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

)

)

In the Matter of the Application of KMB Utility Corporation for a Sewer Rate Increase

Case No. SR-2010-0346

# NOTICE OF AGREEMENT REGARDING DISPOSITION OF SMALL COMPANY RATE INCREASE REQUEST

**COMES NOW** the Staff of the Missouri Public Service Commission ("Staff"), by and through counsel, and for its *Notice of Agreement Regarding Disposition of Small Company Rate Increase Request* ("Agreement Notice") states as follows:

1. On May 21, 2010, the Missouri Public Service Commission ("the Commission") received a Rate Increase Request Letter ("Request Letter") from KMB Utility Corporation ("KMB" or "the Company").

 In its Request Letter, KMB requested Commission approval of an increase of \$12,100 in its annual sewer system operating revenues pursuant to Commission Rule 4 CSR 240-3.050.

3. Upon completion of its investigation of the Company's request, Staff provided KMB and the Office of the Public Counsel ("Public Counsel") with materials related to Staff's investigation, as well as Staff's initial recommendations for the resolution of the revenue increase request.

4. Pursuant to negotiations held subsequent to the Company's and Public Counsel's receipt of the above-referenced information regarding Staff's investigation of the Company's Request, Staff and KMB were able to reach an agreement ("Company/Staff Disposition Agreement") regarding a resolution of the Company's request. This agreement provides for an

overall agreed-upon operating revenue increase of \$1,905. The agreement, among other things, also prescribes a schedule of depreciation rates and requires the Company to implement certain agreed-upon Staff recommendations.

5. Included in Appendix A, attached and incorporated by reference herein, is a copy of the above-referenced Company/Staff Disposition Agreement, as well as various attachments related to the Company/Staff Disposition Agreement. Additionally, Appendix A contains affidavits from Staff members that participated in the investigation of the Company's request.

6. Pursuant to Commission Rule 4 CSR 240-3.050, governing disposition agreements executed between Staff and small utility companies utilizing the small utility rate case procedure, KMB will file tariff sheets seeking to implement the terms of the Company/Staff Disposition Agreement. The tariff sheets will be filed December 13, 2010, and will bear an effective date of February 1, 2011, which, as required by Commission Rule 4 CSR 240-3.050(14), is not fewer than forty-five (45) days after they are filed.

7. KMB is current in its payment of Commission assessments and on its filings of annual reports and statements of revenue.

**WHEREFORE**, Staff respectfully submits this *Agreement Notice* and the attached Appendix A for the Commission's information and consideration in this case and requests that the Commission enter an Order adopting the terms agreed upon by Staff and the Company.

Respectfully submitted,

# /S/ RACHEL M. LEWIS

Rachel M. Lewis Deputy Counsel Missouri Bar No. 56073

Attorney for the Staff of the Missouri Public Service Commission P. O. Box 360 Jefferson City, MO 65102 (573) 526.6715 (Telephone) (573) 751-9285 (Fax) rachel.lewis@psc.mo.gov

# **CERTIFICATE OF SERVICE**

I hereby certify that copies of the foregoing have been mailed, hand-delivered, transmitted by facsimile or electronically mailed to all counsel of record this 9th day of December, 2010.

# /s/ RACHEL M. LEWIS

# APPENDIX A

# STAFF PARTICIPANT AFFIDAVITS AND DISPOSITION AGREEMENT & ATTACHMENTS

# CASE NO. SR-2010-0346

Note: To browse through this document by item, click on the "Bookmark" tab at the top of the menu bar to the left of the screen and then click on the item that you want to see.

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# Staff Participant Affidavits

James M. Russo – Water & Sewer Department

Roberta Grissum-Department

John Robinett – Engineering & Management Services Department

Deborah Bernsen – Engineering & Management Services Department

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

#### AFFIDAVIT OF JAMES M. RUSSO

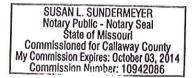
STATE OF MISSOURI	)	
	) SS	CASE NO. SR-2010-0346
COUNTY OF COLE	)	

**COMES NOW** James M. Russo, being of lawful age, and on his oath states the following: (1) that he is the Rate and Tariff Examination Supervisor of the Missouri Public Service Commission's Water & Sewer Department; (2) that he participated in the Staff's investigation of the small company rate increase request that is the subject of the instant case; (3) that he has knowledge of the foregoing *Company/Staff Agreement Regarding Disposition of Small Sewer Company Rate Increase Request ("Disposition Agreement"*); (4) that he was responsible for the preparation of Attachments, A, C, D, E, and I to the Disposition Agreement; (5) that he has knowledge of the matters set forth in the Disposition Agreement and the above-referenced attachments thereto; and (6) that the matters set forth in the Disposition Agreement and the above-referenced attachments thereto are true and correct to the best of his knowledge, information and belief.

James M. Russo Rate & Tariff Examination Supervisor Water and Sewer Department

Subscribed and sworn to before me this 7<sup>th</sup> day of December, 2010.

Notary Public



## **BEFORE THE PUBLIC SERVICE COMMISSION**

### **OF THE STATE OF MISSOURI**

# **AFFIDAVIT OF ROBERTA A. GRISSUM**

STATE OF MISSOURI		)	
COUNTY OF <u>At</u> . Louis	SS.	) ) )	Case No. SR-2010-0346

**COMES NOW** Roberta A. Grissum, being of lawful age, and on her oath states the following: (1) that she is a(n) Utility Regulatory Auditor in the Missouri Public Service Commission's Auditing Department; (2) that she participated in the Staff's investigation of the small company rate increase request that is the subject of the instant case; (3) that she has knowledge of the foregoing *Company/Staff Agreement Regarding Disposition of Small Sewer Company Rate Increase Request* ("Disposition Agreement"); (4) that she was responsible for the preparation of Attachments B and G to the Disposition Agreement; (5) that she has knowledge of the matters set forth in Attachments B and G to the Disposition Agreement are true and correct to the best of her knowledge, information, and belief.

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Roberta A. Grissum Utility Regulatory Auditor IV Auditing Department

Subscribed and sworn to before me this  $\begin{pmatrix} 7\mu \\ 0 \end{pmatrix}$  day of October, 2010.

LISA K. HANNEKEN Notary Public - Notary Seal State of Missouri Commissioned for Franklin County My Commission Expires: April 27, 2014 Commission Number: 10967138

Notary Public

### **BEFORE THE PUBLIC SERVICE COMMISSION**

## **OF THE STATE OF MISSOURI**

## AFFIDAVIT OF JOHN A. ROBINETT

STATE OF MISSOURI		)
	SS.	)
COUNTY OF COLE		)
		)

Case No. SR-2010-0346

**COMES NOW** John A. Robinett, being of lawful age, and on his oath states the following: (1) that he is a(n) ) Utility Regulatory Specialist in the Missouri Public Service Commission's Engineering & Management Services Department; (2) that he participated in the Staff's investigation of the small company rate increase request that is the subject of the instant case; (3) that he has knowledge of the foregoing *Company/Staff Agreement Regarding Disposition of Small Sewer Company Rate Increase Request* ("Disposition Agreement"); (4) that he was responsible for the preparation of Attachment F to the Disposition Agreement; (5) that he has knowledge of the matters set forth in Attachment F to the Disposition Agreement; and (6) that the matters set forth in Attachment F to the Disposition Agreement; and correct to the best of his knowledge, information, and belief.

John a. Robinett

John A. Robinett Utility Regulatory Specialist Engineering & Management Services Department

Subscribed and sworn to before me this

day of October, 2010.

**D. SUZIE MANKIN** Notary Public - Notary Seal State of Missouri Commissioned for Cole County My Commission Expires: December 08, 2012 Commission Number: 08412071

lankin

Notacy Public

# **BEFORE THE PUBLIC SERVICE COMMISSION**

# OF THE STATE OF MISSOURI

## AFFIDAVIT OF DEBORAH A. BERNSEN

STATE OF MISSOURI ) ss. ) COUNTY OF COLE )

Case No. SR-2010-0346

**COMES NOW** Deborah A. Bernsen, being of lawful age, and on her oath states the following: (1) that she is a Utility Management Analyst III in the Missouri Public Service Commission's Engineering & Management Services Department; (2) that she participated in the Staff's investigation of the small company rate increase request that is the subject of the instant case; (3) that she has knowledge of the foregoing *Company/Staff Agreement Regarding Disposition of Small Sewer Company Rate Increase Request* ("Disposition Agreement"); (4) that she was responsible for the preparation of Attachment H to the Disposition Agreement; (5) that she has knowledge of the matters set forth in Attachment H to the Disposition Agreement; and (6) that the matters set forth in Attachment H to the Disposition Agreement are true and correct to the best of her knowledge, information, and belief.

Deborah A. Bernsen Utility Management Analyst III Engineering & Management Services Department

Subscribed and sworn to before me this

\_\_\_\_ day of October, 2010.

D. SUZIE MANKIN Notary Public - Notary Seal State of Missouri Commissioned for Cole County My Commission Expires: December 08, 2012 Commission Number: 08412071

<u>sellankin</u>

Notary Public

Company/Staff Disposition Agreement

# <u>COMPANY/STAFF AGREEMENT REGARDING DISPOSITION</u> OF SMALL SEWER COMPANY REVENUE INCREASE REQUEST

## **KMB UTILITY CORPORATION**

## MO PSC CASE NO. SR-2010-0346

## BACKGROUND

KMB Utility Corporation ("KMB or Company") initiated the small company revenue increase request ("Request") for sewer service that is the subject of the above-referenced Missouri Public Service Commission ("Commission") Case Number by submitting a letter to the Secretary of the Commission in accordance with the provisions of Commission Rule 4 CSR 240-3.050, Small Utility Rate Case Procedure ("Small Company Procedure"). In its request letter, which was received at the Commission's offices on May 21, 2010, the Company set forth its request for an increase of \$12,100 in its total annual sewer service operating revenues. In its request letter, the Company also acknowledged that the design of its customer rates, its service charges, its customer service practices, its general business practices and its general tariff provisions would be reviewed during the Commission Staff's ("Staff") review of the revenue increase request, and could thus be the subject of Staff recommendations. The Company provides service to approximately 218 residential customers in the Cape Rock subdivision near Cape Girardeau, Missouri.

Pursuant to the provisions of the Small Company Procedure and related internal operating procedures, Staff initiated an audit of the Company's books and records, a review of the Company's customer service and general business practices, a review of the Company's existing tariff, an inspection of the Company's facilities and a review of the Company's operation of its facilities. (These activities are collectively referred to hereinafter as Staff's "investigation" of the Company's Request.)

Upon completion of Staff's investigation of the Company's Request, Staff provided the Company and the Office of the Public Counsel ("OPC") with the results of the investigation, with Staff's initial recommendations for the resolution of the Company's Request, and with other information regarding Staff's investigation.

Normally, Staff is required to file a disposition agreement between at least the staff and the Company within one hundred fifty (150) days after a case is opened. 4 CSR 240-3.050(11). However, Staff and the Company may agree that the deadlines be extended for up to two (2)

Small Company Revenue Increase Disposition Agreement MO PSC Case No. SR-2010-0346 KMB Utility Corporation – Page 2 of 6 Pages

months. 4 CSR 240.3.050(12). In this case the Company and Staff requested an extension of time for the Company to complete necessary improvements to the lift station located in Cape Rock Village. This request was approved by the Commission on October 20, 2010. Staff and the Company have reached this agreement after the improvements to the lift station were completed.

# **RESOLUTION OF THE COMPANY'S RATE INCREASE REQUEST**

Pursuant to negotiations held subsequent to the Company's and OPC's receipt of the above-referenced information regarding Staff's investigation of the Company's Request, Staff and the Company hereby state the following agreements:

(1) For the purpose of implementing the agreements set out herein, the Company will file with the Commission proposed tariff revisions containing the rates, charges and language set out in the example tariff sheet attached hereto as Attachment A and incorporated by reference herein, with those proposed tariff revisions bearing an effective date of February 1, 2011;

(2) Except as otherwise noted in the agreements below, both the Exhibit Modeling System ("EMS"), attached hereto as Attachment B and incorporated by reference herein, and the ratemaking income statement attached hereto as Attachment C and incorporated by reference herein, accurately reflect the Company's annualized revenues generated by its current customer rates, the agreed-upon total annualized cost of service for the Company, and the resulting agreed-upon annualized operating revenue increase of \$1,905 is just and reasonable and designed to recover the Company's cost of service;

(3) The audit workpapers attached hereto as Attachment B and incorporated by reference herein, which include consideration of a capital structure of 100% equity for the Company and a return on that equity of 9.02%, accurately reflect the agreed-upon total annualized cost of service for the Company and provide the basis for the ratemaking income statement referenced in item (2) above;

(4) The rates set out in the attached example tariff sheet, the development of which is shown on the rate design worksheet attached hereto as Attachment D and incorporated by reference herein, are designed to generate revenues sufficient to recover the agreed-upon total annualized cost of service for the Company;

(5) The rates included in the attached example tariff sheet will result in the residential customer impacts shown on the billing comparison worksheet attached hereto as Attachment E and incorporated by reference herein;

(6) The rates included in the attached example tariff sheet are just and reasonable, and that the provisions of the attached example tariff sheet also properly reflect all other agreements set out herein, where necessary;

(7) The schedule of depreciation rates attached hereto as Attachment F and incorporated herein, which includes the depreciation rates used by Staff in its revenue requirement analysis, shall be the prescribed schedule of sewer plant depreciation rates for the Company;

(8) The Commission's Auditing Department conducted an audit of the Company's books and records using a test year consisting of the 12-month period ending May 31, 2010 to base the revenue requirement calculation. All revenues, expenses, and rate base investment were reviewed through this period. The audit findings and recommendations are identified hereto as Attachment G and incorporated by reference herein.

Staff provided the Company and OPC its initial recommendations of the revenue increase for the resolution of the Company's request and Staff's EMS run. The work papers supporting the revenue requirement calculation were also provided to the Company and OPC with the results of its investigation regarding the proposed rate increase;

(9) Within ninety (90) days of the effective date of an order approving this Company/Staff Disposition Agreement, the Company shall implement the following recommendations from the Auditing Department and Depreciation Staff associated with EMSD:

- a. The Company shall maintain and retain proper plant and Contribution in Aid of Construction ("CIAC") records;
- b. The Company shall adjust its books and records to reflect the plant and reserve account balances shown in the Staff EMS exhibit, attached hereto as Attachment B and incorporated by reference herein;
- c. The Company shall adjust its books and records to reflect the CIAC and the amortized CIAC account balances shown in the Staff EMS exhibit, attached hereto as Attachment B and incorporated by reference herein;
- d. The Company shall implement a work order system to track material cost, labor cost, overhead cost, and record cost of removal and gross salvage for all new, replaced or retired plant; and
- e. The Company shall follow National Association of Regulatory Utility Commissioners' ("NARUC") Uniform System of Accounts ("USOA") guidelines for the recording of cost of removal and gross salvage in the Company ledger as adjustments to plant and reserves;

(10) Within ninety (90) days of the effective date of an order approving this Company/Staff Disposition Agreement, the Company shall implement the recommendations contained in the EMSD Report attached hereto as Attachment H and incorporated by reference herein. The recommendation is the Company shall pursue the feasibility of a cooperative agreement with the City of Cape Girardeau to terminate water service for delinquent sewer bills; (11) Within ninety (90) days of the effective date of an order approving this Company/Staff Disposition Agreement, the Company shall implement the recommendations contained in the Auditing Department Recommendation Memorandum identified hereto as Attachment G and incorporated by reference herein. The recommendation is the Company shall obtain assistance from Staff in preparing the Company's 2010 PSC Annual Report;

(12) The Company shall mail its customers a final written notice of the rates and charges included in its proposed tariff revisions prior to or with its next billing cycle after issuance of the Commission Order approving the terms of this Company/Staff Disposition Agreement. The notice shall include a summary of the impact of the proposed rates on an average residential customer's bill. When the Company mails the notice to its customers, it shall also send a copy to Staff Case Coordinator who will file a copy in this case;

(13) Staff may conduct follow-up reviews of the Company's operations to ensure that the Company has complied with the provisions of this Company/Staff Disposition Agreement;

(14) Staff may file a formal complaint against the Company, if the Company does not comply with the provisions of this Disposition Agreement;

(15) The Company agrees that it has read the foregoing Company/Staff Agreement Regarding Disposition of Small Sewer Company Revenue Increase Request; that facts stated therein are true and accurate to the best of the Company's knowledge and belief; that the foregoing conditions accurately reflect the agreement reached between the Company and Staff; and that the Company freely and voluntarily enters into this agreement; and

(16) The above agreements satisfactorily resolve all issues identified by Staff and the Company regarding the Company's Request, except as otherwise specifically stated herein.

# ADDITIONAL MATTERS

Other than the specific conditions agreed upon and expressly set out herein, the terms of this Company/Staff Disposition Agreement reflect compromises between Staff and the Company. In arriving at the amount of the annual operating revenue increase specified herein neither party has agreed to any particular ratemaking principle.

Staff has completed a Summary of Case Events and has included that summary as Attachment I to this Company/Staff Disposition Agreement.

Small Company Revenue Increase Disposition Agreement MO PSC Case No. SR-2010-0346 KMB Utility Corporation – Page 5 of 6 Pages

The Company acknowledges that the Staff will be filing this Company/Staff Disposition Agreement and the attachments hereto. The Company also acknowledges that Staff may make other filings in this case.

Additionally, the Company agrees that subject to the rules governing practice before the Commission that Staff shall have the right to provide whatever oral explanation the Commission may request regarding this Company/Staff Disposition Agreement at any agenda meeting at which this case is noticed to be considered by the Commission. Subject to the rules governing practice before the Commission, Staff will be available to answer Commission questions regarding this Company/Staff Disposition Agreement. To the extent reasonably practicable, Staff shall provide the Company with advanced notice of any such agenda meeting so that they may have the opportunity to be present and/or represented at the meeting.

Small Company Revenue Increase Disposition Agreement MO PSC Case No. SR-2010-0346 KMB Utility Corporation - Page 6 of 6 Pages

### SIGNATURES

Agreement Signed and Dated:

Ann Rudy

Owner KMB Litility Corpora

James Busch

- 7 , 2010 Date

Manager Water & Sewer Department Missouri Public Service Commission Staff

#### List of Attachments

Attachment A - Example Tariff Sheets

Attachment B -- EMS

Attachment C-Ratemaking Income Statement

Attachment D - Rate Design Worksheet

Attachment B - Billing Comparison Worksheet

Attachment F - Schedule of Depreciation Rates

Attachment G - Auditing Department Recommendation Memoral dum

Attachment H - EMSD Report

Attachment I - Summary of Events

Agreement Attachment A

Example Tariff Sheets

P.S.C. MO No. 1

Canceling P.S.C. MO No. 1

<u>KMB Utility Corporation</u> Name of Issuing Company 7th Revised Sheet No. 5

6<u>th</u> Revised Sheet No. 5

For: <u>Cape Rock Village (Cape Girardeau County</u> Certificated Service Area

# Rules & Regulations Rendering of Sewer Service

# **SCHEDULE OF SEWER RATES**

Sewer Rate Schedule A: Single Family Dwelling Availability: The following rate is applicable to single family residences, including mobile homes not located in mobile home parks, and is applicable to all customers located in the Company's Cape Rock Village certificated service area and adjacent to the Company's collection sewer. Customer Charge \$27.60 per month + The Customer Charge will be billed each customer monthly. Sewer Rate Schedule B: Multi-Family Dwelling Availability: The following rate is applicable to each rental unit of a multiple family dwelling and for individual mobile homes located in mobile home parks, where customers are located in the Company's Cape Rock Village certificated service area and adjacent to the Company's collection sewer. \$22.08 per month +Customer Charge The Customer Charge will be billed each customer monthly. Taxes: Any applicable Federal, State or local taxes shall be in addition to above charges. Late Charges: Billings will be made and distributed at monthly intervals. Bills will be rendered net, bearing the last date on which payment will then be considered delinquent. The period after which payment will then be considered delinquent is 21 days after rendition of the bill. A charge of \$5.00 or three percent (3%) per month times the unpaid balance, whichever is more, will be added to delinquent amounts. Returned Check Charge A returned check charge of \$20 per check will be paid on all checks returned from the bank for insufficient funds. \* Indicates New Rate or Text + Indicates Changed Rate or Text Issue Date: December 13, 2010 Effective Date: February 1, 2011 Month/Day/Year Month/Day/Year

Issued By: <u>Ann Rudy President</u> Name & Title of Issuing Officer 510 Dulin Creek Road House Springs MO 63501 Company Mailing Address Agreement Attachment B

# EMS Run

Exhibit No.: Issue: Accounting Schedules Witness: Roberta Grissum Sponsoring Party: MO PSC Staff Case No: SR-2010-0346 Date Prepared: 7/19/2010



# **MISSOURI PUBLIC SERVICE COMMISSION**

# **UTILITY SERVICES DIVISION**

# STAFF ACCOUNTING SCHEDULES

# CAPE ROCK VILLAGE SEWER

# CASE NO. SR-2010-0346

Jefferson City, Missouri

July 2010

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Rate Design Schedule - Sewer

	Δ	<u>B</u> Account	<u>c</u>	D	E	<u>F</u>
Line	Departation	Number	Staff	Customer -	Commodite :	Percentage
Number	Description	(Optional)	Annualized	Charge	Commodity	Rate
Rev-1	ANNUALIZED REVENUES					
Rev-2	Annualized Rate Revenues	(1)	\$66,450			
Rev-3	Miscellaneous Revenues	(1) _	\$3,115			
Rev-4	TOTAL ANNUALIZED REVENUES	-	\$69,565			
1	OPERATIONS EXPENSES	(2)				
2	Management Salary		\$6,439	\$0	\$6,439	0.00%
3 4	Hourly Employees Contract Operator - Strickland Engineering		\$2,226 \$6,505	\$0 \$0	\$2,226 \$6,505	0.00% 0.00%
5	Electricity - Pumping Treatment		\$0,505	\$0 \$0	\$0,505 \$4,451	0.00%
6	TOTAL OPERATIONS EXPENSE	-	\$19,621	\$0	\$19,621	0.0078
7	MAINTENANCE EXPENSES					
8	System Repairs and Maintenance	-	\$13,652	\$0	\$13,652	0.00%
9	TOTAL MAINTENANCE EXPENSE		\$13,652	\$0	\$13,652	
10	CUSTOMER ACCOUNT EXPENSE				•	
11	Legal and Accounting Fees		\$872	\$0	\$872	0.00%
12 13	Billing & Collections Office Supplies		\$315 \$216	\$0 \$0	\$315 \$216	0.00% 0.00%
13	Postage Expense		\$821	\$0 \$0	\$821	0.00%
15	Uncollectible Accounts		\$373	\$0	\$373	0.00%
16	TOTAL CUSTOMER ACCOUNT EXPENSE	-	\$2,597	\$0	\$2,597	
17	ADMINISTRATIVE & GENERAL EXPENSES		<b>A</b> 1 <b>H</b> 4	•-	<b>•</b> • • • •	
18 19	Telephone & Pagers Office Utilities		\$459	\$0	\$459	0.00%
20	Vehicle Expense		\$92 \$1,836	\$0 \$0	\$92 \$1,836	0.00% 0.00%
21	Medical Insurance		\$0	\$0	\$0	0.00%
22	Property & Liability Insurance		\$2,371	\$0	\$2,371	0.00%
23	Rent		\$630	\$0	\$630	0.00%
24	Other Misc. Expenses	_	\$178	\$0	\$178	0.00%
25	TOTAL ADMINISTRATIVE AND GENERAL		\$5,566	\$0	\$5,566	
26	OTHER OPERATING EXPENSES				• • • • •	
27	Registration Fees		\$3,011	\$0	\$3,011	0.00%
28 29	PSC Assessment Amortization of Enginnering Report for		\$6,371 \$3,333	\$0 \$0	\$6,371 \$3,333	0.00% 0.00%
20	Operating Permit		\$0,000	40	40,000	0.00%
30	Depreciation	_	\$6,858	\$0	\$6,858	0.00%
31	TOTAL OTHER OPERATING EXPENSES		\$19,573	\$0	\$19,573	
32	TAXES OTHER THAN INCOME			<b>A</b> -	4	
33 34	Real & Personal Property Taxes Payroll Taxes		\$220 \$1,207	\$0	\$220	0.00%
34	TOTAL TAXES OTHER THAN INCOME	-	\$1,207	\$0 \$D	<u>\$1,207</u> \$1,427	0.00%
36	TOTAL OPERATING EXPENSES		\$62,436	\$0	\$62,436	
37	Interest Expense	(3)	\$0	\$0	\$0	0.00%
38	Return on Equity	(3)	\$7,233	\$0	\$7,233	0.00%
39	Income Taxes	(3)	\$1,801	\$0	\$1,801	0.00%
40	TOTAL INTEREST RETURN & TAXES	_	\$9,034	\$0	\$9,034	
41	TOTAL COST OF SERVICE		\$71,470	\$0	\$71,470	
42	Less: Miscellaneous Revenues		\$3,115	\$0	\$3,115	0.00%
		_				

# Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Rate Design Schedule - Sewer

Line		<u>B</u> Account Number	<u>C</u> Staff	<u>D</u> Customer	Ē	<u>E</u> Percentage
Number	Description	(Optional)	Annualized	Charge	Commodity	Rate
43	COST TO RECOVER IN RATES		\$68,355	\$0	\$68,355	
44	INCREMENTAL INCREASE IN RATE REVENUES		\$1,905			
45	PERCENTAGE OF INCREASE		2.74%			
46	REQUESTED INCREASE IN REVENUES		\$0			

From Revenue Schedule
 From Expense Schedule
 From PreTax Rate of Return Schedule, Rate Base & Return Schedule

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Rate Base Required Return on Investment Schedule - Sewer

Line Number	A Rate Base Description	B Dollar Amount
1	Plant In Service	\$211,553 From Plant Schedule
2	Less Accumulated Depreciation Reserve	\$131,363 From Depreciation Reserve Schedule
3	Net Plant In Service	\$80,190
4	Other Rate Base Items:	\$0
	Contribution of Aid of Construction	\$0
	CIAC Depreciation	\$0
5	Total Rate Base	\$80,190
6	Total Weighted Rate of Return Including Income Tax	From PreTax Return & Taxes Schedule
7	Required Return & Income Tax	\$9,034

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#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Rate of Return Including Income Tax - Sewer

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				<u> </u>		D	TUTITIUIds
1	State Income T	ax Rate Statutory / Effe	ective	6.25%	(2)	5.81%	(1 - (B2 x .5)) x A1
2	Federal Income	Federal Income Tax Rate Statutory / Effective			(1) & (2)	14.13%	(1 - B1) x A2
3	Composite Effective Income Tax Rate					19.94%	B1 + B2
4	Equity Tax Fact	tor				1.2490	1 / (1-B3)
5	Recommended Weighted Rate of Return on Equity - Common and Preferred					9.02%	From Capital Structure Sched
6	Weighted Rate of Return on Equity Including Income Tax					11.27%	B4 x B5
7	Recommended Weighted Rate of Return on Debt - Long-Term and Short-Term					0.00%	From Capital Structure Sched
						44.070	54.57
8	Total Weighted	Rate of Return Including	g Income Tax			11.27%	B6+B7
8	Total Weighted	Rate of Return Including	g Income Tax		TO F		
-	-	Rate of Return Including	g Income Tax			ate Base Sched	
-	-			Equity Income Re	quired	ate Base Sched \$8,509	
-	-	Corporation, Enter Y:	N	Equity Income Re & Preliminary Fea	quired	ate Base Sched \$8,509	
-	if Sub-Chapter S	Corporation, Enter Y:		• •	quired	ate Base Sched \$8,509	
-	if Sub-Chapter S	Corporation, Enter Y:	N	• •	quired	ate Base Sched \$8,509	
-	if Sub-Chapter S	Corporation, Enter Y:	N x Rate Table	& Preliminary Fee	equired deral Tax	ate Base Sched \$8,509	
-	if Sub-Chapter S Net Incor	Corporation, Enter Y: Ta: me Range	N	• •	equired deral Tax	Pate Base Sched \$8,509 Tax on Range	
-	if Sub-Chapter S Net Incor Start	Corporation, Enter Y: Ta: me Range End	N x Rate Table Tax Rate	& Preliminary Fee	quired deral Tax	ate Base Sched \$8,509	
-	If Sub-Chapter S Net Incor Start \$0	Corporation, Enter Y: Tax me Range End \$50,000	N x Rate Table Tax Rate 15.00%	& Preliminary Fee Amount in Ran \$8,509	quired deral Tax	Rate Base Sched \$8,509 Tax on Range \$1,276	
-	if Sub-Chapter S Net Incor Start \$0 \$50,001	Corporation, Enter Y: Tax me Range End \$50,000 \$75,000	N x Rate Table Tax Rate 15.00% 25.00%	& Preliminary Fee Amount in Ran \$8,509 \$0	quired deral Tax	Rate Base Sched \$8,509 Tax on Range \$1,276 \$0	
-	If Sub-Chapter S Net Incor Start \$0 \$50,001 \$75,001	Corporation, Enter Y: <u>Ta</u> me Range End \$50,000 \$75,000 \$100,000	N x Rate Table Tax Rate 15.00% 25.00% 34.00%	& Preliminary Fee Amount in Ran \$8,509 \$0 \$0	quired deral Tax	Rate Base Sched \$8,509 Tax on Range \$1,276 \$0 \$0	
-	If Sub-Chapter S Net Incor Start \$0 \$50,001 \$75,001 \$100,001	Corporation, Enter Y: 	N x Rate Table Tax Rate 15.00% 25.00% 34.00% 39.00%	& Preliminary Fee Amount in Ran \$8,509 \$0 \$0 \$0 \$0	quired deral Tax	2ate Base Sched \$8,509 Tax on Range \$1,276 \$0 \$0 \$0	
-	If Sub-Chapter S Net Incor Start \$0 \$50,001 \$75,001 \$100,001	Corporation, Enter Y: 	N x Rate Table Tax Rate 15.00% 25.00% 34.00% 39.00%	& Preliminary Fee Amount in Ran \$8,509 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	iquired derai Tax ige	2ate Base Sched \$8,509 Tax on Range \$1,276 \$0 \$0 \$0 \$0 \$0	

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#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Capital Structure Schedule - Sewer

Line Number	A Description	<u>B</u> Dollar Amount	<u>C</u> Percentage of Total Capital Structure	D Embedded Cost of Capital	E Weighted Cost of Capital
1	Common Stock	\$80,190	100.00%	9.02%	9.020%
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	\$0	0.00%	0.00%	0.000%
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 \$80,190 100.00% 9.020%

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To PreTax Return Rate Schedule

Accounting Schedule:8 Sponsor: David Murray Page: 1 of 1

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Plant In Service - Sewer

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Line	<u>A</u> Account #	<u>B</u> .	<u>C</u> Total	<u>D</u> Adjustment	E	<u>E</u> Jurisdictional	<u>G</u> Adjusted
Number	(Optional)	Plant Account Description	Plant	Number	Adjustments	Allocation	Jurisdictiona
1		INTANGIBLE PLANT					
2	301.000	Organization	\$3,000	P-2	\$0	100.00%	\$3,000
3		TOTAL INTANGIBLE PLANT	\$3,000		\$0		\$3,000
4		SOURCE OF SUPPLY PLANT					
5	310.000	Land & Land Rights	\$8,800			100.00%	\$8,800
6		TOTAL SOURCE OF SUPPLY PLANT	\$8,800		\$0		\$8,800
7		COLLECTION PLANT					
8	352.200	Collection Sewers - Gravity	\$12,189	P-8	\$11,815	100.00%	\$24,004
9	353.000	Other Collection Plant Facilities	\$3,400			100.00%	\$3,400
10		TOTAL COLLECTION PLANT	\$15,589		\$11,815		\$27,404
11		PUMPING PLANT	AAA 44A	D 40	A40.050	400.000/	¢04 700
12	363.000	Pumping Equipment (Elec.,Diesel, other)	\$66,449	P-12	\$18,259 \$18,259	100.00%	\$84,708
13		TOTAL PUMPING PLANT	\$66,449		\$10,209		\$04,1VC
14		TREATMENT & DISPOSAL PLANT			<b>***</b>		<b>4</b> 00.005
15	372.000	Oxidation Lagoon	\$30,063	P-15	\$39,572	100.00%	\$69,635
16	373.000	Treatment and Disposal Equipment	\$5,041		\$20 E72	100.00%	\$5,041
17		TOTAL TREATEMENT & DISPOSAL PLANT	\$35,104		\$39,572		\$14,010
18		GENERAL PLANT				(00.000)	<b>A</b> 4 505
19	391.000	Office Furniture & Equipment	\$1,585	B 44	** (**	100.00%	\$1,585
20	392.000	Transportation Equipment	\$5,139	P-20	\$3,430	100.00% 100.00%	\$8,569 \$2,811
21	393.000	Other General Equipment, includes stores, tools shop & garage, lab, power operated, communication, and other tangible equipment.	\$2,811			100.0076	<b>φ</b> 2,011
22		TOTAL GENERAL PLANT	\$9,535		\$3,430		\$12,965
23	中心的。这些	TOTAL PLANT IN SERVICE	\$138,477		\$73,076		\$211,5

To Rate Base & Depreciation Schedules

# Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Schedule of Adjustments for Plant in Service - Sewer

<u>A</u> Plant	B	<u>C</u>	D	E
Adjustment Number	Plant In Service Adjustment Description	Account Number	Adjustment Amount	Total Adjustment
P-2	Organization	301.000		\$(
	Description		\$0	
	Description		\$0	
P-8	Collection Sewers - Gravity	352.200		\$11,815
	1. To Reflect Installation of Elder Valves for Non-Paying Customers (Grissum)		\$11,815	
····P-12 ·····	Pumping Equipment (Elec.,Diesel, other)	363.000		\$18,259
	1. To Reflect Capitalized Maintenance Expense related to Lift Station Repair in CY2006/CY2007 (Grissum)		\$13,264	
	2. To Reflect Addition of Guide Rails Installed on 10/25/2010 (Grissum)		\$4,995	
P-15	Oxidation Lagoon	372.000		\$39,572
	1. To Reflect Capitalized Maintenance Expense related to Lagoon Berm Repair in CY2007 & CY2009 (Grissum)		\$37,916	
	2. To Reflect Capitalized Maintenance Expense related Rock purchased for Lagoon Berm Repair that occurred during the Test Year (Grissum)		\$1,656	
P-20	Transportation Equipment	392.000		\$3,430
	1. To Reallocated Ford F-150 PU based upon usage of truck by each system (Grissum)		\$3,430	
nde daar of kirdelij	Total Plant Adjustments			\$73,076

Accounting Schedule:10 Sponsor: Roberta Grissum Page: 1 of 1

# Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Depreciation Expense - Sewer

	<u> </u>	<u>B</u>	<u> </u>	<u> </u>	
Line	Account		Adjusted	Depreciation	Depreciation
Number	Number	Plant Account Description	Jurisdictional	Rate	Expense
1		INTANGIBLE PLANT			
2	301.000	Organization	\$3,000	0.00%	\$0
3		TOTAL INTANGIBLE PLANT	\$3,000		\$0
4		SOURCE OF SUPPLY PLANT			
5	310.000	Land & Land Rights	\$8,800	0.00%	\$0
6		TOTAL SOURCE OF SUPPLY PLANT	\$8,800		\$0
7		COLLECTION PLANT			
8	352.200	Collection Sewers - Gravity	\$24,004	2.00%	\$480
9	353.000	Other Collection Plant Facilities	\$3,400	2.00%	\$68
10		TOTAL COLLECTION PLANT	\$27,404		\$548
11		PUMPING PLANT			
12	363.000	Pumping Equipment (Elec.,Diesel, other)	\$84,708	3.00%	\$2,541
13		TOTAL PUMPING PLANT	\$84,708		\$2,541
14		TREATMENT & DISPOSAL PLANT			
15	372.000	Oxidation Lagoon	\$69,635	4.00%	\$2,785
16	373.000	Treatment and Disposal Equipment	\$5,041	4.50%	\$227
17		TOTAL TREATEMENT & DISPOSAL PLANT	\$74,676		\$3,012
18		GENERAL PLANT			
19	391.000	Office Furniture & Equipment	\$1,585	1.00%	\$16
20	392,000	Transportation Equipment	\$8,569	7.00%	\$600
21	393.000	Other General Equipment, includes stores,	\$2,811	5.00%	\$141
		tools shop & garage, lab, power operated, communication, and other tangible equipment.			
22		TOTAL GENERAL PLANT	\$12,965		\$757
23		Total Depreciation	\$211,553		\$6,858

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#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Accumulated Depreciation Reserve - Sewer

Line	<u>A</u> Account	<u>B</u>	<u>C</u> Total	<u>D</u> Adlustmont	E	<u>E</u> Iveladiational	<u>G</u>
Number	Number	Descelation Bosonia Description		Adjustment	Adlandinan-4-	Jurisdictional	Adjusted
NUMBER	MUUDAL	Depreciation Reserve Description	Reserve	Number	Adjustments	Allocation	Jurisdictional
1		INTANGIBLE PLANT					
2	301.000	Organization	\$3,025			100.00%	\$3,025
3		TOTAL INTANGIBLE PLANT	\$3,025		\$0		\$3,025
4		SOURCE OF SUPPLY PLANT					
5	310.000	Land & Land Rights	\$0			100.00%	\$0
6		TOTAL SOURCE OF SUPPLY PLANT	\$0		\$0		\$0
7		COLLECTION PLANT					
8	352.200	Collection Sewers - Gravity	\$1,533	R-8	\$708	100.00%	\$2,241
9	353.000	Other Collection Plant Facilities	\$0			100.00%	\$0
10		TOTAL COLLECTION PLANT	\$1,533		\$708		\$2,241
11		PUMPING PLANT					
12	363.000	Pumping Equipment (Elec.,Diesel, other)	\$82,788	R-12	\$5,182	100.00%	\$87,970
13		TOTAL PUMPING PLANT	\$82,788		\$5,182		\$87,970
14		TREATMENT & DISPOSAL PLANT					
15	372.000	Oxidation Lagoon	\$25,354	R-15	\$3,870	100.00%	\$29,224
16	373.000	Treatment and Disposal Equipment	-\$3,320			100.00%	-\$3,320
17		TOTAL TREATEMENT & DISPOSAL PLANT	\$22,034		\$3,870		\$25,904
18		GENERAL PLANT					
19	391.000	Office Furniture & Equipment	\$1,865			100.00%	\$1,865
20	392.000	Transportation Equipment	\$4,783	R-20	\$3,192	100.00%	\$7,975
21	393.000	Other General Equipment, includes stores,	\$2,383			100.00%	\$2,383
		tools shop & garage, lab, power operated, communication, and other tangible equipment.					
22		TOTAL GENERAL PLANT	\$9,031		\$3,192		\$12,223
23	water tipese	TOTAL DEPRECIATION RESERVE	\$118,411		\$12,952		\$131,363

To Rate Base Schedule

# Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Schedule of Adjustments for Accumulated Deprecreciation Reserve - Sewer

<u>A</u> Reserve Adjustment	<u>B</u> Accumulated Depreciation Reserve	<u>C</u> Account	<u>D</u> Adjustment	<u>E</u> Total Adjustment
Number	Adjustments Description	Number	Amount	Amount
R-8	Collection Sewers - Gravity	352.200		\$708
	1. To Reflect Depreciation Reserve related to Installation of Elder Valves for Non-Paying Customers (Grissum)		\$708	
R-12	Pumping Equipment (Elec.,Diesel, other)	363.000		\$5,182
	1. To Reflect Depreciation Reserve related to Lift Station Repair in CY2006/CY2007 (Grissum)		\$5,182	
R-15	Oxidation Lagoon	372.000		\$3,870
	1. To Reflect Depreciation Reserve related to Lagoon Berm Repair in CY2007 & CY2009 (Grissum		\$3,870	
R-20	Transportation Equipment	392.000		\$3,192
	1. To Reallocate Ford F-150 PU based upon usage of truck by each system (Grissum)		\$3,192	
	Total Reserve Adjustments			\$12,952

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Revenue Summary Schedule - Sewer

		Residential 3/4"	Multi-Fan 3/4"	Multi-Family 3/4*	
Line Number	A Description	<u>B</u> <u>C</u> Amount Amoun	<u>D</u>	<u>E</u> Amount	
1	Customer Charge Revenues:				
2	Customer Number	160	58		
3	Bills Per Year	12	12		
4	Customer Bills Per year	1,920	696		
5	Current Customer Charge	\$26.83	\$21.46		
6	Annualized Customer Charge Revenues	\$51,	514	\$14,936	
7	Commodity Charge Revenues:				
8	Total Gallons Sold	0	0		
9	Less: Base Gallons Included In Customer Charge	0	0		
10	Commodity Gallons	0	0		
11	Block 1, Commodity Gallons per Block	0	0		
12	Block 1, Number of Commodity Gallons per Unit	0	0		
13	Block 1, Commodity Billing Units	0.00	0.00		
14	Block 1, Existing Commodity Charge	\$0.00	\$0.00		
15	Block 1, Annualized Commodity Charge Rev.		\$0	\$0	
16	Total Annualized Sewer Rate Revenues	 \$51,i	514	\$14,936	

Commodity Billing Units are based on the number of commodity gallons applicable to each block, divided by the tariff usage rate gallons (e.g. for tariff rate of \$2.50 per 1,000 gallons of usage, the commodity gallons for that rate would be divided by 1,000 to arrive at the number of commodity billing units.

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#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Revenue Summary Schedule - Sewer

		Commercial 2"		Total
Line Number	<u>A</u> Description	<u>F</u> <u>G</u> Amount Amou	nt <u>H</u> Amount	l Amount
1	Customer Charge Revenues:			
2	Customer Number	0	21	8
3	Bills Per Year	0		
4	Customer Bills Per year	0	2,61	6
5	Current Customer Charge	\$0.00		
6	Annualized Customer Charge Revenues		\$0	\$66,450
7	Commodity Charge Revenues:			
8	Total Gallons Sold	0		0
9	Less: Base Gallons Included in Customer Charge	<u> </u>		0
10	Commodity Gallons	0		0
11	Block 1, Commodity Gallons per Block	0		
12	Block 1, Number of Commodity Galions per Unit	0		
13	Block 1, Commodity Billing Units	0.00		
14	Block 1, Existing Commodity Charge	\$0.00		
15	Block 1, Annualized Commodity Charge Rev.		\$0	\$(
16	Total Annualized Sewer Rate Revenues	-H	]   \$0	\$66,450

Commodity Billing Units are based on the number of commodity gallons applicable to each block, divided by the tariff usage rate gallons (e.g. for tariff rate of \$2.50 per 1,000 gallons of usage, the commodity gallons for that rate would be divided by 1,000 to arrive at the number of commodity billing units.

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Expense Schedule - Sewer

	A	B	Č Č	D	E	Ē	G
	Account		Company/	A		•	<b>A</b> - <b>B</b> - <b>A</b> - <b>A</b>
Line Number	Number (Optional)	Expense Description	Test Year Amount	Adjustment Number	Adjustments	Jurisdictional Allocation	Adjusted Jurisdictiona
	(Optional)	OPERATIONS EXPENSES	Amount	NUILIDEL	Aujustments	Anocation	Junsuictiona
1 2		Management Salary	\$3,544	S-2	\$2,895	100.00%	\$6,43
2		Houriv Employees	\$4,214	S-3	-\$1,988	100.00%	\$2,22
3 4		Contract Operator - Strickland Engineering	\$6,505	3-3	-91,500	100.00%	\$6,50
4 5		Electricity - Pumping Treatment	\$4,361	S-5	\$90	100.00%	\$0,50
5 6		TOTAL OPERATIONS EXPENSE	\$18,624	3-5	\$997	100.0076	\$19,62
U		TOTAL OFERATIONS EXPENSE	\$10,024		4001		\$13,02
7		MAINTENANCE EXPENSES					
8		System Repairs and Maintenance	\$19,651	S-8	-\$5,999	100.00%	\$13,65
9		TOTAL MAINTENANCE EXPENSE	\$19,651		-\$5,999		\$13,65
10		CUSTOMER ACCOUNT EXPENSE					
11		Legal and Accounting Fees	\$925	S-11	-\$53	100.00%	\$87
12		Billing & Collections	\$315		•	100.00%	\$31
13		Office Supplies	\$216			100.00%	\$21
14		Postage Expense	\$1,233	S-14	-\$412	100.00%	\$82
15		Uncollectible Accounts	\$373		·	100.00%	\$37
16		TOTAL CUSTOMER ACCOUNT EXPENSE	\$3,062		-\$465		\$2,59
17		ADMINISTRATIVE & GENERAL EXPENSES					
18		Telephone & Pagers	\$880	S-18	-\$421	100.00%	\$45
19		Office Utilities	\$92		•	100.00%	\$9
20		Vehicle Expense	\$891	S-20	\$945	100.00%	\$1.83
21		Medical Insurance	\$1,824	S-21	-\$1,824	100.00%	Ś
22		Property & Liability Insurance	\$2,371			100.00%	\$2,37
23		Rent	\$630			100.00%	\$63
24		Other Misc. Expenses	\$541	S-24	-\$363	100.00%	\$17
25		TOTAL ADMINISTRATIVE AND GENERAL	\$7,229		-\$1,663		\$5,56
26		OTHER OPERATING EXPENSES					
27		Registration Fees	\$3,186	S-27	-\$175	100.00%	\$3,01
28		PSC Assessment	\$2,334	S-28	\$4,037	100.00%	\$6,37
29		Amortization of Enginnering Report for Operating	\$0	S-29	\$3,333	100.00%	\$3,33
~~		Permit	**	0 20	40,000	10010070	\$0,00
30		Depreciation	\$0	S-30	\$6,858	100.00%	\$6,85
31		TOTAL OTHER OPERATING EXPENSES	\$5,520	• • •	\$14,053		\$19,57
32		TAXES OTHER THAN INCOME					
33		Real & Personal Property Taxes	\$153	S-33	\$67	100.00%	\$22
34		Pavroll Taxes	\$1,503	S-34	-\$296	100.00%	\$1,20
35		TOTAL TAXES OTHER THAN INCOME	\$1,656		-\$229		\$1,42

## Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Expense Adjustment Schedule - Sewer

<u>A</u> Expense Adj Number	<u>B</u> Adjustment Description	<u>C D E</u> Account Adjustment Total Number Amount Adjustment
S-2	Management Salary	\$2,89
	1. To Annualize Payroll - Salaried Employee (Grissum)	\$2,895
5- <b>S-3</b>	Hourly Employees	-\$1,98
	1. To Annualize Payroll - Hourly Employees (Grissum)	-\$1,988
S-5	Electricity - Pumping Treatment	\$9(
	1. To Annualize Electricity Expense for Water Losses (Ferguson)	\$90
S-8	System Repairs and Maintenance	-\$5,99!
	1. To Capitalize Maintenance Expense (Grissum)	-\$4,343
	2. To Capitalize Maintenance Expense related to Rock purchased for Lagoon Berm Repair (Grissum)	-\$1,656
S-11	Legal and Accounting Fees	-\$53
	1. Disallowance for Accounting Fee incurred outside of Test Year	-\$53
S-14	Postage Expense	-\$412
	1. To Reflect Disallowance for Freight Charge Associated with Order Cancelled by Company (Grissum)	-\$380
	2. To Annualize Postage Expense	-\$32

Accounting Schedule:2 Sponsor: Kofi Boateng Page: 1 of 3

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## Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Expense Adjustment Schedule - Sewer

<u>A</u> Expense Adj Number	<u>B</u> Adjustment Description	<u>C</u> Account Number	<u>D</u> Adjustment Amount	<u>E</u> Total Adjustment
<u>Number</u>	1. Disallowance for AT&T Charges Associates with National Search Directory Inc.	Number	-\$84	Adjustment
	2. To Reallocate Pager Expense to Water System ONLY		-\$90	
	3. To Remove Cell Phone No Longer Used by Ann Rudy (Grissum)		-\$247	
S-20	Vehicle Expense			\$945
	1. To Annualize Vehicle Fuel Expense		\$73	
	2. To Reallocate Ford F-150 PU based upon usage of truck by each system (Grissum)		\$872	
S-21	Medical Insurance			-\$1,824
	1. To Annualize Employee Healthcare (Grissum)		-\$1,824	
S-24	Other Misc. Expenses			-\$363
	1. Disallowance for Bank Charges Associated with Insufficient Checks		-\$363	
S-27	Registration Fees			-\$175
	1. To Remove DNR Primacy Fees		-\$175	
S-28	PSC Assessment			\$4,037
	1. To Reflect Current MoPSC Assessment		\$4,037	
S-29	Amortization of Enginnering Report for Operating Pe			\$3,333
	1. To Amortize Engineering Report required to Renew Operating Permit (Grissum)		\$3,333	
S-30	Depreciation			\$6,858

Accounting Schedule:2 Sponsor: Kofi Boateng Page: 2 of 3

## Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Expense Adjustment Schedule - Sewer

<u>A</u> Expense Adj	B	<u>C</u> Account	<u>D</u> Adjustment	<u>E</u> Total
Number	Adjustment Description 1. To Annualize Depreciation	Number	Amount \$6,858	Adjustment
<b>S-33</b>	Real & Personal Property Taxes			\$67
	1. To Reflect Personal Property Tax allocated based upon usage of truck by each system (Grissum)		\$67	
S-34	Payroll Taxes			-\$296
	1. To Annualize Payroll Tax - FICA (Grissum)		-\$212	
	2. To Annualize Payroll Tax - SUTA (Grissum)		-\$84	
	Total Expense Adjustments			\$6,694

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#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Revenue Schedule - Sewer

	A Account	<u>B</u>	<u>C</u> Company/	<u>D</u>	<u>E</u>	E	<u>G</u>
Line Number	Number (Optional)	Revenue Description	Test Year Amount	Adjustment Number	Jurisdictional Adjustments	Jurisdictional Allocation	Adjusted Jurisdictional
Rev-1 Rev-2		ANNUALIZED REVENUES Annualized Rate Revenues	\$64,904	Rev-2	\$1,546	100.00%	\$66,450
Rev-3		Miscellaneous Revenues	\$3,215	Rev-3	-\$100	100.00%	\$3,115

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Revenue Adjustment Schedule - Sewer

<u>A</u> Revenue Adj Number	<u>B</u> Adjustment Description	<u>C D E</u> Account Adjustment Total Number Amount Adjustment
Rev-2	Annualized Rate Revenues	\$1,546
	1. To Annualize Rate Revenues	\$1,546
	2. Description	\$0
	3. Description	\$0
Rev-3	Miscellaneous Revenues	-\$100
	1. To Annualize Miscellaneous Revenues	-\$100
	2. Description	\$0

Total Revenue Adjustments

\$1,446

Accounting Schedule:4 Sponsor: Lisa Ferguson Page: 1 of 1

#### Cape Rock Village Sewer Informal Rate Case Case No. SR-2010-0346 Test Year Ending 5/31/2010 Miscellaneous Revenues Feeder - Sewer

Line	<u>A</u>	B
Number	Description	Amount

3 Total Miscellaneous Revenues

\$3,115

Accounting Schedule:4-2 Sponsor: Lisa Ferguson Page: 1 of 1 Agreement Attachment C

Ratemaking Income Statement

## KMB UTILITY CORPORATION-CAPE ROCK

## Rate Making Income Statement-Sewer

	Operating Revenues at Current Rates						
1	Tariffed Rate Revenues *	\$	66,450				
2	Other Operating Revenues *	\$	3,115				
3	Total Operating Revenues	\$	69,565				

4 \* See "Revenues - Current Rates" for Details

	Cost of Service					
	Item		Amount			
1	Operators Salary	\$	6,439			
2	Operator-Backup		2,226			
3	Contract Operator-Strickland Engineering	\$	6,505			
4	Electricity-Shop	\$	4,451			
5	System Repairs & Maintenance	\$	13,652			
6	Legal and Accounting Fees	\$	872			
7	Billing & Collections	\$	315			
8	Office Supplies	\$	216			
9	Postage Expense	\$	821			
10	Uncollectible Accounts	\$	373			
11	Telephone & Internet Expense	\$	459			
12	Office Utilities	\$	92			
13	Vehicle Expense	\$	1,836			
14	Property & Liability Insurance	\$	2,371			
15	Rent Expense	\$	630			
16	Miscellaneous General Expenses	\$	178			
17	Registration Fees	\$	3,011			
18	Regulatory Commission Expense	\$	6,371			
19	Sub-Total Operating Expenses	\$	50,818			
20	Property Taxes	\$	220			
21	MO Franchise Taxes	\$	-			
22	Employer FICA Taxes	\$	1,207			
23	Federal Unemployment Taxes	\$	-			
24	State Unemployment Taxes	\$	-			
25	State & Federal Income Taxes	\$	1,801			
26	Sub-Total Taxes	\$	3,228			
27	Depreciation Expense	\$	6,858			
28	Amortization of Eng.Reprot for Oper. Permit	\$	3,333			
29	Sub-Total Depreciation/Amortization	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,191			
30	Return on Rate Base	\$	7,233			
31	Total Cost of Service	\$	71,470			
32	Overall Revenue Increase Needed	\$	1,905			

Agreement Attachment D

Rate Design Worksheet

## **KMB UTILITY CORPORATION-CAPE ROCK**

## **Development of Tariffed Rates-Sewer**

Agreement is to increase currently tariffed rates by a percentage equal to the agreed-upon overall revenue increase divided by the revenues generated by the currently tariffed rates.

Revenues Generated by Current Tariffed Rates	\$	66,450
Agreed-Upon Overall Revenue Increase	\$	1,905
Percentage Increase Needed	\$	

Metered Customer Rates					
	-	urrent ervice		oposed ervice	
Customer Type	-	harge	-	harge	
Single Family	\$	26.83	\$	27.60	
Multi-Family	\$	21.46	\$	22.08	

Agreement Attachment E

Billing Comparison Worksheet

## KMB UTILITY CORPORATION-CAPE ROCK

## **Residential Customer Bill Comparison-Sewer**

Rates for 5/8" MeterCurrent BaseProposed Baseustomer ChargeCustomer Charge

Customer Charge
\$27.60

current service charge is monthly charge

#### MONTHLY BILL COMPARISON

Current Rates		
Customer Charge	\$	26.83
Usage Charge	\$	-
Total Bill	\$	26.83
Proposed Rates		
Customer Charge	\$	27.60
Usage Charge	\$	-
Total Bill	\$	27.60
INCREASES		
INCREASES Customer Charge		
	ţ	60.77
Customer Charge		60.77 2.87%
Customer Charge \$ Increase		
Customer Charge \$ Increase		
Customer Charge \$ Increase % Increase	2	
Customer Charge \$ Increase % Increase Usage Charge	2	2.87%
Customer Charge \$ Increase % Increase Usage Charge \$ Increase	2	2.87% 60.00
Customer Charge \$ Increase % Increase Usage Charge \$ Increase	2	2.87% 60.00
Customer Charge \$ Increase % Increase Usage Charge \$ Increase % Increase % Increase	\$	2.87% 60.00
Customer Charge \$ Increase % Increase Usage Charge \$ Increase % Increase % Increase Total Bill	\$	2.87% 60.00 N/A

Agreement Attachment F

Schedule of Depreciation Rates

## KMB SEWER COMPANY SCHEDULE of DEPRECIATION RATES (SEWER CLASS C) SR-2010-0346 Attachment F

ACCOUNT		DEPRECIATION	AVERAGE SERVICE	NET
NUMBER	ACCOUNT DESCRIPTION	RATE	LIFE (YEARS)	SALVAGE
	Land and Structures			New Constitution of the second
352.2	Collection Plant Collection Sewers (Gravity)	2.0%	50	0%
363	Pumping Plant Electric Pumping Equipment	3.0%	10	0%
	Treatment and Disposal			
372	Oxidation Lagoons	4.0%	25	0%
373	Treatment & Disposal Facilities	4.5%	20	0%
	General Plant			
391.1	Office Computer & Electronic Equip.	1.0%	5	0%
392	Transportation Equipment	7.0%	7	9%
393	Other General Equipment (tools, shop equip., backhoes, trenchers, etc.)	5.0%	13	13%

## Agreement Attachment G

# Auditing Department Recommendation Memorandum

#### AUDITING DEPARTMENT RECOMMENDATION <u>M E M O R AN D U M</u>

TO:	Jim Russo Water and Sewer Department, Case Coordinator
FROM:	Roberta Grissum
	Lisa Ferguson
	Kofi Boateng
	Auditing Department, Staff
SUBJECT:	KMB Utility Corporation
	Informal Rate Increase Request
	Case Nos. WR-2010-0345 and SR-2010-0346
DATE:	November 17, 2010

On May 20, 2010 KMB Utility Corporation (KMB or Company), owned by Ms. Ann Rudy, filed a request asking for a \$18,500 increase in rates for the following seven water systems: Cedar Hill Estates, Crestview Acres, High Ridge Manor, Hillshine Acres, Lakewood Hills, Scotsdale, and Warren Woods. The Company has not specified how this requested increase should be spread among the seven water systems, except to recommend no increase in rates for the High Ridge Manor and Scotsdale systems. The Company also filed for a \$12,100 increase in rates for the Cape Rock sewer system. The total increase in rates sought by KMB is \$30,600.

The last rate increases approved by the Missouri Public Service Commission (Commission) for KMB became effective April 21, 2006 as a result of Case No. WR-2006-0286 and February 21, 2006 as part of Case No. SR-2006-0285. As part of these two most recent rate cases, the Commission approved a \$9,221 increase in rates in total for all seven of KMB's water systems and a \$775 increase for KMB's Cape Rock sewer system.

The Auditing Staff has conducted an investigation of the Company's books and records, based upon the twelve-month test year period ending May 31, 2010 and has determined that an increase of \$25,293 in water revenues and an increase of \$1,905 in sewer revenues are necessary. The chart shown below provides a breakdown of the Auditing Staff's proposed rate increase or decrease by system:

System Name	Customer	County	Current Monthly	Staff Proposed	Staff Proposed
Sewer/Water	#'s	Location	Rates	\$ Increase/ Decrease	% Increase/ Decrease
Cape Rock Sewer	218	Cape Girardeau	Minimum Monthly Charge-\$26.83 single	\$1,905	2.74%
			multi-family- \$21.46 per unit		
Cedar Hill	193	Jefferson	Minimum Monthly	(\$3,472)	(8.85%)
Estates			Minimum Monthly		
			Charge-3/4 = \$8.68 1" = \$14.47		
			\$1.84/1,000 gal.		

Crestview Water	55	Franklin	Minimum Monthly Charge-\$8.81	\$5,198	42.49%
			\$2.60/1,000 gal.		
High Ridge Water	84	Jefferson	Minimum Monthly Charge-\$6.54	(\$311)	(1.65%)
			\$2.44/1,000 gal.		
Hillshine Water	33	Franklin	Minimum Monthly Charge-\$10.32	\$3,612	40.20%
			\$2.00/1,000 gal.		
Lakewood Water	116	Jefferson	Minimum Monthly Charge-\$12.32	\$4,285	10.65%
			\$3.20/1,000 gal.		
Scotsdale Water	37	Jefferson	Minimum Monthly Charge-\$30.22 res \$36.67 - commercial	\$6,089	42.39%
			\$3.93/1,000 in excess 10,000 gal.		
Warren Woods Water	21	Jefferson	Minimum Monthly Charge-\$12.92 (Metered); \$38.51 (Unmetered)	\$9,881	138.12%
			\$2.92/1,000 gal		
Total Water	539			\$25,293	17.96%
Total Company	757			\$27,198	19.31%

#### CAPITAL STRUCTURE

KMB's capital structure consisted entirely of common equity. Staff member David Murray of the Commission's Financial Analysis Department calculated a return on equity and a total overall rate of return (ROR) of 9.02 %. The overall ROR was applied to KMB's rate base at each of its various systems to develop the recommended revenue requirements noted above.

#### RATE BASE

#### Plant, Reserve and Contributions In Aid Of Construction (CIAC)

The Auditing Staff has reflected all capital improvements completed on KMB's water and sewer systems since the time of their last rate cases. The chart shown below summarizes the Auditing Staff's calculations that support the amount of plant, depreciation reserve and contribution in aid of construction (CIAC) net of depreciation that should appropriately be included in the cost of service calculation:

Company	Plant	Depreciation Reserve	CIAC Net of Depreciation	Rate Base
Cape Rock Village Sewer	\$211,553	\$131,363	\$0	\$80,190
Cedar Hill Water	\$157,724	\$136,356	\$301	\$21,607
Crestview Acres Water	\$48,242	\$22,973	\$130	\$25,139
High Ridge Manor Water	\$88,834	\$83,112	\$6,267	(\$545)
Hillshine Acres Water	\$28,687	\$11,613	\$1,133	\$15,941
Lakewood Hills Water	\$153,095	\$74,825	\$543	\$77,727
Scotsdale Water	\$88,226	\$39,730	\$0	\$48,496

Warren Woods Water	\$69,336	\$36,705	\$899	\$31,731
Total Water	\$634,144	\$405,314	\$9,273	\$219,557
Total Water and Sewer	\$845,697	\$536,677	\$9,273	\$299,747

#### **DEPRECIATION**

The Audit Staff incorporated the depreciation rates supplied by Arthur Rice of the Commission's Engineering and Management Services department into its cost of service calculation. Using these depreciation rates, the Auditing Staff included an annualized level of depreciation expense for each of KMB's water systems and its Cape Rock sewer system based on the level of plant in service at May 31, 2010.

#### **INCOME STATEMENT ADJUSTMENTS**

#### Revenues

The Staff annualized revenues for each system based on the number of customers as of May 31, 2010 and the current rates. Staff also included in its cost of service calculation the reconnection fees collected during the test year for the Cedar Hill Estates and High Ridge Manor systems. The Staff's review of revenues produced annualized levels as shown below:

	Revenues	<b>Other Revenues</b>	<u>Total</u>
Cape Rock Village	\$66,450	\$3,115	\$69,565
Cedar Hill Estates	\$34,608	\$4,644	\$39,252
Crestview Acres	\$11,393	\$840	\$12,233
High Ridge Manor	\$17,925	\$962	\$18,887
Hillshine Acres	\$8,525	\$461	\$8,986
Lakewood Hills	\$39,533	\$692	\$40,225
Scotsdale	\$13,650	\$415	\$14,065
Warren Woods	\$6,824	\$330	\$7,154
Total Water	\$132,458	\$8,343	\$140,801
Total Company	\$198,908	\$11,458	\$210,366

#### Allocation of Expenses

The Staff allocated many overhead expenses that benefitted each of the water and sewer systems based upon the annualized customer counts at each system. However, some expenses such as payroll and contract operations and maintenance expense were allocated in a more system specific manner based upon an assessment of the ongoing needs of each of KMB's systems.

#### Payroll, Payroll Taxes and Contract Operations

As part of its payroll analysis, the Staff reviewed all payroll records for the 12-months ending May 31, 2010. Staff also compared the amounts paid during this 12-month period to the amount included in Staff's cost of service in Case Nos. WR-2006-0286 and SR-2006-0285. Ms. Rudy, the Company's owner, manages the operations of KMB. During the test year, Ms. Rudy was paid \$13,500 for the work that she performed for KMB. As manager, Ms. Rudy's duties include approving all expenditures and making decisions regarding major repairs and capital improvements, among other activities. In the last rate case, Staff allowed an annualized salary of

\$13,000 for Ms. Rudy. The Staff factored up the annualized salary from the last case for all increases in the Consumer Price Index as reported by the Bureau of Labor Statistics of the United States Department of Labor for the period July 1, 2005 through May 31, 2010. Staff has included an annualized salary in the amount of \$14,602 in its cost of service for Ms. Rudy and believes this to be reasonable.

Staff also found the \$7,540 of wages paid during the test year to Carolyn Highley, the Company's secretary, to be reasonable. Ms. Highley's duties include: answering phone, maintaining records, assisting meter readers, paying bills, customer billing and collection duties, among other activities.

During February 2010, KMB entered into an agreement with Bob Wideman, owner of Franklin County Lab, LLC, to serve as the new full-time operator for each of KMB's seven water systems. Mr. Wideman currently maintains a class D water system operator's license. Franklin County Lab is primarily responsible for providing operation and maintenance services to KMB's water systems. The Staff has included a \$44,960 annualized level for Franklin County Labs to serve as KMB's full-time water system operator, as sponsored by Staff witness Steve Loethen of the Commission's Water and Sewer Department. Since these operation and maintenance services were previously provided by two KMB employees, Staff removed all wages, related payroll taxes and health insurance costs pertaining to these former employees that were incurred by the Company during the test year. The Staff has also included a \$1,750 annualized level for Flynn Well Drilling to perform an annual water supply pumping equipment inspection at each of KMB's water systems. Accordingly, Staff has allocated \$250 to each of KMB's water systems for these inspections.

On December 7, 2008, KMB entered into a contractual agreement with Strickland Engineering to perform wastewater operation and maintenance duties at KMB's Cape Rock wastewater treatment facility. The Staff has included the cost for this contract operator in the cost of service. Ms. H. Elizabeth Long, who holds a Class D operator's license, serves as the operator and has authority to sign all pertinent forms related to the permit discharge monitoring report requirements for the Cape Rock Village wastewater treatment facility. The basic services provided under this contract include: maintaining DNR operator's certificate, performing monthly inspections of the facility components, preparing and filing the necessary reports, obtaining the wastewater samples for testing, and directing appropriate contractors to make repairs to the system as needed for operation. Strickland Engineering is also available to provide emergency services at an additional cost. Basic services are billed at a monthly fee of \$300 per month. During the test year, KMB paid Strickland Engineering \$6,505 for all operations and maintenance costs performed at KMB's Cape Rock sewer system and Staff has included this level in the cost of service calculation.

#### Medical Insurance

During the test year, the Company provided health insurance to its employees as an employee benefit. The Company no longer provides this benefit to its employees. Therefore, Staff has removed the test year level of expense from its cost of service calculation.

#### Electricity Expense

The Staff's annualization of electric expense addresses the recent rate increase for AmerenUE that took effect during June 2010. The Staff also reduced electric expense for an excessive level of lost water that occurred at Cedar Hill Estates, Crestview Acres, Hillshine, and Lakewood Hills.

#### **Chemicals**

KMB is required by the Missouri Department of Natural Resources (MoDNR) to provide chlorination treatment at its Scotsdale and Warren Woods water systems. Staff accepted the test year levels of expense for chemicals for the Scotsdale and Warren Woods systems.

#### **Repairs and Maintenance**

The Audit Staff reviewed all invoices related to repairs and maintenance expense. Staff removed all expenses paid during the test year that were incurred in prior periods. Likewise, Staff included all appropriate expenses incurred during the test year but not yet paid. Staff also included any monthly inspections of pumps and aerators on the Cape Rock Village Sewer System performed by Cotner Electric Company as part of repairs and maintenance expense.

The Staff capitalized some items that the Company had incorrectly recorded as repairs and maintenance expense. These items related to plant additions and were included in the plant in service balances as of May 31, 2010.

#### Accounting Expense

KMB paid Stephen Finch and Associates \$3,250 for accounting services during the test year. This \$3,250 amount was paid for preparing monthly payroll and financial statements, income taxes and KMB's Annual Report to the Commission. Based on its examination, the Auditing Staff found the amount to be reasonable and has included these accounting fees in its cost of service calculation.

#### Postage Expense

The Staff has calculated postage expense by including twelve monthly billings at a post card rate for annualized customer levels at each of KMB's systems. Also included in the annualized postage is the cost of mailing one annual customer notification letter per system and the cost of other required mailings. KMB leases a postage meter from Pitney Bowes Corporation and the cost associated with the lease is also included in the cost of service.

#### **Telephone and Pager Expenses**

The Staff allowed the test year level of telephone and pager expenses with the exception of the charges by National Search Directory, Inc. for internet listing. The Staff believes there is no customer benefit associated with KMB's decision to advertise its name through the internet. Since the pager is used by Franklin County Lab for the operation of the water systems, test year pager cost that was charged to the Cape Rock Village sewer system was reallocated to the water systems based upon annualized customer levels.

#### Vehicle Fuel Expense

The Staff has calculated an annualized vehicle fuel expense by multiplying the test year gallons used, by a historical 52-week average of retail fuel price for the Midwest of \$2.61 per gallon, obtained from the U.S. Energy Information website (www.eia.gov). The Staff believes using a historical average of fuel price which fluctuates on a daily basis is a reasonable method to determine future cost of service for a utility's ratepayers.

#### <u>Rent</u>

The Staff reviewed the test year rent paid by KMB to Piffel Excavating, and believes this annual level of rent is reasonable.

#### PSC Assessment

The Auditing Staff included the most current PSC assessment in the cost of service calculation.

#### MoDNR Fees and Lab Sampling

The Missouri Clean Water Law requires that all sewer utilities pay an annual operating permit fee to the MoDNR for each wastewater treatment plant that discharges to the waters of the State, with that permit fee normally being based on the design flow of each particular treatment facility. KMB is assessed \$3,000 annually for this permit fee based on the design flow its Cape Rock wastewater treatment facility and the Audit Staff included this fee in its cost of service calculation.

The MoDNR also charges KMB \$200 for each water system for a total company amount of \$1,400. This fee is charged annually for mandatory water testing requirements as part of MoDNR's water program administration fee. The MoDNR water testing program provides smaller utilities like KMB with a direct and affordable approach to maintain compliance with water system testing requirements. The Staff has included these annual water testing fees in its cost of service calculation.

The MoDNR provides small utilities with drop locations that will ship water samples to its testing facilities at no charge. As such, Staff has determined it is appropriate to include the cost of mileage one time per month for 12 months at a rate of 35 miles roundtrip based upon a fuel cost of \$2.61 per gallon and 15 miles per gallon. Therefore, Staff is including \$73 on an annualized basis in its cost of service for lab sampling.

#### Normalization of Legal Fees

During KMB's last rate case, the Staff discovered that the Company incurred \$20,072 of legal costs related to an easement dispute with a property owner at its Lakewood Hills water system. As part of the last rate proceeding, the Staff normalized this cost over a ten year period by including \$2,007 in the cost of service calculation. As part of the current rate proceeding, the Staff has included \$2,007 in the cost of service calculation to reflect this ten year normalization.

#### Normalization of Tank Painting

The Audit Staff has included \$1,870 to account for the 15-year normalization of the \$28,050 tank painting that occurred at the Cedar Hill system in October 2002.

#### Amortization of Engineering Report

KMB is required by the MoDNR to submit an "engineering report prepared by a registered professional engineer in the State of Missouri, recommending corrective actions to eliminate the recurring bypasses in the collection system. Solutions such as, but not limited to, increasing lift station storage capacity, providing an alternate means of electrical power to the lift station pumps, or an alternate means of pumping wastewater from the lift station should be considered." KMB consummated a signed contract with Strickland Engineering on August 13, 2010 to prepare the required report for a cost not to exceed \$10,000. As such, Staff has amortized this amount over a three year period for ratemaking purposes.

#### Piffel Excavating – Affiliated Company

Ms. Rudy also owns Piffel Excavating (Piffel) that performs a significant portion of the repairs and capital improvement projects for KMB's water and sewer systems. Piffel provides KMB with detailed invoices for all repair and capital improvement project it performs on the water and sewer systems. During the course of its audit, Piffel also made available to the Staff for its review all documentation, including invoices and contracts that support the fees that Piffel charges to all other water and sewer utilities with which it conducts business. Based upon the Staff's review of the invoices, as well as physical inspections of facilities at KMB's systems, the Staff believes these charges are reasonable.

#### **RECOMMENDATIONS**

- 1. The Audit Staff recommends the revenue requirements calculated and described earlier in this memorandum.
- 2. The Audit Staff recommends that the Company maintain and retain proper plant and CIAC records. The Auditing Staff will meet with the Company to explain in detail how to maintain these types of records.
- 3. The Audit Staff recommends that the Company contact the Auditing Staff to obtain assistance with the preparation of their 2010 PSC annual report and to make corrections, so that the information contained within this report will be correct on a going forward basis.
- 4. In the future filing of any rate case, KMB should be required to file all of its water and sewer systems concurrently.

Agreement Attachment H

EMSD Implementation Review

#### **REPORT OF CUSTOMER SERVICE AND BUSINESS OPERATIONS REVIEW**

#### SMALL COMPANY RATE INCREASE REQUEST

#### **KMB UTILITY CORPORATION**

#### CASE NOS. WR-2010-0345 & SR-2010-0346

#### ENGINEERING AND MANAGEMENT SERVICES DEPARTMENT

The Engineering and Management Services Department (EMSD) staff initiated an informal review of the customer service processes, procedures and practices at KMB Utility Corporation (KMB or Company) in House Springs, Missouri in June 2010. The review was performed in conjunction with the Company's filed rate increase request submitted to the Missouri Public Service Commission (Commission) on May 21, 2010 and assigned case numbers WR-2010-0345 and SR-2010-0346. The Company last filed for increases in water and sewer service rates in 2005.

The Company is requesting an increase of \$12,100 in the annual sewer system operating revenues and an increase of \$18,500 in its annual water system operating revenues. These increases are only being requested for five of the seven operating areas of the water system. The requested increases are for: Hillshine Acres/Sunshine, Lakewood Hills, Warren Woods, Cedar Hill Estates/Village Green, and Crestview Acres. The request for sewer system increases includes an estimate of the amount that will be spent on an engineering report required in order to renew the Company's operating permit issued by the Missouri Department of Natural Resources (DNR).

The EMSD staff examined Company tariffs, annual reports, Commission complaint records and other documentation related to the Company's customer service operations. The EMSD staff participated in meetings with Company personnel in July 2010.

Through its audit, the EMSD staff is making three recommendations to the Company:

Implement a method that documents and records the number of all estimates used for customer bills for each service address. This recommendation must be completed within sixty (60) days of the Commission order approving the Disposition Agreement in Case No. WR-2010-0345. Implement procedures to contact customers receiving at least three consecutively estimated bills and schedule an appointment to obtain access to the customer's meter. This recommendation must be completed within sixty (60) days of the Commission order approving the Disposition Agreement in Case No. WR-2010-0345.

Pursue the feasibility of a cooperative agreement with the City of Cape Girardeau to terminate water service for delinquent sewer bills. This recommendation must be completed within ninety (90) days of the Commission order approving the Disposition Agreement in Case No. SR-2010-0346.

The specific information regarding EMSD staff's recommendations will be explained in greater detail in the Findings, Conclusions and Recommendations section of this report.

The purpose of the EMSD is to promote and encourage efficient and effective utility management. This purpose contributes to the Commission's overall mission to ensure that customers receive safe and reliable utility service at just, reasonable and affordable rates, while providing utilities the opportunity to earn a fair return on their investment.

The objectives of this review were to document and analyze the management control processes, procedures, and practices used by the Company to ensure that its customers' service needs are met and to make recommendations, where appropriate, by which the Company may improve the quality of service provided to its customers. The findings of this review will also provide the Commission with information regarding the Company's customer service operations.

The scope of this review focused on processes, procedures and practices related to:

- Customer Billing
- Meter Reading
- Credit and Collections

This report contains the results of the EMSD staff's review.

As a result of this audit, the EMSD is making recommendations to the Company to make improvements to its procedures for estimating bills and collecting delinquent sewer payments.

#### <u>History</u>

The EMSD staff previously performed a customer service review of the Company in September 2002. That review included recommendations for improvements in the areas of returned checks and depositing customer receipts. After the completion of the audit, the EMSD staff worked with the Company to ensure that improvements were made in these processes. The Company did take action to address these situations and recommendations.

An additional review was conducted by the EMSD staff in 2005 and focused on several operational issues that were prompted by customer comments and concerns. This review resulted in recommendations made to the Company in the areas of computerized customer billing, estimated bills, customer complaint logs, documentation with regard to the utilization of outside contractors, and the formalization of credit and collection policies. The Company accepted the EMSD staff's recommendations and met with Staff several times to discuss how best to comply with the recommendations. The recommendations and their present status are as follows:

#### <u>Investigate and analyze the alternatives to provide computerized customer and</u> <u>billing systems in an efficient and effective manner.</u>

The Company has addressed this recommendation and the EMSD staff considers it completed.

#### <u>Develop an effective method to track the number and location of estimates used for</u> <u>customer billings.</u>

The Company has not completed this recommendation. The EMSD staff will make additional recommendations regarding estimated bills in this report.

#### Develop and utilize a series of procedures to attempt contact with customers receiving consecutive estimated bills. These procedures should include efforts on the part of the Company to schedule appointments to obtain access to the meter.

The Company has taken steps to contact customers receiving estimated bills and attempt to gain access to the meter. The EMSD staff will make additional recommendations regarding estimated bills in this report.

# Develop and utilize a log that documents the complaints and inquiries received by the Company. Ensure that records are maintained for two years.

The Company has addressed this recommendation and the EMSD staff considers it completed.

<u>Maintain the appropriate documentation regarding the utilization of outside</u> <u>contractors, including Piffel Excavating Company.</u>

The Company has addressed this recommendation and the EMSD staff considers it completed.

Develop and document a set of procedures to be utilized in dealing with delinquent accounts and communicate this information to the customer in a mailing or brochure.

The Company has addressed this recommendation and the EMSD staff considers it completed.

*Develop a customer informational brochure to be distributed to all customers informing them of the rights and responsibilities of the customer and the Company.* The Company has addressed this recommendation and the EMSD staff considers it completed.

# Consider and evaluate the use of deposits for new customers, consistent with the provisions of 4CSR 240-13.050, to assist the Company in its management of bad debt.

The Company has addressed this recommendation and the EMSD staff considers it completed.

The EMSD staff has reviewed the present status of these recommendations and this report will focus on the opportunities for improvements in the area of consecutive estimated meter readings for bills and credit and collections efforts.

#### **Overview**

The current owner purchased KMB in September 2000 and subsequently acquired the Cedar Hill Water Company in February 2001. The Cedar Hill system was effectively merged with KMB's operations in 2003 as part of the Commission's Order in Case No. WM-2003-0194. The current owner also owns and operates an excavating company, Piffel Excavating Company, located in the House Springs, Missouri vicinity.

KMB rents office space and shares some work with the excavating company. The Office Manager for both companies handles the administrative functions such as answering phone calls, maintaining records and performing customer billing. Office hours are maintained Monday through Friday from 8 am to 5 pm and all calls after that time are routed to a paging system. Emergencies that occur during non-business hours are routed to the Company's outside contractors, Piffel Excavating Company, for service work.

These personnel will either correct the problem or contact the owner for instructions. Piffel employees maintain time sheets indicating the work performed, hours worked and the system where the work was located. The office maintains a notebook with information regarding customer calls and inquiries.

KMB has seven water systems and one sewer system. The water system names, county location and number of customers are displayed in the following table.

WATER SYSTEMS			
Name	County	No. of Customers	
Cedar Hill Estates	Jefferson	193	
Crestview Acres	Franklin	55	
High Ridge Manor	Jefferson	84	
Hillshine Acres	Franklin	33	
Lakewood Hills	Jefferson	116	
Scotsdale	Jefferson	37	
Warren Woods	Jefferson	21	

Source: MoPSC Auditing Department

The sewer system, Cape Rock Village, is located near Cape Girardeau, Missouri and has 218 customers who are charged on a flat rate.

#### Meter Reading Process

The Company utilizes an outside company, Franklin County Lab, to read its meters on a pre-determined schedule each month. The table below lists the information provided to the EMSD staff regarding the monthly schedule for meter reading at each of the water systems.

System	Date Read
Cedar Hill Estates	Billed on the 15 <sup>th</sup> -reads begin 2 days before
Crestview Acres	Billed on the 1 <sup>st</sup> -reads begin 2 days before
High Ridge Manor	Billed on the 1 <sup>st</sup> -reads begin 2 days before
Lakewood Hills	Billed on the 1 <sup>st</sup> -reads begin 2 days before
Hillshine	Billed on the 1 <sup>st</sup> -reads begin 2 days before
Scotsdale	Billed on the 1 <sup>st</sup> -set amount each month
Warren Woods	Billed on the 1 <sup>st</sup> -reads begin 2 days before

Source: Company response to EMSD information request

Meter reading has been performed by employees of Franklin County Lab and provided to the office manager since early 2010. Readings are entered into the billing system and bills are produced and mailed to the customers. When the Company is unable to obtain an actual reading, an estimate is produced by the billing software.

Two of the systems, Hillshine and Crestview Acres, have inside water meters. As part of the Disposition Agreement in Case No.WR-2006-0286, customers of Hillshine and Crestview Acres have the option to read their own meters eleven (11) months of the year. Customers in these two subdivisions are mailed a bill that includes a space on the return stub for them to provide an actual meter reading. Once a year, the Company makes an attempt to obtain an actual reading to make any corrections necessary. The Company has indicated that they have been able to obtain customer supplied readings or Company obtained readings from many of the customers in each system. However, a review of meter reading sheets for the two systems still indicate that most meters are being estimated because of a lack of access to the inside meters.

The Disposition Agreement in Case No.WR-2006-0286 addressed a requirement for the Company to replace existing inside meters at Hillshine and Crestview with new meters to include remote reading devices. Customers had the option to obtain a new meter with the remote reading device. If they did not agree to this, then the meter would be moved outside and the costs charged directly to the customer. All of the customers located on these two systems refused to allow the Company to install the remote devices primarily due to a requirement to drill through the foundation of their homes and in February 2009 the Commission granted the Company a waiver of compliance with the sections of the Disposition Agreement that addressed this issue.

The Company has been able to improve its performance in reading meters in the other systems since the EMSD staff's prior review. The issue of estimated bills continues to be a challenge for the Company in the Hillshine Acres and Crestview Acres subdivisions where almost all of the meters are inside.

#### **Customer Billing Process**

The Company updated its billing software in 2005 and presently utilizes Sequoah Software to enter meter readings, produce bills and post payments. The printed bills are normally mailed to the customer the same day that the meter readings are entered. The billing software maintains 36 months of data and the Company indicates it has records from 1998.

New customers may initiate service by calling the office and requesting that the bill be put in their name. An application form will be mailed to them to be filled out and returned. Deposits are not required of any customers.

#### **Credit and Collections**

The customer is able to pay their bill by remitting a check, cash or money order. The Company indicated that almost all of the payments are by check. Payments are almost always mailed to the office and are posted to the customer's account the day they are received.

Customers are given thirty (30) days in which to make their payment. After that time, they will be assessed a fee of \$5 or 3% of the bill amount, whichever is greater. The next bill mailed to the customer will note that it is delinquent and payment is due. If the customer's account is still delinquent when the third bill is mailed, they will also receive a letter informing them that their service is in danger of disconnection. The letter also informs the customers that they have an additional two (2) weeks to make payment and tells them to contact the office. In addition, the Company attempts to make phone contact with the customer, and also leaves a hang tag informing them of the pending disconnection. Since 2009, the Company has attempted to be more aggressive with respect to the collection of its delinquent accounts while following the rules regarding contact with the customer prior to disconnection of service.

The sewer system, Cape Rock Village, located in Cape Girardeau, Missouri has encountered the most challenges with respect to collection of delinquent bills. It is difficult and costly to discontinue sewer service to a delinquent customer. The Company has accrued the greatest amounts of write-offs and delinquencies attributable to its sewer operations. The owner of KMB has recently contacted the city of Cape Girardeau regarding a cooperative agreement to discontinue water service in those cases where the sewer charges have not been paid. However, the city is not willing to enter into such an agreement.

#### Findings, Conclusions and Recommendations

The following discussion presents a summary of the findings, conclusions and recommendations pertaining to the Company's customer service operations. The information presented in this section focuses on the following areas that require Company management's attention:

- Meter Reading
- Credit and Collections

#### Meter Reading

The Company is often unable to obtain an actual read on all meters on an annual basis, particularly for the Hillshine and Crestview Acres areas. They are also unable to easily determine and track the number of readings that have been estimated consecutively at a customer location.

The Company has experienced difficulty with monitoring the level of estimated bills rendered and the number of consecutive estimated bills. Meter reading sheets note if the prior bill was estimated but do not indicate the number of estimates. Some readings used for billing may have been the result of a customer supplied reading. The billing system used to maintain information on customer accounts does not provide the number of consecutive estimated bills at a specific premise over the course of the year without a tedious review of each record or a review of each meter sheet. Overall, there is no summary document that allows them to record the number of estimated bills for each service address.

Estimated bills are never a preferred outcome because they do not reflect actual usage. In addition, estimated bills may not approximate actual usage if they are continually based upon estimated meter readings month after month.

Commission Rule 4 CSR 240-13 is the Service and Billing Practices for Residential Customers of Electric, Gas and Water Utilities and therefore applies to the water operations of KMB. This rule sets out specific requirements for various customer service functions conducted at the Company. Commission Regulation 4 CSR 240-13.020(2)(B) states, " that a utility shall not render a bill based on estimated usage for more than three (3) consecutive billing periods, except under certain conditions." If the Company

does render an estimated bill for three (3) consecutive billing periods, the Company is required to take specific actions to contact the customer and try to obtain an actual reading. 4 CSR 240-13.020(3).

The previous 2005 EMSD Audit Report discussed and made recommendations in the area of estimated bills. Although the Company did not complete the prior recommendations as noted in the front of this report, the EMSD staff has determined customer bills can be improved by the Company taking several steps. These steps would focus upon 1) the maintenance and utilization of information and 2) efforts to obtain an actual meter reading on an annual basis. The Company needs to be aware of the frequency of consecutive estimated billings and target those customers that have received an excessive number of estimated bills to obtain an annual reading.

#### THE EMSD STAFF RECOMMENDS THAT COMPANY MANAGEMENT:

Develop an effective method to track the number and location of consecutive estimates used for customer billings and the reasons for the estimates. This recommendation must be completed within sixty (60) days of the Commission order approving the Disposition Agreement in Case No. WR-2010-0345.

Once the Company can determine the number and location of estimated meter readings, it should then develop a series of specific actions to be taken in attempting to obtain an actual reading. This series of procedures will assist it in addressing the requirements of Commission Regulation 4 CSR 240-13.020(3) which specifies the actions required when the Company is unable to obtain an actual meter reading for three (3) consecutive billing periods. Company management should ensure and document that there is a serious effort to read all meters at least once a year. In any instance, where circumstances prevent the operator from reading the meter, the reasons for the estimate must be documented and actions implemented to attempt to obtain an actual reading.

#### THE EMSD STAFF RECOMMENDS THAT COMPANY MANAGEMENT:

Develop and utilize procedures to attempt contact with customers receiving consecutive estimated bills. These procedures should include efforts on the part of the Company to schedule appointments to obtain access to the meter. This recommendation must be completed within sixty (60) days of the Commission order approving the Disposition Agreement in Case No. WR-2010-0345.

#### **Credit and Collections**

The Company has been unable to successfully disconnect its delinquent sewer customers' services due to the complexity and cost associated with this action. A recent inquiry into developing a cooperative agreement with the city of Cape Girardeau, Missouri was denied by the city. The EMSD staff is aware of other instances where the water and sewer providers enter into cooperative agreements to provide this service. Companies report a mutual benefit in receiving their payments for services and actually find that they do not have to resort to this disconnection very often.

#### THE EMSD STAFF RECOMMENDS THAT COMPANY MANAGEMENT:

Pursue the feasibility of the development of a cooperative agreement with the City of Cape Girardeau regarding termination of water service for delinquent sewer bills. This recommendation must be completed within ninety (90) days of the Commission order approving the Disposition Agreement in Case No. SR-2010-0346. Agreement Attachment I

Summary of Case Events

KMB Utility Corporation Case #SR-2010-0346 Summary of Case Events

Date Filed Day 150 Extension?	May 21, 2010 October 18, 2010 Yes Complete installation of guide
If yes, why?	rails at lift station.
Amount Requested: Amount Agreed Upon	\$12,100 \$1,905
Item(s)/Dollar(s) Driving Rate Increase	Elimination of health insurance Hiring of Contract Operators PSC Assessment
Number of Customers	218
Rate of Return Return on Equity	9.02% 9.02%
Assessments Current Annual Reports Filed Statement of Revenue Filed Other Open Cases before Commission	Yes Yes Yes WR-2010-0345
Status with Secretary of State	Good Standing
DNR Violations	No
Significant Service/Quality Issues	None