Steven L. Beshear Governor

Robert D. Vance, Secretary **Environmental and Public Protection Cabinet** 

Larry R. Bond Commissioner **Department of Public Protection** 



Commonwealth of Kentucky **Public Service Commission** 211 Sower Blvd. P.O. Box 615 Frankfort, Kentucky 40602-0615 Telephone: (502) 564-3940 Fax: (502) 564-3460

John W. Clay Vice Chairman

**Mark David Goss** 

Chairman

Caroline Pitt Clark Commissioner

April 1, 2008

psc.ky.gov

Ronald J. Osborne Secretary R. A. Williams Development Co., Inc. d/b/a Cedarbrook Treatment Plant Suite 1A 153 Prosperous Place Lexington, KY 40509

RE: Case No. 2008-00042

We enclose one attested copy of the Commission's Order in the above case.

Sincerely,

Stephanie Stumbo **Executive Director** 

SS/tw Enclosure



## COMMONWEALTH OF KENTUCKY

#### BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF THE R. A. WILLIAMS	)
DEVELOPMENT CO., INC. D/B/A	CASE NO.
CEDARBROOK TREATMENT PLANT FOR THE	1
APPROVAL OF THE PROPOSED INCREASE IN	' 2008-00042 )
RATES FOR WATER SERVICE	<b>)</b>

## ORDER

On February 4, 2008, R. A. Williams Development Co., Inc. d/b/a Cedarbrook Treatment Plant ("Cedarbrook") applied to the Commission for an adjustment in water rates. Commission Staff, having performed a limited financial review of Cedarbrook's operations, has prepared the attached report containing Staff's findings and recommendations regarding the proposed rates. All parties should review the report carefully and submit any written comments on Staff's findings and recommendations or requests for a hearing or informal conference no later than 14 days from the date of this Order.

### IT IS THEREFORE ORDERED that:

- 1. All parties shall, no later than 14 days from the date of this Order, submit written comments, if any, regarding the attached Staff Report or requests for a hearing or an informal conference.
- 2. Any party requesting a hearing shall include in its request its comments as to the particular finding of the Staff Report to which it objects and a brief summary of testimony that it would present at hearing.

3. If no request for a hearing or an informal conference is received within the14 days, this case shall stand submitted to the Commission for decision.

Done at Frankfort, Kentucky, this 1st day of April, 2008

By the Commission

#### STAFF REPORT

ON

## R. A. WILLIAMS DEVELOPMENT CO., INC.

#### D/B/A CEDARBROOK TREATMENT PLANT

CASE NO. 2008-00042

Pursuant to a request by R. A. Williams Development Co., Inc. d/b/a Cedarbrook Treatment Plant ("Cedarbrook") for assistance with the preparation of a rate application, Commission Staff performed a limited financial review of Cedarbrook's test period operations, the calendar year ending December 31, 2006. The scope of Staff's review was limited to obtaining information as to whether the test period operating revenues and expenses were representative of normal operations. Insignificant or immaterial discrepancies were not pursued and are not addressed herein.

Upon completion of its limited review, Staff presented to Cedarbrook a draft rate application containing a pro forma income statement reflecting Staff's findings and recommendations. On February 4, 2008, Cedarbrook submitted its rate application to the Commission for consideration. Cedarbrook and Cedarbrook Utilities, LLC jointly submitted an application on February 14, 2008 requesting approval of the transfer of the treatment and collection facilities from Cedarbrook to Cedarbrook Utilities, LLC, which the Commission docketed as Case No. 2008-00040.<sup>1</sup>

Cedarbrook accepted the findings and recommendations of Staff's review and included those as its pro forma operating statement in its application, which is appended

<sup>&</sup>lt;sup>1</sup> Case No. 2008-00040, Joint Application of R.A. Williams Construction Company, Inc. and Cedarbrook Utilities, LLC for Approval of the Transfer of Wastewater Treatment Plant to Cedarbrook, Utilities, LLC.

hereto as Attachment A. Given the proposed transfer of ownership of Cedarbrook's assets, Staff is revising the original findings and recommendations of its field review. Staff's revised pro forma operations and explanations of its revisions are attached hereto as Appendix B.

Eddie Beavers of the Commission's Division of Financial Analysis is responsible for the pro forma revenue adjustment and the calculation of the recommended rate. Mark Frost of the same division is responsible for all pro forma expense adjustments, the revised pro forma adjustments, and the revenue requirement determination.

Cedarbrook determined that it's requested pro forma operations would support a revenue requirement from rates of \$37,937, an increase of \$23,525 or 163.232 percent above the normalized revenue from rates of \$14,412. Using its requested revenue requirement, Cedarbrook calculated a flat monthly rate of \$62.00. As shown in Appendix C of this report, Staff's revised pro forma operations combined with an 88 percent operating ratio results in a revenue requirement from rates of \$28,392, an increase of \$13,980 or 97.002 percent above the normalized revenue from rates of \$14,412. The calculation of Staff's recommended flat residential rate of \$46.40 is contained in Appendix C.

Staff's recommended revenue requirement from rates will allow Cedarbrook to cover its pro forma operating expenses, and provide for future equity growth. The rate contained in Attachment C will produce the revenue requirement determined reasonable herein of \$28,392, and therefore, Staff recommends that the Commission accept that rate.

Staff Report Case No. 2008-00042

# **Signatures**

Prepared by: Mark C. Frost

Financial Analyst, Water and Sewer Revenue Requirements Branch Division of Financial Analysis

Prepared by: Eddie Beavers

Rate Analyst, Communications, Water

and Sewer Rate Design Branch Division of Financial Analysis

# APPENDIX A STAFF REPORT CASE NO. 2008-00042 CEDARBROOK'S REQUESTED PRO FORMA OPERATIONS

	Test Period Actual		Pro Forma Adjustments		Ref.	Pro Forma Operations	
Operating Revenues:							
Residential	\$	13,813	\$	599	(a)	\$	14,412
Misc. Operating Revenues		411		0			411
Total Operating Revenues	\$	14,224	\$	599		\$	14,823
Operating Expenses:			•				
Operation & Maint. Exp:							
Sludge Hauling	\$	4,383	\$	(3,054)	(b)	\$	1,329
Utility Service - Water		408		Ò			408
Testing/Analysis of Effluent		0		1,896	(c)		1,896
Electricity		2,879		0			2,879
Chemicals		1,308		(150)	(d)		1,158
Misc Sup & Exp – Treat. & Disp.		8,785		(8,785)	(e)		0
Routine Maintenance Fee		8,590		122	(f)		8,712
Maintenance		0		3,825	(g)		3,825
Office Supplies		34		0			34
Outside Services - Legal		0		78	(h)		78
Outside Services - MGT		13,865		(1,865)	(i)		12,000
Total Operation & Maint. Exp.	\$	40,252	\$	(7,933)		\$	32,319
Depreciation		511		(257)	(j)		254
Amortization		0		1,181	(k)		1,181
Taxes Other than Income Tax		107		0			107
Total Operating Expenses	\$	40,870	\$	(7,009)		\$	33,861
Net Operating Income	\$	(26,646)	\$	7,608		\$	(19,038)
Other Income:		,					
Interest Dividend Income		130		0			130
Net Income	\$	(26,516)	\$	7,608		\$	(18,908)

#### a. Normalized Operating Revenues - Residential:

Revenue normalization using end-of-period customer level and the current tariffed rate.

Current Tariffed Rate	\$	23.55
Multiplied by: Residential End-of-Period	x	51
Monthly Revenue	\$	1,201
Multiplied by: 12-Months	x	12
Normalized Annual Revenues from Rates	\$	14,412
Less: Reported Residential Operating Revenues		13,813
Pro Forma Adjustment	\$	599

#### b. Sludge Hauling Expense:

In the test-period, Cedarbrook expensed several items (CCTV Sewer lines, Root Cutting, and Cleaning the Creek) that are considered nonrecurring and should be removed from expenses and amortized. Also, a prior period expenditure has been removed from the test-period operations. To reflect the removal of the prior period and the non-recurring costs, sludge hauling expense has been reduced by \$4,782. The associated amortization is discussed in a following adjustment.

Invoice Date	Description	A	mount
01/03/06	Cleaning Creek & Pumping Treatment Plant - 11/30/05	\$	300.00
01/31/06	Cleaning out the creek - 1/4/06		300.00
01/31/06	Cleaning out the creek - 1/22/06		300.00
02/20/06	CCTV of Sewer Lines		1,982.00
02/20/06	Root Cutting (Flat Rate)		1,000.00
03/07/06	Cleaning out the creek - 2/2/06		300.00
03/07/06	Pump Digester & Chlorine Basin - 2/27/06		318.00
08/01/06	Pumping Treatment Plant		159.00
08/01/06	Cleaning out the creek		300.00
08/01/06	Pumping Treatment Plant		159.00
11/02/06	Cleaning out the creek		300.00
11/02/06	Pumping rear lift station		375.00
11/02/06	Pump Chlorine Basin & skim clarifier	+	318.00
Sludge Hauling Ex	pense	\$	6,111
Less: CCTV & Ro			(2,982)
Less: Creek Clear	ning		(1,500)
Less: Prior Period	Expenditure	+	(300)
Test-Period Sludge	e Hauling Expense	\$	1,329
Less: Reported SI	udge hauling Expense		4,383
Pro Forma Adjustn	nent	\$	(3,054)

## c. Testing/Analysis:

Currently Cedarbrook is paying Fouser Environmental a monthly testing fee of \$158. This adjustment reflects the annual testing cost of \$1,896.

Monthly Testing/Analysis Fee	\$	158
Multiplied by: 12-Months	X	12
Annual Testing/Analysis Expense	\$	1,896

### d. Chemicals:

This adjustment reflects the actual test-period chemical costs.

Invoice Date	Vendor	Description		Amount
01/31/06	Brockyln Utilities	Chlorine Test Kit	\$	120.25
02/20/06	Farmdale Development	1 - 100LB HTH Drum		140.95
02/20/06	Brockyln Utilities	Chlorine Tablets		148.40
03/30/06	Brockyln Utilities	Chlorine Tablets		148.40
05/31/06	Brockyln Utilities	Chlorine Tablets		148.40
10/20/06	Covered Bridge	Chlorine Tablets		105.00
12/02/06	Covered Bridge	1 - 100LB HTH Drum		149.40
12/02/06	Covered Bridge	Chlorine Tablets	+	198.75
Test-Period Che	emical Expense		\$	1,159.55
Less: Reported	Chemical Expense		<del>-</del>	1,308.00
Pro Forma Adju	stment			(148.45)

#### e. Misc Sup & Exp - Treatment & Disp.:

Expenditures reported in this account have been transferred to the correct accounts.

Misclassified Expenses \_\_\_\_\$ (8,785)

### f. Maintenance:

In the test-period, Cedarbrook expensed several items that are considered to be capital expenditures that should be removed from expenses and depreciated. Those costs have been removed and operating expenses increased by \$3,825 to reflect test-period maintenance expense. The associated depreciation is discussed in a following adjustment.

Invoice Date	Vendor	Description	A	mount
01/31/06	Camden Environmental	Supplies & labor for blower motor assembly	\$	88
Multiple Visits	Camden Environmental	Local Serviceman Extra Visit - I/I Problems		900
03/07/06	Camden Environmental	Extra Time Feb. Sludge return problems		45
06/30/06	Camden Environmental	Mow & Trim plant site 3 @ \$25		75
11/02/06	Camden Environmental	Mow & Trim plant site		350
01/17/06	Covered Bridge	Installed Used Blower		1,363
01/31/06	Covered Bridge			230
02/20/06	Covered Bridge	Installed used blower motor		633
04/13/06	Covered Bridge	Installed New Sheaves - Plant Blower		458
05/19/06	Covered Bridge	New Diffusers		1,090
09/25/06	Covered Bridge	Cleaned Building/Serviced Blower		549
10/20/06	Covered Bridge	Serviced effluent pump		334
11/02/06	Covered Bridge	Repair electrical starter on blower motor		230
12/02/06	Covered Bridge	Repaired Effluent Pump	+	566
Subtotal			\$	6,911
Remove:	Used Blower			(1,363)
	Used Blower Motor			(633)
	New Diffusers		+	(1,090)
Test-Period Mair	ntenance Expense		\$	3,825

## g. Routine Maintenance:

Currently Cedarbrook is paying Camden Environmental a monthly fee of \$726 for a licensed wastewater operator. This adjustment reflects the annual maintenance cost of \$8,712.

Monthly Routine Maintenance Fee	\$	726
Multiplied by: 12-Months	X	12
Normalized Routine Maintenance Expense	\$	8,712
Less: Reported Routine Maintenance Expense	<u>-</u>	8,590
Pro Forma Adjustment	\$	122

#### h. Outside Services Employed - Legal

Test-period operating expenses have been increased to reflect the legal fees incurred for collecting pastdue accounts

11/01/06 Cecil F. Dunn Collection of Accounts \$\frac{78}{}

#### i. Outside Services Employed

Ronald Osborne, Cedarbrook's owner has entered into a contract with Covered Bridge Utilities to manage and operate Cedarbrook for a fee of \$1,000 per month. This adjustment reflects the annual cost of the \$1,000 management service fee.

Management/Operation Fee	\$	1,000
Plus: Discharge Analysis Fee	_+	130
Monthly Revenue	\$	1,130
Multiplied by: 12-Months	X	12
Annual Management-Testing Expense	\$	13,560
Less: Reported Routine Maintenance Fee	_	8,590
Pro Forma Adjustment	_\$	4,970

## j. Depreciation Expense:

The original plant should have been fully depreciated in 2005; therefore the associated depreciation expense has been removed. Also, the capital costs have been depreciated over their useful lives.

		Dep	reciation		
	Exper	nditure	Life	Ex	pense
Installed Used Blower	\$ 1,	362.78	10	\$	136
Installed used blower motor	\$	633.48	10		63
New Diffusers	\$ 1,	089.91	20		54
Plant Fully Depreciated in 2005				+	(511)
Pro Forma Adjustment				\$	(258)

#### k. Amortization Expense:

The non-recurring costs have been amortized over their useful lives.

			Amortization				
	_ Exp	enditure	Life	Ex	pense		
CCTV & Root Cutting	\$	2,982	20	\$	149		
Cleaning the Creek	\$	1,500	5		300		
Legal Fees	\$	4,391	6	+	732		
Pro Forma Adjustment				\$	1,181		

# APPENDIX B STAFF REPORT CASE NO. 2008-00042 STAFF'S REVISED PRO FORMA OPERATIONS

Account Titles	Pi	Pro Forma Pro Form		Revised Pro Forma Adjustments		Pr	ff Revised to Forma perations
Operating Revenues:	_		_	_		•	
Residential	\$	14,412	\$	0		\$	14,412
Misc. Operating Revenues		411		0			411
Total Operating Revenues	\$	14,823	_\$	0		_\$_	14,823
Operating Expenses:							
Operation & Maint. Exp:							
Owner/Manager Fee	\$	0	\$	3,600	(a)	\$	3,600
Sludge Hauling		1,329		0			1,329
Utility Service - Water		408		0			408
Testing/Analysis of Effluent		1,896		0			1,896
Electricity		2,879		0			2,879
Chemicals		1,158		0			1,158
Misc Sup & Exp - Treat. & Disp.		0		0			0
Routine Maintenance Fee		8,712		0			8,712
Maintenance		3,825		0			3,825
Office Supplies		34		0			34
Outside Services Emp Legal		78		0			78
Outside Services Emp MGT		12,000		(12,000)	(a)		0
Total Operation & Maint. Exp.	\$	32,319	\$	(8,400)		\$	23,919
Depreciation		254		0			254
Amortization		1,181		0			1,181
Taxes Other than Income Tax		107		00			107
Total Operating Expenses	\$	33,861	\$	(8,400)		\$	25,461
Net Operating Income	\$	(19,038)	\$	8,400		\$	(10,638)
Other Income:							
Interest Dividend Income		130		0			130
Net Income	\$	(18,908)	\$	8,400		\$	(10,508)

# a. Management and Owner/Manager Fees:

In the test period, Cedarbrook paid Covered Bridge Utilities a monthly managerial fee of \$1,000. The contract between Cedarbrook and Covered Bridge Utilities was negotiated between two unaffiliated companies. Covered Bridge and Cedarbrook Utilities, LLC have common ownership, Marty Cogan and Larry Smither. Therefore, if the proposed transfer is approved the compensation paid to Mr. Cogan and Mr. Smither for their management duties will become a less-than-arms-length transaction. At that time Mr. Smither and Mr. Cogan will be entitled to be compensated for their managerial services and will be at liberty to share in any profits from the utility operations.

In a case involving a sewer of comparable size to Cedarbrook the Commission stated that "[w]hile an owner/manager is responsible for overseeing the daily operations of the system and monitoring the ongoing litigation, for a small sewer system such as Shadow Wood that does not constitute full-time employment." In that preceding the utility did not present any convincing evidence to suggest that its operations differ significantly from those of others to require greater administrative oversight and a larger administrative salary. The Commission found that an, owner/manager fee of \$3,600 is consistent with the level of expense awarded other small, privately owned sewer treatment utilities, in that \$3,600 is a reasonable and adequate level of compensation for all appropriate duties performed by management in a normal year of operations.

Since the transfer has yet to be approved there is no documentation to show that Cedarbrook will require greater administrative oversight to support an owner/manager fee larger than the \$3,600 fee the Commission has determined reasonable and adequate. Accordingly, Staff is eliminating the \$12,000 management fee from Cedarbrook's pro forma operations and replacing it with a \$3,600 owner/manager fee.

<sup>&</sup>lt;sup>2</sup> Case No. 2001-00423, The Application of Shadow Wood Subdivision Sewer Service, A Joint Venture of Fourth Avenue Corporation and Long Corporation D/B/A Shadow Wood Subdivision Sewer Service for an Adjustment of Rates Pursuant to the Alternative Rate Filing Procedure for Small Utilities, (Ky. PSC September 6, 2002).

# APPENDIX C STAFF REPORT CASE NO. 2008-00042 REVENUE REQUIREMENT AND RATE DETERMINATION

# **Operating Ratio Determination**

	Cedarbrook Pro Forma		Staff	
			Pro Forma	
Operating Revenues	\$	14,823	\$	14,823
Divided by: Operating Expenses	÷	33,861	÷	25,461
Operating Ratio		43.776%		58.218%
Revenue Requireme	nt Detern	nination		
Operating Expenses	\$	33,861	\$	25,461
Divided by: Operating Ratio	÷	88%	<u>+</u>	88%
Requested Revenue Requirement	\$	38,478	\$	28,933
Less: Interest Income		130		130
Requested Revenue Requirement - Operations	\$	38,348	\$	28,803
Less: Misc. Operating Revenues		411		411_
Revenue Requirement - Sewer Rates	\$	37,937	\$	28,392
Less: Normalized Operating Revenue		14,412		14,412
Requested Increase in Revenue from Rates	\$	23,525	\$	13,980
Percentage Increase		163.232%		97.002%
Rate Determ	nination			
Requested Revenue Requirement	\$	37,937	\$	28,392
Divided by: 12-Months		12		12
Monthly Requested Revenue Requirement	\$	3,161.40	\$	2,366.00
Divided by: End-of-Period Customer Level		51.0		51.0
Monthly Rate per Customer	\$	62.00	\$	46.40