	14.3000%	\$118
31	391.200	Office Furniture & Equipment (Desks, Chairs, etc	\$292	5.0000%	\$15
32	391.700	Office Furniture & Equipment (Copier)	\$242	14.3000%	\$35
33	0.000	Office Computer Equipment	\$0	0.0000%	\$0
34	392.000	Transportation Equipment	\$0	0.0000%	\$0
35	393.000	Other General Equipment	\$0	0.0000%	\$0
36	397.000	Communication Equipment	\$5,210	6.7000%	\$349
37		TOTAL GENERAL PLANT	\$6,570		\$516
38		TOTAL PLANT DEPRECIATION EXPENSE	\$875,658		\$30,188

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Depreciation Reserve

Line Number	Account Number	Plant Description	Total Reserve	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$6,851		\$0	100.0000%	\$6,851
3	302.000	Franchises	\$0		\$0	100.0000%	\$0
4	303.000	Miscellaneous Intangible Plant	\$0		\$0	100.0000%	\$0
5		TOTAL INTANGIBLE PLANT	\$6,851		\$0		\$6,851
6		SOURCE OF SUPPLY PLANT					
7	310.000	Land & Land Rights - SSP	\$0		\$0	100.0000%	\$0
8	311.000	Structures & Improvements - SSP	\$0		\$0	100.0000%	\$0
9		TOTAL SOURCE OF SUPPLY PLANT	\$0		\$0		\$0
10		COLLECTION PLANT					
11	352.100	Collection Sewers - Force	\$1,962	R-1	\$52	100.0000%	\$2,014
12	352.200	Collection Sewers - Gravity	\$73,428	R-2	\$861	100.0000%	\$74,289
13	353.000	Other Collection Plant Facilities	\$0		\$0	100.0000%	\$0
14	354.000	Services to Customers	\$10,663	R-3	\$123	100.0000%	\$10,786
15	355.000	Flow Measuring Devices	\$0		\$0	100.0000%	\$0
16		TOTAL COLLECTION PLANT	\$86,053		\$1,036		\$87,089
17		PUMPING PLANT					
18	362.000	Receiving Wells and Pump Pits	\$0	R-4	\$88	100.0000%	\$88
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0	R-5	\$76	100.0000%	\$76
20		TOTAL PUMPING PLANT	\$0		\$164		\$164
21		TREATMENT & DISPOSAL PLANT					
22	371.000	Structures & Improvements	\$0	R-6	\$60	100.0000%	\$60
23	372.000	Oxidation Lagoon	\$67,300	R-7	\$1,196	100.0000%	\$68,496
24	373.000	Treatment & Disposal Equipment	\$2,136		\$0	100.0000%	\$2,136
25	374.000	Plant Sewers	\$0		\$0	100.0000%	\$0
26	375.000	Outfall Sewer Lines	\$0		\$0	100.0000%	\$0
27	376.000	Other Treatment & Disposal Plant Equip.	\$0		\$0	100.0000%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$69,436		\$1,256		\$70,692
29		GENERAL PLANT					
30	391.100	Office Furniture & Equipment (IT)	\$57	R-8	\$29	100.0000%	\$86
31	391.200	Office Furniture & Equipment (Desks, Chairs,	\$7	R-9	\$4	100.0000%	\$11
32	391.700	Office Furniture & Equipment (Copier)	\$17	R-10	\$8	100.0000%	\$25
33	0.000	Office Computer Equipment	\$0		\$0	100.0000%	\$0
34	392.000	Transportation Equipment	\$0		\$0	100.0000%	\$0
35	393.000	Other General Equipment	\$0		\$0	100.0000%	\$0
36	397.000	Communication Equipment	\$0	R-11	\$43	100.0000%	\$43
37		TOTAL GENERAL PLANT	\$81		\$84		\$165
38		TOTAL DEPRECIATION RESERVE	\$162,421		\$2,540		\$164,961

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Adjustments to Depreciation Reserve

Reserve Adjustment Number	Accumulated Depreciation Reserve Adjustments Description	Account Number	Adjustment Amount	Total Adjustment Amount
R-1	Collection Sewers - Force	352.100		\$52
	Update depreciation reserve through March 31, 2016		\$52	
			\$0	
R-2	Collection Sewers - Gravity	352.200		\$861
	Update depreciation reserve through March 31, 2016		\$861	
			\$0	
R-3	Services to Customers	354.000		\$123
	Update depreciation reserve through March 31, 2016		\$123	
			\$0	
R-4	Receiving Wells and Pump Pits	362.000		\$88
	Update depreciation reserve through March 31, 2016		\$88	
			\$0	
R-5	Pumping Equipment (Elec., Diesel, other)	363.000		\$76
	Update depreciation reserve through March 31, 2016		\$76	
			\$0	
R-6	Structures & Improvements	371.000		\$60
	Update depreciation reserve through March 31, 2016		\$60	
			\$0	
R-7	Oxidation Lagoon	372.000		\$1,196
	Update depreciation reserve through March 31, 2016		\$1,196	
			\$0	
R-8	Office Furniture & Equipment (IT)	391.100		\$29
	Update depreciation reserve through March 31, 2016		\$29	
			\$0	
R-9	Office Furniture & Equipment (Desks, Chairs, etc.)	391.200		\$4
	Update depreciation reserve through March 31, 2016		\$4	
			\$0	
R-10	Office Furniture & Equipment (Copier)	391.700		\$8
	Update depreciation reserve through March 31, 2016		\$8	
			\$0	
R-11	Communication Equipment	397.000		\$43
	Update depreciation reserve through March 31, 2016		\$43	
			\$0	
TOTAL RESERVE ADJUSTMENTS				\$2,540

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Revenue Schedule - Sewer

Line Number	Account Number	Revenue Description	Company/ Test Year Amount	Adjustment Number	Jurisdictional Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
ANNUALIZED REVENUES							
Rev-1		Annualized Rate Revenues	\$113,464		(\$39,643)	100.00%	\$73,821
Rev-2		Miscellaneous Revenues	\$0		\$0	100.00%	\$0
TOTAL ANNUALIZED REVENUES			\$113,464		(\$39,643)		\$73,821

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Revenue Adjustment Schedule - Sewer

Revenue Adjustment Number	Adjustment Description	Account Number	Adjustment Amount	Total Adjustment Amount
Rev-1	Annualized Rate Revenues			-\$39,643
	Adjust to WPC revenues only		-\$39,643	
	Description		\$0	
Rev-2	Miscellaneous Revenues			\$0
	Description			
	Description		\$0	
TOTAL REVENUES ADJUSTMENTS				-\$39,643

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Revenue Feeder Schedule - Sewer

Line Number	Description	Villages		Villages						Total	
		Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
1	<u>Customer Charge Revenues:</u>										
2	Customer Number	262		0		0		0		262	
3	Bills Per Year	12		12		12		12			
4	Customer Bills Per Year	3,144		0		0		0		3,144	
5	Current Customer Charge	<u>\$23.48</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>			
6	Annualized Customer Charge Revenues		\$73,821		\$0		\$0		\$0		\$73,821
7	<u>Commodity Charge Revenues:</u>										
8	Total Gallons Sold	0		0		0		0		0	
9	Less: Base Gallons Included in Customer Charge	<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		0	
10	Commodity Gallons	0		0		0		0		0	
11	Block 1, Commodity Gallons per Block	0		0		0		0			
12	Block 1, Number of Commodity Gallons per Unit	1,000		1,000		1,000		1,000			
13	Block 1, Commodity Billing Units	0		0		0		0			
14	Block 1, Existing Commodity Charge	<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>			
15	Block 1, Annualized Commodity Charge Rev.		\$0		\$0		\$0		\$0		\$0
16	TOTAL ANNUALIZED SEWER RATE REVENUES		<u>\$73,821</u>		<u>\$0</u>		<u>\$0</u>		<u>\$0</u>		<u>\$73,821</u>

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Miscellaneous Revenues Feeder - Sewer

Line Number	Description	Amount
1	Late Charge Fees	\$0
2	Other	\$0
3	TOTAL MISCELLANEOUS REVENUES	<u>\$0</u>

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Expense Schedule - Sewer

Line Number	Account Number	Expense Description	Company/ Test Year Amount	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		OPERATIONS EXPENSES					
2	742.000	Treatment Labor & Expense	\$21,690	E-1	\$8,060	100.00%	\$29,750
3	743.000	Fuel & Power for Pumping	\$20,312	E-2	(\$17,062)	100.00%	\$3,250
4	744.000	Miscellaneous Expense	\$0		\$0	100.00%	\$0
5		TOTAL OPERATIONS EXPENSE	\$42,002		(\$9,002)		\$33,000
6		MAINTENANCE EXPENSES					
7	713.000	Maintenance of Services to Customers	\$72	E-6	\$24	100.00%	\$96
8	752.000	Repairs & Maintenance	\$17,201	E-7	(\$15,491)	100.00%	\$1,710
9		TOTAL MAINTENANCE EXPENSE	\$17,273		(\$15,467)		\$1,806
10		CUSTOMER ACCOUNT EXPENSE					
11	903.100	Customer Billing	\$10,530	E-8	(\$2,502)	100.00%	\$8,028
12	903.200	Postage	\$168	E-3	\$281	100.00%	\$449
13	903.200	Postage - CSWR 13.46%	\$500	E-3.1	(\$309)	100.00%	\$191
14	903.280	Bank Fees	\$4,762	E-4	(\$2,217)	100.00%	\$2,545
15	904.000	Uncollectible Accounts	\$3,304	E-5	(\$2,506)	100.00%	\$798
16	907.000	Advertising Expense	\$442	E-9	(\$404)	100.00%	\$38
17		TOTAL CUSTOMER ACCOUNT EXPENSE	\$19,706		(\$7,254)		\$12,048
18		ADMINISTRATIVE & GENERAL EXPENSES					
19	920.000	Administration & General Salary	\$266,451	E-10	(\$253,456)	100.00%	\$12,995
20	921.110	Travel Expense	\$30,739	E-11	(\$29,700)	100.00%	\$1,039
21	921.500	Telephone Expense - CSWR 13.46%	\$4,917	E-12	(\$4,593)	100.00%	\$325
22	921.800	Office Supplies - CSWR 13.46%	\$5,237	E-13	(\$4,779)	100.00%	\$458
23	921.800	Office Supplies	\$263	E-13.1	(\$243)	100.00%	\$20
24	923.400	Outside Services (Legal Fees) - CSWR 13.46%	\$1,906	E-15	(\$1,788)	100.00%	\$118
25	923.400	Outside Services (Legal Fees)	\$11,153	E-16	(\$7,705)	100.00%	\$3,448
26	923.500	Outside Services (Accounting) - CSWR 13.46%	\$2,330	E-17	(\$2,307)	100.00%	\$23
27	923.600	Outside Services (Mgmt Consult) - CSWR 13.46%	\$26,906	E-18	(\$26,073)	100.00%	\$832
28	923.800	Outside Services (Payroll Fees) - CSWR 13.46%	\$1,340	E-19	(\$1,245)	100.00%	\$95
29	923.900	Outside Services (IT) - CSWR 13.46%	\$1,871	E-20	(\$1,667)	100.00%	\$204
30	924.200	Insurance (Professional Liability)	\$25,716	E-21	(\$17,957)	100.00%	\$7,759
31	924.300	Insurance (Worker's Comp) - CSWR 13.46%	\$1,567	E-22	(\$1,461)	100.00%	\$106
32	924.400	Insurance (Commercial)	\$32,753	E-23	(\$22,871)	100.00%	\$9,882
33	926.100	Employee Benefits (Keyman)	\$0		\$0	100.00%	\$0
34	926.200	Employee Benefits (Healthcare) - CSWR 13.46%	\$51,310	E-24	(\$47,541)	100.00%	\$3,769
35	926.300	Employee Benefits (401k)	\$37,142	E-25	(\$36,708)	100.00%	\$434
36	926.400	Employee Benefits (Life/STD/LTD/ADD)	\$5,150	E-26	(\$3,279)	100.00%	\$1,871
37	931.000	Rent Expense - CSWR 13.46%	\$81,240	E-27	(\$75,321)	100.00%	\$5,919
38		TOTAL ADMINISTRATIVE & GENERAL	\$587,990		(\$538,692)		\$49,298
39		OTHER OPERATING EXPENSES					
40	408.000	Amortize Account 301 - 10 years	\$0	E-28	\$4,396	100.00%	\$4,396
41	408.000	Amortize Account 303 - 20 years	\$0	E-29	\$3,940	100.00%	\$3,940
42	928.000	Rate Case Expense	\$0	E-30	\$351	100.00%	\$351
43	928.100	MO DNR Fees	\$1,000		\$0	100.00%	\$1,000
44	928.200	PSC Assessment	\$7,459	E-31	(\$6,836)	100.00%	\$623
45	928.400	Permits & Fees	\$1,871	E-32	(\$1,865)	100.00%	\$6
46		Depreciation	\$95	E-33	\$30,093	100.00%	\$30,188
47		CIAC Depreciation	(\$32)	E-34	(\$3,704)	100.00%	(\$3,736)
48		TOTAL OTHER OPERATING EXPENSES	\$10,393		\$26,376		\$36,769
49		TAXES OTHER THAN INCOME					
50	408.120	SS & Medicare Taxes	\$45,742	E-35	(\$44,635)	100.00%	\$1,107
51	408.140	SUTA & FUTA Taxes	\$997	E-36	(\$426)	100.00%	\$571
52	408.160	Personal Property Taxes - CSWR 13.46%	\$75	E-37	\$111	100.00%	\$186
53		TOTAL TAXES OTHER THAN INCOME	\$46,814		(\$44,950)		\$1,863
54		TOTAL OPERATING EXPENSES	\$724,178		(\$588,989)		\$134,784

Raccoon Creek Utility Operating Company, Inc.
System - Villages
Case Number 19-2310-0302
Test Year Ending 12/31/2015, Update 1/31/2016
Expense Adjustment Schedule - Owner

Expense Adjustment Number	Adjustment Description	Account Number	Adjustment Amount	Total Adjustment Amount
E-1	Treatment Labor & Expense	742.000		\$6,000
	Adjust treatment labor to reflect Villages only		\$6,000	
	Description		\$0	
E-2	Fuel & Power for Pumping	743.000		-\$17,382
	Adjust pumping expense to reflect Villages only		-\$17,382	
	Description		\$0	
E-3	Freight	903.200		\$381
	Adjust freight to reflect Villages only		\$381	
	Description		\$0	
E-3.1	Freight - CSWR 13.46%	903.200		-\$381
	Adjust freight to reflect Villages only		-\$381	
	Description		\$0	
E-4	Bank Fees	903.280		-\$2,217
	Adjust bank fees to reflect Villages only		-\$2,217	
	Description		\$0	
E-5	Uncollectible Accounts	904.000		-\$2,506
	Adjust uncollectibles to reflect Villages only		-\$2,506	
	Description		\$0	
E-6	Maintenance of Services to Customers	713.000		\$24
	Adjust maint of services to customers to reflect Villages only		\$24	
	Description		\$0	
E-7	Repairs & Maintenance	752.000		-\$15,491
	Adjust Repairs and Maintenance		-\$15,491	
	Description		\$0	
E-8	Customer Billing	903.100		-\$2,502
	Adjust customer billing to reflect Villages only		-\$2,502	
	Description		\$0	
E-9	Advertising Expense	907.000		-\$404
	Adjust advertising to reflect Villages only		-\$404	
	Description		\$0	
E-10	Administration & General Salary	920.000		-\$251,456
	Adjust payroll to Villages		-\$251,456	
	Description		\$0	
E-11	Travel Expense	921.11		-\$29,700
	Adjust travel expense		-\$29,700	
	Description		\$0	
E-12	Telephone Expense - CSWR 13.46%	921.500		-\$4,583
	Adjust telephone expense to reflect Villages only		-\$4,583	
	Description		\$0	
E-13	Office Supplies - CSWR 13.46%	921.800		-\$4,779
	Adjust office supplies to reflect Villages only		-\$4,779	
	Description		\$0	
E-13.1	Office Supplies	921.800		-\$43
	Adjust office supplies to reflect Villages only		-\$43	
	Description		\$0	
E-15	Outside Services (Legal Fees) - CSWR 13.46%	923.400		-\$1,788
	Adjust legal fees to reflect Villages only		-\$1,788	
	Description		\$0	
E-16	Outside Services (Legal Fees)	923.400		-\$7,305
	Adjust legal fees to reflect Villages only		-\$7,305	
	Description		\$0	
E-17	Outside Services (Accounting) - CSWR 13.46%	923.500		-\$2,307
	Adjust accounting fees to reflect Villages only		-\$2,307	
	Description		\$0	
E-18	Outside Services (Mgmt Consult) - CSWR 13.46%	923.600		-\$26,073
	Adjust mgmt consulting fees to reflect Villages only		-\$26,073	
	Description		\$0	
E-19	Outside Services (Payroll Fees) - CSWR 13.46%	923.800		-\$1,245
	Adjust payroll fees to reflect Villages only		-\$1,245	
	Description		\$0	
E-20	Outside Services (IT) - CSWR 13.46%	923.900		-\$1,867
	Adjust mgmt consulting fees to reflect Villages only		-\$1,867	
	Description		\$0	
E-21	Insurance (Professional Liability)	924.200		-\$17,393
	Adjust prof liab insurance to reflect Villages only		-\$17,393	
	Description		\$0	
E-22	Insurance (Worker's Comp) - CSWR 13.46%	924.300		-\$1,461
	Adjust worker's comp insurance to reflect Villages only		-\$1,461	
	Description		\$0	
E-23	Insurance (Commercial)	924.400		-\$22,871
	Adjust commercial insurance to reflect Villages only		-\$22,871	
	Description		\$0	
E-24	Employee Benefits (Healthcare) - CSWR 13.46%	926.200		-\$47,541
	Adjust healthcare benefits to reflect Villages only		-\$47,541	
	Description		\$0	
E-25	Employee Benefits (401K)	926.300		-\$36,708
	Adjust 401k benefits to reflect Villages only		-\$36,708	
	Description		\$0	
E-26	Employee Benefits (Life/STD/LTD/AD&D)	926.400		-\$12,279
	Adjust Life/STD/LTD/AD&D benefits to reflect Villages only		-\$12,279	
	Description		\$0	
E-27	Rent Expense - CSWR 13.46%	931.000		-\$75,321
	Adjust rent expense to Villages only		-\$75,321	
	Description		\$0	
E-28	American Account 301 - 10 years	408.000		\$4,396
	American Account 301 over 10 years		\$4,396	
	Description		\$0	
E-29	American Account 301 - 20 years	408.000		\$1,940
	American Account 301 over 20 years		\$1,940	
	Description		\$0	
E-30	Rate Case Expense	928.000		\$351
	Include rate case expense		\$351	
	Description		\$0	
E-31	PSC Assessment	928.200		-\$6,836
	Adjust to current PSC Assessment fees for Villages		-\$6,836	
	Description		\$0	
E-32	Permits & Fees	928.400		-\$1,805
	Adjust Permits & Fees to Villages only		-\$1,805	
	Description		\$0	
E-33	Depreciation			-\$15,382
	Adjust depreciation expense for Villages		-\$15,382	
	Description		\$0	
E-34	CAC Depreciation			-\$1,704
	Adjust CAC amortization		-\$1,704	
	Description		\$0	
E-35	IS & Medicare Taxes	408.120		-\$46,635
	Adjust payroll taxes		-\$46,635	
	Description		\$0	
E-36	STPA & PUTA Taxes	408.140		-\$426
	Adjust payroll taxes		-\$426	
	Description		\$0	
E-37	Personal Property Taxes - CSWR 13.46%	408.160		-\$73
	Adjust property taxes		-\$73	
	Taxes paid in January 2016		\$184	
TOTAL EXPENSE ADJUSTMENTS				-\$104,106

WPC Operations

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Design Schedule - Sewer

Line Number	Description	OPC Annualized
Rev-1	ANNUALIZED REVENUES	
Rev-2	Annualized Rate Revenues	\$39,340
Rev-3	Miscellaneous Revenues	\$578
Rev-4	TOTAL ANNUALIZED REVENUES	<u>\$39,918</u>
1	OPERATIONS EXPENSES	
2	Treatment Labor & Expense	\$9,765
3	Fuel & Power for Pumping	\$3,909
4	Miscellaneous Expense	\$0
5	TOTAL OPERATIONS EXPENSE	<u>\$13,674</u>
6	MAINTENANCE EXPENSES	
7	Maintenance of Services to Customers	\$127
8	Repairs & Maintenance	\$0
9	TOTAL MAINTENANCE EXPENSE	<u>\$127</u>
10	CUSTOMER ACCOUNT EXPENSE	
11	Customer Billing	\$1,560
12	Postage	\$147
13	Postage - CSWR 13.46%	\$63
14	Bank Fees	\$835
15	Uncollectible Accounts	\$262
16	Advertising Expense	\$12
17	TOTAL CUSTOMER ACCOUNT EXPENSE	<u>\$2,880</u>
18	ADMINISTRATIVE & GENERAL EXPENSES	
19	Administration & General Salary	\$4,265
20	Travel Expense	\$341
21	Telephone Expense - CSWR 13.46%	\$107
22	Office Supplies - CSWR 13.46%	\$150
23	Office Supplies	\$6
24	Outside Services (Legal Fees) - CSWR 13.46%	\$39
23	Outside Services (Legal Fees)	\$1,132
24	Outside Services (Accounting) - CSWR 13.46%	\$8
25	Outside Services (Mgmt Consult) - CSWR 13.46%	\$273
26	Outside Services (Payroll Fees) - CSWR 13.46%	\$31
27	Outside Services (IT) - CSWR 13.46%	\$68
28	Insurance (Professional Liability)	\$2,547
29	Insurance (Worker's Comp) - CSWR 13.46%	\$35
30	Insurance (Commercial)	\$3,244
33	Employee Benefits (Keyman)	\$0
34	Employee Benefits (Healthcare) - CSWR 13.46%	\$1,237
35	Employee Benefits (401k)	\$143
36	Employee Benefits (Life/STD/LTD/ADD)	\$614
37	Rent Expense - CSWR 13.46%	\$1,943
38	TOTAL ADMINISTRATIVE & GENERAL	<u>\$16,182</u>
39	OTHER OPERATING EXPENSES	
40	Amortize Account 301 over 10 years	\$5,690
41	Amortize Account 303 over 20 years	\$451
42	Rate Case Expense	\$115
43	MO DNR Fees	\$600
44	PSC Assessment	\$204
45	Permits & Fees	\$2
46	Depreciation	\$21,797
47	CIAC Depreciation	(\$652)
48	TOTAL OTHER OPERATING EXPENSES	<u>\$28,207</u>
49	TAXES OTHER THAN INCOME	
50	SS & Medicare Taxes	\$363
51	SUTA & FUTA Taxes	\$188
52	Personal Property Taxes - CSWR 13.46%	\$378
53	TOTAL TAXES OTHER THAN INCOME	<u>\$929</u>
52	TOTAL OPERATING EXPENSES	\$61,998
53	Interest Expense	\$29,849
54	Return on Equity	\$14,834
55	Income Taxes	\$3,694
56	TOTAL INTEREST RETURN & TAXES	<u>\$48,377</u>
57	TOTAL COST OF SERVICE	\$110,375
58	Less: Miscellaneous Revenues	<u>\$578</u>
59	COST TO RECOVER IN RATES	<u>\$109,797</u>
60	INCREMENTAL INCREASE IN RATE REVENUES	<u><u>\$70,457</u></u>
61	PERCENTAGE OF INCREASE	176.51%
62	REQUESTED INCREASE IN REVENUES	\$68,842

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Base & Required Return on Investment Schedule - Sewer

Line Number	Rate Base Description	Dollar Amount	
1	Plant In Service	\$546,641	From Plant Schedule
2	Less Accumulated Depreciation	<u>\$29,577</u>	From Reserve Sch
3	Net Plant In Service	\$517,064	
4	Other Rate Base Items:		
	Prepayments	\$23	
	Contributions in Aid of Construction	(\$29,285)	
	CIAC Depreciation	\$487	
5	Total Rate Base	<u>\$488,289</u>	
6	Total Weighted Rate of Return Including Income Tax	<u>9.91%</u>	From PreTax Return Schedule
7	Required Return & Income Tax	<u><u>\$48,377</u></u>	

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate of Return Including Income Tax - Sewer

	A	B	Formulas	
1 State Income Tax Rate	6.25%	5.81%	(1-(B2 x .5)) x A1	
2 Federal Income Tax Rate	15.00%	14.13%	(1-B1) x A2	
3 Composite Effective Income Tax Rate		19.94%	B1 + B2	
4 Equity Tax Factor		1.2490	1 / (1-B3)	
5 Recommended Weighted Rate of Return on Equity - Common and Preferred		3.04%	From Cap. Struct.	
6 Weighted Rate of Return on Equity Inc. Income Tax		3.79%	B4 x B5	
7 Recommended Weighted Rate of Return on Debt - Long-Term and Short-Term		6.11%	From Cap. Struct.	
8 Total Weighted Rate of Return Inc. Income Tax		9.91%	B6 + B7 To Rate Base Sch.	
9 If Sub-Chapter S Corporation, Enter Y:	N			
10 Equity Income Required & Preliminary Federal Tax		\$17,452		

Net Income Range		Tax Rate	Amount in Range	Tax on Range
Start	End			
\$ -	\$ 50,000	15.00%	\$17,452	\$2,618
\$ 50,001	\$ 75,000	25.00%	\$0	\$0
\$ 75,001	\$ 100,000	34.00%	\$0	\$0
\$ 100,001	\$ 335,000	39.00%	\$0	\$0
\$ 335,001	\$ 9,999,999,999	34.00%	\$0	\$0
			\$17,452	\$2,618
			Consolidated Tax Rate:	
			Average Tax Rate:	
				0.15

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Capital Structure Schedule - Sewer

			Is Preferred Stock Tax Deductible?		
Line Number	Description	Dollar Amount	Percentage of Total Capital Structure	Embedded Cost of Capital	Weighted Cost of Capital
1	Common Stock	\$391,094	25.00%	12.15%	3.038%
2	Other Security - Non-Tax Deductible	\$0	0.00%	0.00%	0.000%
3	Preferred Stock	\$0	0.00%	0.00%	0.000%
4	Long-Term Debt	\$1,173,282	75.00%	8.15%	6.113%
5	Short-Term Debt	\$0	0.00%	0.00%	0.000%
6	Other Security - Tax Deductible	\$0	0.00%	0.00%	0.000%
7	TOTAL CAPITALIZATION	<u>\$1,564,376</u>	<u>100.00%</u>		<u>9.151%</u>

To PreTax Return Rate Schedule

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Plant In Service - Sewer

Line Number	Account #	Plant Account Description	Total Plant	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$56,216	P-1	\$679	100.00%	\$56,895
3	302.000	Franchises	\$0		\$0	100.00%	\$0
4	303.000	Miscellaneous Intangible Plant	\$9,027		\$0	100.00%	\$9,027
5		TOTAL INTANGIBLE PLANT	\$65,243		\$679		\$65,922
6		SOURCE OF SUPPLY PLANT					
7	310.000	Land & Land Rights - SSP	\$1,555		\$0	100.00%	\$1,555
8	311.000	Structures & Improvements - SSP	\$2,243	P-2	\$67,319	100.00%	\$69,562
9		TOTAL SOURCE OF SUPPLY PLANT	\$3,798		\$67,319		\$71,117
10		COLLECTION PLANT					
11	352.100	Collection Sewers - Force	\$0		\$0	100.00%	\$0
12	352.200	Collection Sewers - Gravity	\$38,547		\$0	100.00%	\$38,547
13	353.000	Other Collection Plant Facilities	\$0		\$0	100.00%	\$0
14	354.000	Services to Customers	\$613	P-3	-\$613	100.00%	\$0
15	355.000	Flow Measuring Devices	\$0		\$0	100.00%	\$0
16		TOTAL COLLECTION PLANT	\$39,160		-\$613		\$38,547
17		PUMPING PLANT					
18	362.000	Receiving Wells and Pump Pits	\$0		\$0	100.00%	\$0
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0		\$0	100.00%	\$0
20		TOTAL PUMPING PLANT	\$0		\$0		\$0
21		TREATMENT & DISPOSAL PLANT					
22	371.000	Structures & Improvements	\$0		\$0	100.00%	\$0
23	372.000	Oxidation Lagoon	\$0		\$0	100.00%	\$0
24	373.000	Treatment & Disposal Equipment	\$31,698	P-4	\$325,031	100.00%	\$356,729
25	374.000	Plant Sewers	\$8,679		\$0	100.00%	\$8,679
26	375.000	Outfall Sewer Lines	\$75		\$0	100.00%	\$75
27	376.000	Other Treatment & Disposal Plant Equip.	\$0		\$0	100.00%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$40,452		\$325,031		\$365,483
29		GENERAL PLANT					
30	391.100	Office Furniture & Equipment (IT)	\$261	P-5	\$3	100.00%	\$264
31	391.200	Office Furniture & Equipment (Desks, Chairs, e	\$140	P-6	\$1	100.00%	\$141
32	391.700	Office Furniture & Equipment (Copier)	\$77	P-7	\$1	100.00%	\$78
33		Office Computer Equipment	\$0		\$0	100.00%	\$0
34	392.000	Transportation Equipment	\$0		\$0	100.00%	\$0
35	393.000	Other General Equipment	\$0		\$0	100.00%	\$0
36	397.000	Communication Equipment	\$0	P-8	\$5,089	100.00%	\$5,089
37		TOTAL GENERAL PLANT	\$478		\$5,094		\$5,572
38		TOTAL PLANT IN SERVICE	\$149,131		\$397,510		\$546,641

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Schedule of Adjustments for Plant in Service - Sewer

Plant Adjustment Number	Plant in Service Adjustment Description	Account Number	Adjustment Amount	Total Adjustment
P-1	Organization	301.000		\$679
	Update plant through March 31, 2016		\$679	
			\$0	
P-2	Structures & Improvements - SSP	311.000		\$67,319
	Update plant through March 31, 2016		\$67,319	
			\$0	
P-3	Services to Customers	354.000		-\$613
	Retire plant		-\$613	
			\$0	
P-4	Treatment & Disposal Equipment	373.000		\$325,031
	Update plant through March 31, 2016		\$325,031	
			\$0	
P-5	Office Furniture & Equipment (IT)	391.100		\$3
	Update plant through March 31, 2016		\$3	
			\$0	
P-6	Office Furniture & Equipment (Desks, Chairs, etc.)	391.200		\$1
	Update plant through March 31, 2016		\$1	
			\$0	
P-7	Office Furniture & Equipment (Copier)	391.700		\$1
	Update plant through March 31, 2016		\$1	

\$0

P-8	Communication Equipment	397.000	\$5,089
-----	-------------------------	---------	---------

Update plant through March 31, 2016

\$5,089

.

\$0

TOTAL PLANT ADJUSTMENTS			<u>\$397,510</u>
-------------------------	--	--	------------------

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Depreciation Expense

Line Number	Account Number	Plant Description	Adjusted Jurisdictional	Depreciation Rate	Depreciation Expense
1		INTANGIBLE PLANT			
2	301.000	Organization	\$56,895	0.0000%	\$0
3	302.000	Franchises	\$0	0.0000%	\$0
4	303.000	Miscellaneous Intangible Plant	\$9,027	0.0000%	\$0
5		TOTAL INTANGIBLE PLANT	\$65,922		\$0
6		SOURCE OF SUPPLY PLANT			
7	310.000	Land & Land Rights - SSP	\$1,555	0.0000%	\$0
8	311.000	Structures & Improvements - SSP	\$69,562	3.7000%	\$2,574
9		TOTAL SOURCE OF SUPPLY PLANT	\$71,117		\$2,574
10		COLLECTION PLANT			
11	352.100	Collection Sewers - Force	\$0	2.0000%	\$0
12	352.200	Collection Sewers - Gravity	\$38,547	2.0000%	\$771
13	353.000	Other Collection Plant Facilities	\$0	0.0000%	\$0
14	354.000	Services to Customers	\$0	0.0000%	\$0
15	355.000	Flow Measuring Devices	\$0	0.0000%	\$0
16		TOTAL COLLECTION PLANT	\$38,547		\$771
17		PUMPING PLANT			
18	362.000	Receiving Wells and Pump Pits	\$0	0.0000%	\$0
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0	0.0000%	\$0
20		TOTAL PUMPING PLANT	\$0		\$0
21		TREATMENT & DISPOSAL PLANT			
22	371.000	Structures & Improvements	\$0	0.0000%	\$0
23	372.000	Oxidation Lagoon	\$0	0.0000%	\$0
24	373.000	Treatment & Disposal Equipment	\$356,729	5.0000%	\$17,836
25	374.000	Plant Sewers	\$8,679	2.5000%	\$217
26	375.000	Outfall Sewer Lines	\$75	2.0000%	\$2
27	376.000	Other Treatment & Disposal Plant Equip.	\$0	0.0000%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$365,483		\$18,055
29		GENERAL PLANT			
30	391.100	Office Furniture & Equipment (IT)	\$264	14.3000%	\$38
31	391.200	Office Furniture & Equipment (Desks, Chairs, etc	\$141	5.0000%	\$7
32	391.700	Office Furniture & Equipment (Copier)	\$78	14.3000%	\$11
33	0.000	Office Computer Equipment	\$0	0.0000%	\$0
34	392.000	Transportation Equipment	\$0	0.0000%	\$0
35	393.000	Other General Equipment	\$0	0.0000%	\$0
36	397.000	Communication Equipment	\$5,089	6.7000%	\$341
37		TOTAL GENERAL PLANT	\$5,572		\$397
38		TOTAL PLANT DEPRECIATION EXPENSE	\$546,641		\$21,797

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Depreciation Reserve

Line Number	Account Number	Plant Description	Total Reserve	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$0		\$0	100.0000%	\$0
3	302.000	Franchises	\$0		\$0	100.0000%	\$0
4	303.000	Miscellaneous Intangible Plant	\$0		\$0	100.0000%	\$0
5		TOTAL INTANGIBLE PLANT	\$0		\$0		\$0
6		SOURCE OF SUPPLY PLANT					
7	310.000	Land & Land Rights - SSP	\$0		\$0	100.0000%	\$0
8	311.000	Structures & Improvements - SSP	\$746	R-1	\$269	100.0000%	\$1,015
9		TOTAL SOURCE OF SUPPLY PLANT	\$746		\$269		\$1,015
10		COLLECTION PLANT					
11	352.100	Collection Sewers - Force	\$0		\$0	100.0000%	\$0
12	352.200	Collection Sewers - Gravity	\$18,266	R-2	\$193	100.0000%	\$18,459
13	353.000	Other Collection Plant Facilities	\$0		\$0	100.0000%	\$0
14	354.000	Services to Customers	\$156	R-3	(\$611)	100.0000%	(\$455)
15	355.000	Flow Measuring Devices	\$0		\$0	100.0000%	\$0
16		TOTAL COLLECTION PLANT	\$18,422		(\$418)		\$18,004
17		PUMPING PLANT					
18	362.000	Receiving Wells and Pump Pits	\$0		\$0	100.0000%	\$0
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0		\$0	100.0000%	\$0
20		TOTAL PUMPING PLANT	\$0		\$0		\$0
21		TREATMENT & DISPOSAL PLANT					
22	371.000	Structures & Improvements	\$0		\$0	100.0000%	\$0
23	372.000	Oxidation Lagoon	\$0		\$0	100.0000%	\$0
24	373.000	Treatment & Disposal Equipment	\$4,993	R-4	\$2,428	100.0000%	\$7,421
25	374.000	Plant Sewers	\$2,936	R-5	\$98	100.0000%	\$3,034
26	375.000	Outfall Sewer Lines	\$18	R-6	\$1	100.0000%	\$19
27	376.000	Other Treatment & Disposal Plant Equip.	\$0		\$0	100.0000%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$7,947		\$2,527		\$10,474
29		GENERAL PLANT					
30	391.100	Office Furniture & Equipment (IT)	\$19	R-7	\$9	100.0000%	\$28
31	391.200	Office Furniture & Equipment (Desks, Chairs,	\$3	R-8	\$2	100.0000%	\$5
32	391.700	Office Furniture & Equipment (Copier)	\$5	R-9	\$3	100.0000%	\$8
33	0.000	Office Computer Equipment	\$0		\$0	100.0000%	\$0
34	392.000	Transportation Equipment	\$0		\$0	100.0000%	\$0
35	393.000	Other General Equipment	\$0		\$0	100.0000%	\$0
36	397.000	Communication Equipment	\$43		\$0	100.0000%	\$43
37		TOTAL GENERAL PLANT	\$70		\$14		\$84
38		TOTAL DEPRECIATION RESERVE	\$27,185		\$2,392		\$29,577

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Adjustments to Depreciation Reserve

Reserve Adjustment Number	Accumulated Depreciation Reserve Adjustments Description	Account Number	Adjustment Amount	Total Adjustment Amount
R-1	Structures & Improvements - SSP	311.000		\$269
	Update depreciation reserve through March 31, 2016		\$269	
			\$0	
R-2	Collection Sewers - Gravity	352.200		\$193
	Update depreciation reserve through March 31, 2016		\$193	
			\$0	
R-3	Services to Customers	354.000		-\$611
	Update depreciation reserve through March 31, 2016		\$2	
	retire plant		-\$613	
R-4	Treatment & Disposal Equipment	373.000		\$2,428
	Update depreciation reserve through March 31, 2016		\$2,428	
			\$0	
R-5	Plant Sewers	374.000		\$98
	Update depreciation reserve through March 31, 2016		\$98	
			\$0	
R-6	Outfall Sewer Lines	375.000		\$1
	Update depreciation reserve through March 31, 2016		\$1	
			\$0	
R-7	Office Furniture & Equipment (IT)	391.100		\$9
	Update depreciation reserve through March 31, 2016		\$9	
			\$0	
R-8	Office Furniture & Equipment (Desks, Chairs, etc.)	391.200		\$2
	Update depreciation reserve through March 31, 2016		\$2	
			\$0	
R-9	Office Furniture & Equipment (Copier)	391.700		\$3
	Update depreciation reserve through March 31, 2016		\$3	
			\$0	
TOTAL RESERVE ADJUSTMENTS				<u>\$2,378</u>

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Revenue Schedule - Sewer

Line Number	Account Number	Revenue Description	Company/ Test Year Amount	Adjustment Number	Jurisdictional Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
ANNUALIZED REVENUES							
Rev-1		Annualized Rate Revenues	\$113,464		(\$74,124)	100.00%	\$39,340
Rev-2		Miscellaneous Revenues	\$578		\$0	100.00%	\$578
TOTAL ANNUALIZED REVENUES			\$114,042		(\$74,124)		\$39,918

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Revenue Adjustment Schedule - Sewer

Revenue Adjustment Number	Adjustment Description	Account Number	Adjustment Amount	Total Adjustment Amount
Rev-1	Annualized Rate Revenues			-\$74,124
	Adjust to WPC revenues only		-\$74,124	
	Description		\$0	
Rev-2	Miscellaneous Revenues			\$0
	Description		\$0	
	Description		\$0	
TOTAL REVENUES ADJUSTMENTS				-\$74,124

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Revenue Feeder Schedule - Sewer

Line Number	Description	W.P.C.								Total	
		Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
1	<u>Customer Charge Revenues:</u>										
2	Customer Number	86		0		0		0		86	
3	Bills Per Year	12		12		12		12			
4	Customer Bills Per Year	1,032		0		0		0		1,032	
5	Current Customer Charge	<u>\$38.12</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>			
6	Annualized Customer Charge Revenues		\$39,340		\$0		\$0		\$0		\$39,340
7	<u>Commodity Charge Revenues:</u>										
8	Total Gallons Sold	0		0		0		0		0	
9	Less: Base Gallons Included in Customer Charge	<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		0	
10	Commodity Gallons	0		0		0		0		0	
11	Block 1, Commodity Gallons per Block	0		0		0		0			
12	Block 1, Number of Commodity Gallons per Unit	1,000		1,000		1,000		1,000			
13	Block 1, Commodity Billing Units	0		0		0		0			
14	Block 1, Existing Commodity Charge	<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>			
15	Block 1, Annualized Commodity Charge Rev.		\$0		\$0		\$0		\$0		\$0
16	TOTAL ANNUALIZED SEWER RATE REVENUES		\$39,340		\$0		\$0		\$0		\$39,340

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Miscellaneous Revenues Feeder - Sewer

Line Number	Description	Amount
1	Late Charge Fees	\$578
2	Other	\$0
3	TOTAL MISCELLANEOUS REVENUES	<u>\$578</u>

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Expense Schedule - Sewer

Line Number	Account Number	Expense Description	Company/ Test Year Amount	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		OPERATIONS EXPENSES					
2	742.000	Treatment Labor & Expense	\$21,690	E-1	(\$11,925)	100.00%	\$9,765
3	743.000	Fuel & Power for Pumping	\$20,312	E-2	(\$16,403)	100.00%	\$3,909
4	744.000	Miscellaneous Expense	\$0		\$0	100.00%	\$0
5		TOTAL OPERATIONS EXPENSE	\$42,002		(\$28,328)		\$13,674
6		MAINTENANCE EXPENSES					
7	713.000	Maintenance of Services to Customers	\$72	E-6	\$55	100.00%	\$127
8	752.000	Repairs & Maintenance	\$17,201	E-7	(\$17,201)	100.00%	\$0
9		TOTAL MAINTENANCE EXPENSE	\$17,273		(\$17,146)		\$127
10		CUSTOMER ACCOUNT EXPENSE					
11	903.100	Customer Billing	\$10,530	E-8	(\$8,970)	100.00%	\$1,560
12	903.200	Postage	\$168	E-3	(\$21)	100.00%	\$147
13	903.200	Postage - CSWR 13.46%	\$500	E-3.1	(\$437)	100.00%	\$63
14	903.280	Bank Fees	\$4,762	E-4	(\$3,927)	100.00%	\$835
15	904.000	Uncollectible Accounts	\$3,304	E-5	(\$3,042)	100.00%	\$262
16	907.000	Advertising Expense	\$442	E-9	(\$430)	100.00%	\$12
17		TOTAL CUSTOMER ACCOUNT EXPENSE	\$19,706		(\$16,397)		\$2,880
18		ADMINISTRATIVE & GENERAL EXPENSES					
19	920.000	Administration & General Salary	\$266,451	E-10	(\$262,186)	100.00%	\$4,265
20	921.110	Travel Expense	\$30,739	E-11	(\$30,398)	100.00%	\$341
21	921.500	Telephone Expense - CSWR 13.46%	\$4,917	E-12	(\$4,811)	100.00%	\$107
22	921.800	Office Supplies - CSWR 13.46%	\$5,237	E-13	(\$5,087)	100.00%	\$150
23	921.800	Office Supplies	\$263	E-14	(\$257)	100.00%	\$6
24	923.400	Outside Services (Legal Fees) - CSWR 13.46%	\$1,906	E-15	(\$1,867)	100.00%	\$39
25	923.400	Outside Services (Legal Fees)	\$11,153	E-16	(\$10,021)	100.00%	\$1,132
26	923.500	Outside Services (Accounting) - CSWR 13.46%	\$2,330	E-17	(\$2,323)	100.00%	\$8
27	923.600	Outside Services (Mgmt Consult) - CSWR 13.46%	\$26,906	E-18	(\$26,633)	100.00%	\$273
28	923.800	Outside Services (Payroll Fees) - CSWR 13.46%	\$1,340	E-19	(\$1,309)	100.00%	\$31
29	923.900	Outside Services (IT) - CSWR 13.46%	\$1,871	E-20	(\$1,803)	100.00%	\$68
30	924.200	Insurance (Professional Liability)	\$25,716	E-21	(\$23,169)	100.00%	\$2,547
31	924.300	Insurance (Worker's Comp) - CSWR 13.46%	\$1,567	E-22	(\$1,532)	100.00%	\$35
32	924.400	Insurance (Commercial)	\$32,753	E-23	(\$29,509)	100.00%	\$3,244
33	926.100	Employee Benefits (Keyman)	\$0		\$0	100.00%	\$0
34	926.200	Employee Benefits (Healthcare) - CSWR 13.46%	\$51,310	E-24	(\$50,073)	100.00%	\$1,237
35	926.300	Employee Benefits (401k)	\$37,142	E-25	(\$36,999)	100.00%	\$143
36	926.400	Employee Benefits (Life/STD/LTD/ADD)	\$5,150	E-26	(\$4,536)	100.00%	\$614
37	931.000	Rent Expense - CSWR 13.46%	\$81,240	E-27	(\$79,297)	100.00%	\$1,943
38		TOTAL ADMINISTRATIVE & GENERAL	\$587,990		(\$571,808)		\$16,182
39		OTHER OPERATING EXPENSES					
40	408.000	Amortize Account 301 over 10 years	\$0	E-28	\$5,690	100.00%	\$5,690
41	408.000	Amortize Account 303 over 20 years	\$0	E-29	\$451	100.00%	\$451
42	928.000	Rate Case Expense	\$0	E-30	\$115	100.00%	\$115
43	928.100	MO DNR Fees	\$600		\$0	100.00%	\$600
44	928.200	PSC Assessment	\$7,459	E-31	(\$7,255)	100.00%	\$204
45	928.400	Permits & Fees	\$1,871	E-32	(\$1,869)	100.00%	\$2
46		Depreciation	\$28	E-33	\$21,769	100.00%	\$21,797
47		CIAC Depreciation	(\$10)	E-34	(\$642)	100.00%	(\$652)
48		TOTAL OTHER OPERATING EXPENSES	\$9,948		\$18,259		\$28,207
49		TAXES OTHER THAN INCOME					
50	408.120	SS & Medicare Taxes	\$45,742	E-35	(\$45,379)	100.00%	\$363
51	408.140	SUTA & FUTA Taxes	\$997	E-36	(\$809)	100.00%	\$188
52	408.160	Personal Property Taxes - CSWR 13.46%	\$75	E-37	\$303	100.00%	\$378
53		TOTAL TAXES OTHER THAN INCOME	\$46,814		(\$45,885)		\$929
54		TOTAL OPERATING EXPENSES	\$723,733		(\$661,305)		\$61,998

Raccoon Creek Utility Operating Company, Inc.
System - W.P.C.
Case Number 20-2331-0202
Test Year Ending 12/31/2015, Update 1/31/2016
Expense Adjustment Schedule - Owner

Expense Adjustment Number	Adjustment Description	Account Number	Adjustment Amount	Total Adjustment Amount
E-1	Treatment Labor & Expense	742.000		-\$11,925
	Adjust treatment labor to reflect WPC only		-\$11,925	
	Description		\$0	
E-2	Fuel & Power for Pumping	743.000		-\$36,403
	Adjust pumping expense to reflect WPC only		-\$36,403	
	Description		\$0	
E-3	Freight	903.200		-\$21
	Adjust freight to reflect WPC only		-\$21	
	Description		\$0	
E-3.1	Freight - CSWR 13.46%	903.200		-\$437
	Adjust freight to reflect WPC only		-\$437	
	Description		\$0	
E-4	Bank Fees	903.280		-\$1,927
	Adjust bank fees to reflect WPC only		-\$1,927	
	Description		\$0	
E-5	Uncollectible Accounts	904.000		-\$1,042
	Adjust uncollectibles to reflect WPC only		-\$1,042	
	Description		\$0	
E-6	Maintenance of Services to Customers	713.000		\$95
	Adjust maint of services to customers to reflect WPC only		\$95	
	Description		\$0	
E-7	Repairs & Maintenance	752.000		-\$17,201
	Adjust Repairs & Maintenance		-\$17,201	
	Description		\$0	
E-8	Customer Billing	903.100		-\$6,970
	Adjust customer billing to reflect WPC only		-\$6,970	
	Description		\$0	
E-9	Advertising Expense	907.000		-\$49
	Adjust advertising to reflect WPC only		-\$49	
	Description		\$0	
E-10	Administration & General Salary	920.000		-\$262,186
	Adjust payroll to WPC		-\$262,186	
	Description		\$0	
E-11	Travel Expense	921.11		-\$80,398
	Adjust travel expense		-\$80,398	
	Description		\$0	
E-12	Telephone Expense - CSWR 13.46%	921.500		-\$4,811
	Adjust telephone expense to reflect WPC only		-\$4,811	
	Description		\$0	
E-13	Office Supplies - CSWR 13.46%	921.800		-\$5,087
	Adjust payroll fees to reflect WPC only		-\$5,087	
	Description		\$0	
E-14	Office Supplies	923.100		-\$217
	Adjust accounting fees to reflect WPC only		-\$217	
	Description		\$0	
E-15	Outside Services (Legal Fees) - CSWR 13.46%	923.400		-\$1,867
	Adjust legal fees to reflect WPC only		-\$1,867	
	Description		\$0	
E-16	Outside Services (Legal Fees)	923.400		-\$10,021
	Adjust legal fees to reflect WPC only		-\$10,021	
	Description		\$0	
E-17	Outside Services (Accounting) - CSWR 13.46%	923.500		-\$2,323
	Adjust accounting fees to reflect WPC only		-\$2,323	
	Description		\$0	
E-18	Outside Services (Mgmt Consult) - CSWR 13.46%	923.600		-\$26,633
	Adjust mgmt consulting fees to reflect WPC only		-\$26,633	
	Description		\$0	
E-19	Outside Services (Payroll Fees) - CSWR 13.46%	923.800		-\$1,309
	Adjust payroll fees to reflect WPC only		-\$1,309	
	Description		\$0	
E-20	Outside Services (IT) - CSWR 13.46%	923.900		-\$1,803
	Adjust mgmt consulting fees to reflect WPC only		-\$1,803	
	Description		\$0	
E-21	Insurance (Professional Liability)	924.200		-\$23,169
	Adjust prof liab insurance to reflect WPC only		-\$23,169	
	Description		\$0	
E-22	Insurance (Worker's Comp) - CSWR 13.46%	924.300		-\$1,532
	Adjust worker's comp insurance to reflect WPC only		-\$1,532	
	Description		\$0	
E-23	Insurance (Commercial)	924.400		-\$29,509
	Adjust commercial insurance to reflect WPC only		-\$29,509	
	Description		\$0	
E-24	Employee Benefits (Healthcare) - CSWR 13.46%	926.200		-\$90,073
	Adjust healthcare benefits to reflect WPC only		-\$90,073	
	Description		\$0	
E-25	Employee Benefits (401K)	926.300		-\$36,989
	Adjust 401k benefits to reflect WPC only		-\$36,989	
	Description		\$0	
E-26	Employee Benefits (Life/STD/LTD/AD&D)	926.400		-\$4,536
	Adjust Life/STD/LTD/AD&D benefits to reflect WPC only		-\$4,536	
	Description		\$0	
E-27	Rent Expense - CSWR 13.46%	931.000		-\$79,267
	Adjust rent expense to WPC only		-\$79,267	
	Description		\$0	
E-28	American Account 301 over 10 years	408.000		\$5,690
	American account 301 over 10 years		\$5,690	
	Description		\$0	
E-29	American Account 302 over 20 years	408.000		\$471
	American account 302 over 20 years		\$471	
	Description		\$0	
E-30	Rate Case Expense	928.000		\$115
	Include rate case expense		\$115	
	Description		\$0	
E-31	PSC Assessment	928.200		-\$7,215
	Adjust to current PSC Assessment fees for WPC		-\$7,215	
	Description		\$0	
E-32	Permits & Fees	928.400		-\$1,869
	Adjust Permits & Fees to WPC only		-\$1,869	
	Description		\$0	
E-33	Depreciation			-\$15,382
	Adjust depreciation expense for WPC		-\$15,382	
	Description		\$0	
E-34	CAC Depreciation			-\$942
	Adjust CAC amortization		-\$942	
	Description		\$0	
E-35	IS & Medicare Taxes	408.120		-\$45,379
	Adjust payroll taxes		-\$45,379	
	Description		\$0	
E-36	SUTA & PUTA Taxes	408.140		-\$809
	Adjust payroll taxes		-\$809	
	Description		\$0	
E-37	Personal Property Taxes - CSWR 13.46%	408.160		-\$74
	Adjust property taxes		-\$74	
	Taxes paid in January 2016		\$177	
TOTAL EXPENSE ADJUSTMENTS				-\$164,171

West 16th Operations

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Design Schedule - Sewer

Line Number	Description	OPC Annualized
Rev-1	ANNUALIZED REVENUES	
Rev-2	Annualized Rate Revenues	\$54,848
Rev-3	Miscellaneous Revenues	\$1,155
Rev-4	TOTAL ANNUALIZED REVENUES	<u>\$56,003</u>
1	OPERATIONS EXPENSES	
2	Treatment Labor & Expense	\$19,644
3	Fuel & Power for Pumping	\$4,413
4	Miscellaneous Expenses	\$0
5	TOTAL OPERATIONS EXPENSE	<u>\$24,057</u>
6	MAINTENANCE EXPENSES	
7	Maintenance of Services to Customers	\$0
8	Repairs & Maintenance	\$0
9	TOTAL MAINTENANCE EXPENSE	<u>\$0</u>
10	CUSTOMER ACCOUNT EXPENSE	
11	Customer Billing	\$4,152
12	Postage	\$296
13	Postage - CSWR 13.46%	\$126
14	Bank Fees	\$1,681
15	Uncollectible Accounts	\$527
16	Advertising Expense	\$25
17	TOTAL CUSTOMER ACCOUNT EXPENSE	<u>\$6,806</u>
18	ADMINISTRATIVE & GENERAL EXPENSES	
19	Administration & General Salary	\$8,580
20	Travel Expense	\$686
21	Telephone Expense - CSWR 13.46%	\$214
22	Office Supplies - CSWR 13.46%	\$303
23	Office Supplies	\$13
24	Outside Services (Legal Fees) - CSWR 13.46%	\$78
25	Outside Services (Legal Fees)	\$2,277
26	Outside Services (Accounting) - CSWR 13.46%	\$15
27	Outside Services (Mgmt Consult) - CSWR 13.46%	\$550
28	Outside Services (Payroll Fees) - CSWR 13.46%	\$63
29	Outside Services (IT) - CSWR 13.46%	\$137
30	Insurance (Professional Liability)	\$5,123
31	Insurance (Worker's Comp) - CSWR 13.46%	\$70
32	Insurance (Commercial)	\$6,525
33	Employee Benefits (Keyman)	\$0
34	Employee Benefits (Healthcare) - CSWR 13.46%	\$2,489
35	Employee Benefits (401k)	\$287
36	Employee Benefits (Life/STD/LTD/ADD)	\$1,236
37	Rent Expense - CSWR 13.46%	\$3,908
38	TOTAL ADMINISTRATIVE & GENERAL	<u>\$32,555</u>
39	OTHER OPERATING EXPENSES	
40	Amortize Account 301 over 10 years	\$3,477
41	Amortize Account 303 over 20 years	\$112
42	Rate Case Expense	\$232
43	MO DNR Fees	\$3,000
44	PSC Assessment	\$411
45	Permits & Fees	\$4
46	Depreciation	\$27,490
47	CIAC Depreciation	<u>(\$6,036)</u>
48	TOTAL OTHER OPERATING EXPENSES	<u>\$28,691</u>
49	TAXES OTHER THAN INCOME	
50	SS & Medicare Taxes	\$731
51	SUTA & FUTA Taxes	\$377
52	Personal Property Taxes - CSWR 13.46%	\$311
53	TOTAL TAXES OTHER THAN INCOME	<u>\$1,419</u>
51	TOTAL OPERATING EXPENSES	\$93,529
52	Interest Expense	\$29,526
53	Return on Equity	\$14,674
54	Income Taxes	\$3,654
55	TOTAL INTEREST RETURN & TAXES	<u>\$47,854</u>
56	TOTAL COST OF SERVICE	\$141,383
57	Less: Miscellaneous Revenues	<u>\$1,155</u>
58	COST TO RECOVER IN RATES	<u>\$140,228</u>
59	INCREMENTAL INCREASE IN RATE REVENUES	<u><u>\$85,380</u></u>
60	PERCENTAGE OF INCREASE	152.46%
61	REQUESTED INCREASE IN REVENUES	<u>\$183,227</u>

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Base & Required Return on Investment Schedule - Sewer

Line Number	Rate Base Description	Dollar Amount	
1	Plant In Service	\$765,427	From Plant Schedule
2	Less Accumulated Depreciation	<u>\$113,720</u>	From Reserve Sch
3	Net Plant In Service	\$651,707	
4	Other Rate Base Items:		
	Prepayments	\$46	
	Contributions in Aid of Construction	(\$226,648)	
	CIAC Depreciation	\$57,896	
5	Total Rate Base	<u>\$483,001</u>	
6	Total Weighted Rate of Return Including Income Tax	<u>9.91%</u>	From PreTax Return Schedule
7	Required Return & Income Tax	<u><u>\$47,853</u></u>	

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate of Return Including Income Tax - Sewer

	A	B	Formulas	
1 State Income Tax Rate	6.25%	5.81%	$(1-(B2 \times .5)) \times A1$	
2 Federal Income Tax Rate	15.00%	14.13%	$(1-B1) \times A2$	
3 Composite Effective Income Tax Rate		19.94%	$B1 + B2$	
4 Equity Tax Factor		1.2490	$1 / (1-B3)$	
5 Recommended Weighted Rate of Return on Equity - Common and Preferred		3.04%	From Cap. Struct.	
6 Weighted Rate of Return on Equity Inc. Income Tax		3.79%	$B4 \times B5$	
7 Recommended Weighted Rate of Return on Debt - Long-Term and Short-Term		6.11%	From Cap. Struct.	
8 Total Weighted Rate of Return Inc. Income Tax		9.91%	$B6 + B7$ To Rate Base Sch.	
9 If Sub-Chapter S Corporation, Enter Y:	N			
10 Equity Income Required & Preliminary Federal Tax		\$17,264		

Net Income Range		Tax Rate	Amount in Range	Tax on Range
Start	End			
\$ -	\$ 50,000	15.00%	\$17,264	\$2,590
\$ 50,001	\$ 75,000	25.00%	\$0	\$0
\$ 75,001	\$ 100,000	34.00%	\$0	\$0
\$ 100,001	\$ 335,000	39.00%	\$0	\$0
\$ 335,001	\$ 9,999,999,999	34.00%	\$0	\$0
			\$17,264	\$2,590
			Consolidated Tax Rate:	
			Average Tax Rate:	
				0.15

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Capital Structure Schedule - Sewer

			Is Preferred Stock Tax Deductible?		
Line Number	Description	Dollar Amount	Percentage of Total Capital Structure	Embedded Cost of Capital	Weighted Cost of Capital
1	Common Stock	\$391,094	25.00%	12.15%	3.038%
2	Other Security - Non-Tax Deductible	\$0	0.00%	0.00%	0.000%
3	Preferred Stock	\$0	0.00%	0.00%	0.000%
4	Long-Term Debt	\$1,173,282	75.00%	8.15%	6.113%
5	Short-Term Debt	\$0	0.00%	0.00%	0.000%
6	Other Security - Tax Deductible	\$0	0.00%	0.00%	0.000%
7	TOTAL CAPITALIZATION	<u>\$1,564,376</u>	<u>100.00%</u>		<u>9.151%</u>

To PreTax Return Rate Schedule

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Plant In Service - Sewer

Line Number	Account #	Plant Account Description	Total Plant	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$34,769		\$0	100.00%	\$34,769
3	302.000	Franchises	\$0		\$0	100.00%	\$0
4	303.000	Miscellaneous Intangible Plant	\$2,235		\$0	100.00%	\$2,235
5		TOTAL INTANGIBLE PLANT	\$37,004		\$0		\$37,004
6		SOURCE OF SUPPLY PLANT					
7	310.000	Land & Land Rights - SSP	\$7,335		\$0	100.00%	\$7,335
8	311.000	Structures & Improvements - SSP	\$0	P-1	\$93,243	100.00%	\$93,243
9		TOTAL SOURCE OF SUPPLY PLANT	\$7,335		\$93,243		\$100,578
10		COLLECTION PLANT					
11	352.100	Collection Sewers - Force	\$0		\$0	100.00%	\$0
12	352.200	Collection Sewers - Gravity	\$253,097		\$0	100.00%	\$253,097
13	353.000	Other Collection Plant Facilities	\$0		\$0	100.00%	\$0
14	354.000	Services to Customers	\$0		\$0	100.00%	\$0
15	355.000	Flow Measuring Devices	\$0		\$0	100.00%	\$0
16		TOTAL COLLECTION PLANT	\$253,097		\$0		\$253,097
17		PUMPING PLANT					
18	362.000	Receiving Wells and Pump Pits	\$0		\$0	100.00%	\$0
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0		\$0	100.00%	\$0
20		TOTAL PUMPING PLANT	\$0		\$0		\$0
21		TREATMENT & DISPOSAL PLANT					
22	371.000	Structures & Improvements	\$0		\$0	100.00%	\$0
23	372.000	Oxidation Lagoon	\$0		\$0	100.00%	\$0
24	373.000	Treatment & Disposal Equipment	\$184,625	P-2	\$178,657	100.00%	\$363,282
25	374.000	Plant Sewers	\$0		\$0	100.00%	\$0
26	375.000	Outfall Sewer Lines	\$0		\$0	100.00%	\$0
27	376.000	Other Treatment & Disposal Plant Equip.	\$0		\$0	100.00%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$184,625		\$178,657		\$363,282
29		GENERAL PLANT					
30	391.100	Office Furniture & Equipment (IT)	\$525	P-3	\$16	100.00%	\$541
31	391.200	Office Furniture & Equipment (Desks, Chairs, e	\$281	P-4	\$9	100.00%	\$290
32	391.700	Office Furniture & Equipment (Copier)	\$154	P-5	\$5	100.00%	\$159
33		Office Computer Equipment	\$0		\$0	100.00%	\$0
34	392.000	Transportation Equipment	\$0		\$0	100.00%	\$0
35	393.000	Other General Equipment	\$120		\$0	100.00%	\$120
36	397.000	Communication Equipment	\$0	P-6	\$10,356	100.00%	\$10,356
37		TOTAL GENERAL PLANT	\$1,080		\$10,386		\$11,466
38		TOTAL PLANT IN SERVICE	\$483,141		\$282,286		\$765,427

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Schedule of Adjustments for Plant in Service - Sewer

Plant Adjustment Number	Plant in Service Adjustment Description	Account Number	Adjustment Amount	Total Adjustment
P-1	Structures & Improvements - SSP	311.000		\$93,243
	Update plant through March 31, 2016		\$93,243	
			\$0	
P-2	Treatment & Disposal Equipment	373.000		\$178,657
	Update plant through March 31, 2016		\$317,126	
	Retire plant		-\$138,469	
P-3	Office Furniture & Equipment (IT)	391.100		\$16
	Update plant through March 31, 2016		\$16	
			\$0	
P-4	Office Furniture & Equipment (Desks, Chairs, etc.)	391.200		\$9
	Update plant through March 31, 2016		\$9	
			\$0	
P-5	Office Furniture & Equipment (Copier)	391.700		\$5
	Update plant through March 31, 2016		\$5	
			\$0	
P-6	Communication Equipment	397.000		\$10,356
	Update plant through March 31, 2016		\$10,356	
			\$0	
TOTAL PLANT ADJUSTMENTS				\$282,286

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Depreciation Expense

Line Number	Account Number	Plant Description	Adjusted Jurisdictional	Depreciation Rate	Depreciation Expense
1		INTANGIBLE PLANT			
2	301.000	Organization	\$34,769	0.0000%	\$0
3	302.000	Franchises	\$0	0.0000%	\$0
4	303.000	Miscellaneous Intangible Plant	\$2,235	0.0000%	\$0
5		TOTAL INTANGIBLE PLANT	<u>\$37,004</u>		<u>\$0</u>
6		SOURCE OF SUPPLY PLANT			
7	310.000	Land & Land Rights - SSP	\$7,335	0.0000%	\$0
8	311.000	Structures & Improvements - SSP	\$93,243	3.7000%	\$3,450
9		TOTAL SOURCE OF SUPPLY PLANT	<u>\$100,578</u>		<u>\$3,450</u>
10		COLLECTION PLANT			
11	352.100	Collection Sewers - Force	\$0	0.0000%	\$0
12	352.200	Collection Sewers - Gravity	\$253,097	2.0000%	\$5,062
13	353.000	Other Collection Plant Facilities	\$0	0.0000%	\$0
14	354.000	Services to Customers	\$0	0.0000%	\$0
15	355.000	Flow Measuring Devices	\$0	0.0000%	\$0
16		TOTAL COLLECTION PLANT	<u>\$253,097</u>		<u>\$5,062</u>
17		PUMPING PLANT			
18	362.000	Receiving Wells and Pump Pits	\$0	0.0000%	\$0
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0	0.0000%	\$0
20		TOTAL PUMPING PLANT	<u>\$0</u>		<u>\$0</u>
21		TREATMENT & DISPOSAL PLANT			
22	371.000	Structures & Improvements	\$0	0.0000%	\$0
23	372.000	Oxidation Lagoon	\$0	0.0000%	\$0
24	373.000	Treatment & Disposal Equipment	\$363,282	5.0000%	\$18,164
25	374.000	Plant Sewers	\$0	0.0000%	\$0
26	375.000	Outfall Sewer Lines	\$0	0.0000%	\$0
27	376.000	Other Treatment & Disposal Plant Equip.	\$0	0.0000%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	<u>\$363,282</u>		<u>\$18,164</u>
29		GENERAL PLANT			
30	391.100	Office Furniture & Equipment (IT)	\$541	14.3000%	\$77
31	391.200	Office Furniture & Equipment (Desks, Chairs, etc	\$290	5.0000%	\$15
32	391.700	Office Furniture & Equipment (Copier)	\$159	14.3000%	\$23
33	0.000	Office Computer Equipment	\$0	0.0000%	\$0
34	392.000	Transportation Equipment	\$0	0.0000%	\$0
35	393.000	Other General Equipment	\$120	5.0000%	\$6
36	397.000	Communication Equipment	\$10,356	6.7000%	\$694
37		TOTAL GENERAL PLANT	<u>\$11,466</u>		<u>\$814</u>
38		TOTAL PLANT DEPRECIATION EXPENSE	<u>\$765,427</u>		<u>\$27,490</u>

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Depreciation Reserve

Line Number	Account Number	Plant Description	Total Reserve	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$0		\$0	100.0000%	\$0
3	302.000	Franchises	\$0		\$0	100.0000%	\$0
4	303.000	Miscellaneous Intangible Plant	\$0		\$0	100.0000%	\$0
5		TOTAL INTANGIBLE PLANT	\$0		\$0		\$0
6		SOURCE OF SUPPLY PLANT					
7	310.000	Land & Land Rights - SSP	\$0		\$0	100.0000%	\$0
8	311.000	Structures & Improvements - SSP	\$0	R-1	\$291	100.0000%	\$291
9		TOTAL SOURCE OF SUPPLY PLANT	\$0		\$291		\$291
10		COLLECTION PLANT					
11	352.100	Collection Sewers - Force	\$0		\$0	100.0000%	\$0
12	352.200	Collection Sewers - Gravity	\$107,888	R-2	\$1,265	100.0000%	\$109,153
13	353.000	Other Collection Plant Facilities	\$0		\$0	100.0000%	\$0
14	354.000	Services to Customers	\$0		\$0	100.0000%	\$0
15	355.000	Flow Measuring Devices	\$0		\$0	100.0000%	\$0
16		TOTAL COLLECTION PLANT	\$107,888		\$1,265		\$109,153
17		PUMPING PLANT					
18	362.000	Receiving Wells and Pump Pits	\$0		\$0	100.0000%	\$0
19	363.000	Pumping Equipment (Elec., Diesel, other)	\$0		\$0	100.0000%	\$0
20		TOTAL PUMPING PLANT	\$0		\$0		\$0
21		TREATMENT & DISPOSAL PLANT					
22	371.000	Structures & Improvements	\$0		\$0	100.0000%	\$0
23	372.000	Oxidation Lagoon	\$0		\$0	100.0000%	\$0
24	373.000	Treatment & Disposal Equipment	\$139,134	R-3	(\$135,045)	100.0000%	\$4,089
25	374.000	Plant Sewers	\$0		\$0	100.0000%	\$0
26	375.000	Outfall Sewer Lines	\$0		\$0	100.0000%	\$0
27	376.000	Other Treatment & Disposal Plant Equip.	\$0		\$0	100.0000%	\$0
28		TOTAL TREATMENT & DISPOSAL PLANT	\$139,134		(\$135,045)		\$4,089
29		GENERAL PLANT					
30	391.100	Office Furniture & Equipment (IT)	\$38	R-4	\$19	100.0000%	\$57
31	391.200	Office Furniture & Equipment (Desks, Chairs,	\$7	R-5	\$4	100.0000%	\$11
32	391.700	Office Furniture & Equipment (Copier)	\$11	R-6	\$6	100.0000%	\$17
33	0.000	Office Computer Equipment	\$0		\$0	100.0000%	\$0
34	392.000	Transportation Equipment	\$0		\$0	100.0000%	\$0
35	393.000	Other General Equipment	\$15	R-7	\$2	100.0000%	\$17
36	397.000	Communication Equipment	\$85		\$0	100.0000%	\$85
37		TOTAL GENERAL PLANT	\$156		\$31		\$187
38		TOTAL DEPRECIATION RESERVE	\$247,178		(\$133,458)		\$113,720

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Adjustments to Depreciation Reserve

Reserve Adjustment Number	Accumulated Depreciation Reserve Adjustments Description	Account Number	Adjustment Amount	Total Adjustment Amount
R-1	Structures & Improvements - SSP	311.000		\$291
	Update depreciation reserve through March 31, 2016		\$291	
			\$0	
R-2	Collection Sewers - Gravity	352.200		\$1,265
	Update depreciation reserve through March 31, 2016		\$1,265	
			\$0	
R-3	Treatment & Disposal Equipment	373.000		-\$135,045
	Update depreciation reserve through March 31, 2016		\$3,424	
	retire plant		-\$138,469	
R-4	Office Furniture & Equipment (IT)	391.100		\$19
	Update depreciation reserve through March 31, 2016		\$19	
R-5	Office Furniture & Equipment (Desks, Chairs, etc.)	391.200		\$4
	Update depreciation reserve through March 31, 2016		\$4	
R-6	Office Furniture & Equipment (Copier)	391.700		\$6
	Update depreciation reserve through March 31, 2016		\$6	
R-7	Other General Equipment	393.000		\$2
	Update depreciation reserve through March 31, 2016		\$2	
TOTAL RESERVE ADJUSTMENTS				<u><u>-\$133,489</u></u>

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Revenue Schedule - Sewer

Line Number	Account Number	Revenue Description	Company/ Test Year Amount	Adjustment Number	Jurisdictional Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
ANNUALIZED REVENUES							
Rev-1		Annualized Rate Revenues	\$113,464		(\$58,616)	100.00%	\$54,848
Rev-2		Miscellaneous Revenues	\$0		\$1,155	100.00%	\$1,155
TOTAL ANNUALIZED REVENUES			\$113,464		(\$57,461)		\$56,003

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Revenue Adjustment Schedule - Sewer

Revenue Adjustment Number	Adjustment Description	Account Number	Adjustment Amount	Total Adjustment Amount
Rev-1	Annualized Rate Revenues			-\$58,616
	Adjust revenues to WSS only		-\$58,616	
	Description		\$0	
Rev-2	Miscellaneous Revenues			\$1,155
	Description		\$1,155	
	Description		\$0	
TOTAL REVENUES ADJUSTMENTS				-\$57,461

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Rate Revenue Feeder Schedule - Sewer

Line Number	Description	West 16th								Total	
		Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
1	<u>Customer Charge Revenues:</u>										
2	Customer Number	173		0		0		0		173	
3	Bills Per Year	12		12		12		12			
4	Customer Bills Per Year	2,076		0		0		0		2,076	
5	Current Customer Charge	<u>\$26.42</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>			
6	Annualized Customer Charge Revenues		\$54,848		\$0		\$0		\$0		\$54,848
7	<u>Commodity Charge Revenues:</u>										
8	Total Gallons Sold	0		0		0		0		0	
9	Less: Base Gallons Included in Customer Charge	<u>0</u>		<u>0</u>		<u>0</u>		<u>0</u>		0	
10	Commodity Gallons	0		0		0		0		0	
11	Block 1, Commodity Gallons per Block	0		0		0		0			
12	Block 1, Number of Commodity Gallons per Unit	1,000		1,000		1,000		1,000			
13	Block 1, Commodity Billing Units	0		0		0		0			
14	Block 1, Existing Commodity Charge	<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>		<u>\$0.00</u>			
15	Block 1, Annualized Commodity Charge Rev.		\$0		\$0		\$0		\$0		\$0
16	TOTAL ANNUALIZED SEWER RATE REVENUES		\$54,848		\$0		\$0		\$0		\$54,848

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Miscellaneous Revenues Feeder - Sewer

Line Number	Description	Amount
1	Late Charge Fees	\$1,155
2	Other	\$0
3	TOTAL MISCELLANEOUS REVENUES	<u>\$1,155</u>

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number SR-2016-0202
Test Year Ending 12/31/2015, Update 3/31/2016
Expense Schedule - Sewer

Line Number	Account Number	Expense Description	Company/ Test Year Amount	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
1		OPERATIONS EXPENSES					
2	742.000	Treatment Labor & Expense	\$21,690	E-1	(\$2,046)	100.00%	\$19,644
3	743.000	Fuel & Power for Pumping	\$20,312	E-2	(\$15,899)	100.00%	\$4,413
4	744.000	Miscellaneous Expenses	\$0		\$0	100.00%	\$0
5		TOTAL OPERATIONS EXPENSE	\$42,002		(\$17,945)		\$24,057
6		MAINTENANCE EXPENSES					
7	713.000	Maintenance of Services to Customers	\$72	E-8	(\$72)	100.00%	\$0
8	752.000	Repairs & Maintenance	\$17,201	E-3	(\$17,201)	100.00%	\$0
9		TOTAL MAINTENANCE EXPENSE	\$17,273		(\$17,273)		\$0
10		CUSTOMER ACCOUNT EXPENSE					
11	903.100	Customer Billing	\$10,530	E-4	(\$6,378)	100.00%	\$4,152
12	903.200	Postage	\$168	E-5	\$128	100.00%	\$296
13	903.200	Postage - CSWR 13.46%	\$500	E-5.1	(\$374)	100.00%	\$126
14	903.280	Bank Fees	\$4,762	E-6	(\$3,081)	100.00%	\$1,681
15	904.000	Uncollectible Accounts	\$3,304	E-7	(\$2,777)	100.00%	\$527
16	907.000	Advertising Expense	\$442	E-9	(\$417)	100.00%	\$25
17		TOTAL CUSTOMER ACCOUNT EXPENSE	\$19,706		(\$12,900)		\$6,806
18		ADMINISTRATIVE & GENERAL EXPENSES					
19	920.000	Administration & General Salary	\$266,451	E-10	(\$257,871)	100.00%	\$8,580
20	921.110	Travel Expense	\$30,739	E-11	(\$30,053)	100.00%	\$686
21	921.500	Telephone Expense - CSWR 13.46%	\$4,917	E-12	(\$4,703)	100.00%	\$214
22	921.800	Office Supplies - CSWR 13.46%	\$5,237	E-13	(\$4,934)	100.00%	\$303
23	921.800	Office Supplies	\$263	E-14	(\$250)	100.00%	\$13
24	923.400	Outside Services (Legal Fees) - CSWR 13.46%	\$1,906	E-15	(\$1,828)	100.00%	\$78
25	923.400	Outside Services (Legal Fees)	\$11,153	E-16	(\$8,876)	100.00%	\$2,277
26	923.500	Outside Services (Accounting) - CSWR 13.46%	\$2,330	E-17	(\$2,315)	100.00%	\$15
27	923.600	Outside Services (Mgmt Consult) - CSWR 13.46%	\$26,906	E-18	(\$26,356)	100.00%	\$550
28	923.800	Outside Services (Payroll Fees) - CSWR 13.46%	\$1,340	E-19	(\$1,277)	100.00%	\$63
29	923.900	Outside Services (IT) - CSWR 13.46%	\$1,871	E-20	(\$1,734)	100.00%	\$137
30	924.200	Insurance (Professional Liability)	\$25,716	E-21	(\$20,593)	100.00%	\$5,123
31	924.300	Insurance (Worker's Comp) - CSWR 13.46%	\$1,567	E-22	(\$1,497)	100.00%	\$70
32	924.400	Insurance (Commercial)	\$32,753	E-23	(\$26,228)	100.00%	\$6,525
33	926.100	Employee Benefits (Keyman)	\$0		\$0	100.00%	\$0
34	926.200	Employee Benefits (Healthcare) - CSWR 13.46%	\$51,310	E-24	(\$48,821)	100.00%	\$2,489
35	926.300	Employee Benefits (401k)	\$37,142	E-25	(\$36,855)	100.00%	\$287
36	926.400	Employee Benefits (Life/STD/LTD/ADD)	\$5,150	E-26	(\$3,914)	100.00%	\$1,236
37	931.000	Rent Expense - CSWR 13.46%	\$81,240	E-27	(\$77,332)	100.00%	\$3,908
38		TOTAL ADMINISTRATIVE & GENERAL	\$587,991		(\$555,436)		\$32,555
39		OTHER OPERATING EXPENSES					
40	408.000	Amortize Account 301 over 10 years	\$0	E-37	\$3,477	100.00%	\$3,477
41	408.000	Amortize Account 303 over 20 years	\$0	E-28	\$112	100.00%	\$112
42	928.000	Rate Case Expense	\$0	E-29	\$232	100.00%	\$232
43	928.100	MO DNR Fees	\$3,000		\$0	100.00%	\$3,000
44	928.200	PSC Assessment	\$7,459	E-30	(\$7,048)	100.00%	\$411
45	928.400	Permits & Fees	\$1,871	E-31	(\$1,867)	100.00%	\$4
46		Depreciation	\$144	E-32	\$27,346	100.00%	\$27,490
47		CIAC Depreciation	(\$119)	E-33	(\$5,917)	100.00%	(\$6,036)
48		TOTAL OTHER OPERATING EXPENSES	\$12,355		\$16,336		\$28,691
49		TAXES OTHER THAN INCOME					
50	408.120	SS & Medicare Taxes	\$45,742	E-34	(\$45,011)	100.00%	\$731
51	408.140	SUTA & FUTA Taxes	\$997	E-35	(\$620)	100.00%	\$377
52	408.160	Personal Property Taxes - CSWR 13.46%	\$75	E-36	\$236	100.00%	\$311
53		TOTAL TAXES OTHER THAN INCOME	\$46,814		(\$45,395)		\$1,419
54		TOTAL OPERATING EXPENSES	\$726,141		(\$632,612)		\$93,529

Raccoon Creek Utility Operating Company, Inc.
System - West 16th Street
Case Number 19-2310-0302
Test Year Ending 12/31/2015, Update 3/31/2016
Expense Adjustment Schedule - Sewer

Expense Adjustment Number	Adjustment Description	Account Number	Adjustment Amount	Total Adjustment Amount
E-1	Treatment Labor & Expense	742.000		(\$2,046)
	Adjust treatment labor to reflect WSS only		(\$2,046)	
	Description		\$0	
E-2	Fuel & Power for Pumping	743.000		(\$15,899)
	Adjust pumping expense to reflect WSS only		(\$15,899)	
	Description		\$0	
E-3	Repairs & Maintenance	753.000		(\$17,305)
	Adjust repairs & maint to reflect WSS only		(\$17,305)	
	Description		\$0	
E-4	Customer Billing	903.100		(\$6,378)
	Adjust customer billing to reflect WSS only		(\$6,378)	
	Description		\$0	
E-5	Postage	903.200		(\$128)
	Adjust postage to reflect WSS only		(\$128)	
	Description		\$0	
E-5.1	Postage - CSWR 13.46%	903.200		(\$174)
	Adjust postage to reflect WSS only		(\$174)	
	Description		\$0	
E-6	Bank Fees	903.380		(\$3,081)
	Adjust bank fees to reflect WSS only		(\$3,081)	
	Description		\$0	
E-7	Uncollectible Accounts	904.000		(\$2,777)
	Adjust uncollectibles to reflect WSS only		(\$2,777)	
	Description		\$0	
E-8	Maintenance of Services to Customers	713.000		(\$72)
	Adjust maint of services to customers to reflect WSS only		(\$72)	
	Description		\$0	
E-9	Advertising Expense	907.000		(\$417)
	Adjust advertising to reflect WSS only		(\$417)	
	Description		\$0	
E-10	Administration & General Salary	920.000		(\$217,871)
	Adjust payroll to WSS		(\$217,871)	
	Description		\$0	
E-11	Travel Expense	921.130		(\$80,053)
	Adjust telephone expense to reflect WSS only		(\$80,053)	
	Description		\$0	
E-12	Telephone Expense - CSWR 13.46%	921.500		(\$4,703)
	Adjust telephone expense to reflect WSS only		(\$4,703)	
	Description		\$0	
E-13	Office Supplies - CSWR 13.46%	921.800		(\$4,934)
	Adjust payroll fees to reflect WSS only		(\$4,934)	
	Description		\$0	
E-14	Office Supplies	923.100		(\$210)
	Adjust accounting fees to reflect WSS only		(\$210)	
	Description		\$0	
E-15	Outside Services (Legal Fees) - CSWR 13.46%	923.400		(\$1,828)
	Adjust legal fees to reflect WSS only		(\$1,828)	
	Description		\$0	
E-16	Outside Services (Legal Fees)	923.400		(\$8,876)
	Adjust legal fees to reflect WSS only		(\$8,876)	
	Description		\$0	
E-17	Outside Services (Accounting) - CSWR 13.46%	923.500		(\$2,315)
	Adjust accounting fees to reflect WSS only		(\$2,315)	
	Description		\$0	
E-18	Outside Services (Mgmt Consult) - CSWR 13.46%	923.600		(\$26,356)
	Adjust mgmt consulting fees to reflect WSS only		(\$26,356)	
	Description		\$0	
E-19	Outside Services (Payroll Fees) - CSWR 13.46%	923.800		(\$1,277)
	Adjust payroll fees to reflect WSS only		(\$1,277)	
	Description		\$0	
E-20	Outside Services (IT) - CSWR 13.46%	923.900		(\$1,734)
	Adjust mgmt consulting fees to reflect WSS only		(\$1,734)	
	Description		\$0	
E-21	Insurance (Professional Liability)	924.200		(\$80,593)
	Adjust prof liab insurance to reflect WSS only		(\$80,593)	
	Description		\$0	
E-22	Insurance (Worker's Comp) - CSWR 13.46%	924.300		(\$1,487)
	Adjust worker's comp insurance to reflect WSS only		(\$1,487)	
	Description		\$0	
E-23	Insurance (Commercial)	924.400		(\$26,228)
	Adjust commercial insurance to reflect WSS only		(\$26,228)	
	Description		\$0	
E-24	Employee Benefits (Healthcare) - CSWR 13.46%	926.200		(\$46,821)
	Adjust healthcare benefits to reflect WSS only		(\$46,821)	
	Description		\$0	
E-25	Employee Benefits (401K)	926.300		(\$36,805)
	Adjust 401k benefits to reflect WSS only		(\$36,805)	
	Description		\$0	
E-26	Employee Benefits (Life/STD/LTD/AD&D)	926.400		(\$3,914)
	Adjust Life/STD/LTD/AD&D benefits to reflect WSS only		(\$3,914)	
	Description		\$0	
E-27	Rent Expense - CSWR 13.46%	931.000		(\$77,332)
	Adjust rent expense to WSS only		(\$77,332)	
	Description		\$0	
E-28	American Account 303 over 20 years	408.000		(\$112)
	American plant over 20 years		(\$112)	
	Description		\$0	
E-29	Rate Case Expense	928.000		(\$232)
	Adjust rate case expense for WSS		(\$232)	
	Description		\$0	
E-30	PSC Assessment	928.200		(\$7,048)
	Adjust to current PSC Assessment fees for WSS		(\$7,048)	
	Description		\$0	
E-31	Permits & Fees	928.400		(\$1,867)
	Adjust Permits & Fees to WSS only		(\$1,867)	
	Description		\$0	
E-32	Depreciation			\$27,515
	Adjust depreciation expense for WSS		\$27,515	
	Description		\$0	
E-33	CAC Depreciation			(\$5,917)
	Adjust CAC amortization		(\$5,917)	
	Description		\$0	
E-34	SS & Medicare Taxes	408.120		(\$45,011)
	Adjust payroll taxes		(\$45,011)	
	Description		\$0	
E-35	307A & 307A Taxes	408.140		(\$60)
	Adjust payroll taxes		(\$60)	
	Description		\$0	
E-36	Personal Property Taxes - CSWR 13.46%	408.160		(\$73)
	Adjust property taxes		(\$73)	
	Taxes paid in January 2016		\$309	
E-37	American Account 303 over 20 years	408.000		(\$1,477)
	American plant over 20 years		(\$1,477)	
	Description		\$0	
TOTAL EXPENSE ADJUSTMENTS				(\$15,177)