Exhibit No.:

Issue(s): STEP Connection Charge/

Rate Case Expense/ Customer Deposits/ Capital Structure/ Return on Equity/

Non-STEP Depreciation

Witness/Type of Exhibit: Addo/Rebuttal Sponsoring Party: Public Counsel SR-2014-0247

REBUTTAL TESTIMONY

OF

WILLIAM ADDO

Submitted on Behalf of the Office of the Public Counsel

Central Rivers Wastewater Utility, Inc.

CASE NO. SR-2014-0247

December 5, 2014

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Central Rivers Utility,)	
Inc.'s Small Company Rate)	File No. SR-2014-0247
Increase Request.)	

AFFIDAVIT OF WILLIAM ADDO

STATE OF MISSOURI)	
)	S
COUNTY OF COLE)	

William Addo, of lawful age and being first duly sworn, deposes and states:

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

William Addo

Public Utility Accountant I

Subscribed and sworn to me this 5th day of December, 2014.

NOTARY SEAL ST

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

Jerene A. Buckman Notary Public

My Commission expires August 23, 2017.

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REBUTTAL TESTIMONY OF WILLIAM ADDO

CENTRAL RIVERS WASTEWATER UTILITY, INC.

CASE NO. SR-2014-0247

1	I.	INTRODUCTION.
2	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
3	A.	William Addo, P.O. Box 2230, Jefferson City, Missouri 65102-2230.
4		
5	Q.	BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?
6	A.	I am employed by the Missouri Office of the Public Counsel ("OPC" or "Public
7		Counsel") as a Public Utility Accountant 1.
8		
9	Q.	WHAT IS THE NATURE OF YOUR CURRENT DUTIES AT THE OPC?
10	A.	My duties include performing audits and examinations of the books and records of public
11		utility companies operating within the State of Missouri under the supervision of the
12		Chief Public Utility Accountant, Mr. Ted Robertson.
13		
14	Q.	PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND OTHER
15		QUALIFICATIONS.
16	A.	I graduated in May, 2004, from the University of Ghana with a Diploma in Accounting.
17		In May 2007, I received a Bachelor of Science Degree in Business Administration
18		(Accounting Major) from the same institution. In May 2010, I received a Masters Degree

1		in Business Administration (Accounting Major) from Lincoln University in Jefferson
2		City, Missouri.
3		
4	Q.	HAVE YOU RECEIVED SPECIALIZED TRAINING RELATED TO PUBLIC
5		UTILITY ACCOUNTING?
6	A.	Yes. I have attended the National Association of Regulatory Utility Commissioners
7		("NARUC") Annual Regulatory Studies Program.
8		
9	Q.	HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE MISSOURI PUBLIC
10		SERVICE COMMISSION ("COMMISSION" OR "MPSC")?
11	A.	Yes. Please refer to Schedule WA-1, which is attached to this Testimony, for a list of
12		cases in which I have previously filed testimony.
13		
14	II.	PURPOSE OF TESTIMONY.
15	Q.	WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?
16	A.	The purpose of my Rebuttal Testimony is to respond to the Direct Testimonies of the
17		MPSC Staff witness, Mr. James A. Merciel, Jr., and Central Rivers Wastewater Utility,
18		Inc.'s ("Central Rivers" or "Company") witness, Mr. Mark E. Geisinger, regarding Septic
19		Tank Effluent Pump ("STEP") "Connection Charges". This Testimony will further
20		address Mr. Mark E. Geisinger's position regarding rate case expense. I will also address

the Direct Testimony of the MPSC Staff witness, Mr. Matthew R. Young, as it relates to customer deposits and the MPSC Staff's overall rate increase recommendation in this case.

III. SEPTIC TANK EFFLUENT PUMP CONNECTION CHARGES.

Q. WHAT IS THE ISSUE?

A. This issue pertains to STEP Connection Charges that Central Rivers over-collected from some of its customers, including whether the over-collections should be refunded to the customers that paid a Connection Charge in excess of the Company's tariff rates; if a refund is ordered by the Commission, what rate base treatment should be afforded to the refund amounts; and, whether Central Rivers' request to increase its Connection Charges be authorized by the Commission.

Q. PLEASE PROVIDE A BRIEF BACKGROUND TO THIS ISSUE.

A. Central Rivers' presently existing tariff provides, among other provisions, "All single family residential customers utilizing a STEP system that the Company will maintain shall pay a one-time \$4,500 connection charge for three bedroom and smaller homes and \$4,800 for four bedroom and larger homes when making application for service. This charge includes any and all costs associated with watertight septic tank, post construction testing of tank and system, pump or pumps, effluent filters, electrical control panel, splice

A.

box and wiring from control panel to septic tank, wiring from stubbed out electrical service at customer home to control panel, 4" SCH 40 (or equal) piping from single family residence to septic tank up to 120 linear feet, 1" SCH 40 (or equal) piping from septic tank to main collection systems line up to 800 linear feet, risers and lids, service connection valves and appurtenances, and inspections."

Q. HAS CENTRAL RIVERS ADHERED TO THIS PROVISION?

No. The Company engaged in improper conduct by arbitrarily charging and collecting from some of its customers amounts that are above the Commission-authorized tariff. As of March 31, 2014, the update period in this case, Public Counsel estimates that the Company has over-collected \$44,920 from its customers. It must be noted that this amount is Public Counsel's best estimate since the Company, in responses to different data requests, provided inconsistent information. For example, the Company's response to the MPSC Staff's "Follow-up Questions for Central Rivers" Data Request No. 14, shows that the Company over-collected Connection Charges for 82 installations. The Company's response to Public Counsel's Data Request No. 1236 (5), shows that the Company over-collected Connection Charges for 78 installations. My analysis of the Company's books and records indicates that the Company over-collected Connection Charges for 76 installations. In addition, information made available by a customer at the Company's local public hearing held on November 20, 2014 shows that Central Rivers

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

has self-servingly charged the customer an amount of \$1,200 over and above the already inflated \$5,200 STEP Connection Charge billed to the customer. The Commission-authorized cost buildup for STEP Connection Charge includes a cost for 1 inch piping from customer's septic tank to the sewer main up to 800 linear feet; however, Central Rivers, on its Application for Sewer Service, attached to this Testimony as Schedules WA-2 and WA-3, reduced the included linear feet to 200 and charged the customer an additional fee for footages over the 200 feet. Public Counsel was not privy to this information during the initial audit and believes that further investigation is warranted to unearth similar charges that might have been billed to other customers. Therefore, the \$44,520 amount would have to be trued-up based on accurate information as this case progress.

Q. WHAT IS THE MPSC STAFF'S POSITION REGARDING THIS ISSUE?

A. Mr. James A. Merciel, Jr., on page 15, lines 17 through 22, and continuing on page 16, lines 1 through 21, of his Direct Testimony, among other recommendations, recommends that all over-collected amounts should be refunded to the specific customers who paid the incorrect Connection Charges, and Central River be allowed a 3-year time frame within which to make the refunds available to the specific customers. On page 11, lines 11 through 22 of his Direct Testimony, Mr. Merciel contemplates the rate base treatment to be afforded to the refund amounts, but he made no specific recommendation. Regarding

Central Rivers' request to increase its STEP Connection Charges, Mr. Merciel, on page 14, lines 19 and 20, of his Direct Testimony, states that "since Staff is not able, by choice of CRW, to audit the expenses that comprise Connection Charges, Staff at this time takes the position that no increase should be approved."

O. WHAT IS THE COMPANY'S POSITION ON THIS ISSUE?

- A. The Company has not offered any position on refunding the over-collected Connection Charges nor on the rate base treatment to be afforded the refund amounts. However, on page 7, lines 27 through 30, of his Direct Testimony, Company witness, Mr. Mark E. Geisinger, formulates the following Q & A:
 - Q. DO YOU PROPOSE ANY CHANGES TO THE CONNECTION CHARGE FOR THE STEP UNIT?
 - A. Yes. I propose that the connection charge be increased to a onetime \$6,000 connection charge for each home.

Q. WHAT IS THE PUBLIC COUNSEL'S POSITION ON THIS ISSUE?

A. First, Public Counsel's position is that the Commission should order Central Rivers to refund all the over-collected amounts, with accrued interest, to the customers that paid a Connection Charge in excess of the Company's tariff rates within 1-year of the effective date of the Commission's Report and Order in this case. It is not just and reasonable for

any public utility – in this case Central Rivers – to arbitrarily charge its customers unauthorized amounts that it so desires. The time-tested utility regulation in the State of Missouri enjoins all public utility companies operating under the jurisdiction of the Missouri Public Service Commission to follow the terms of their Commission-authorized tariff. Central Rivers undoubtedly violated the terms of its tariff; therefore, the Commission should order a refund of the over-collected amounts. Additionally, it is not fair for the affected customers to be forced to provide their hard-earned money for the utility's use for an extended period of time without a finding by the Commission that it is just and reasonable for Central Rivers to pay interest on the over-collected amounts.

Second, it is Public Counsel's position that the total refund amount, if authorized by the Commission, should be removed from Plant-in-Service and Contributions in Aid of Construction (CIAC). This adjustment will ensure consistency so that Plant-in-Service and CIAC will not be overstated.

Third, it is Public Counsel's position that the Commission reject Central Rivers' request to increase Connection Charges to a one-time \$6,000 for each home. Central Rivers has not justified the increase it is requesting. During the course of my audit, specifically on July 9, 2014, Public Counsel issued Data Request No. 1235 to the Company to provide, or make available for our review, detailed documentation that supports all costs incurred by the Company in installing and connecting <u>each</u> STEP system. The response to this

Data Request is attached to this Testimony as Schedules WA-4, WA-5, and WA-6. A follow-up request, Data Request No. 1236 (7), issued to the Company on November 5, 2014, requesting similar information, yielded no auditable information. The burden of proof lies with Central Rivers to justify any cost it wants to include in its rates; I believe Central Rivers has not met that burden. It is also important to note that Central Rivers, in an attempt to justify the \$6,000 amount it wants to include in rates going forward, provided inconsistent and conflicting support. This anomaly is summarized, and attached to this Testimony as Schedule WA-7. The \$6,000 amount is excessive, unreasonable, and lacks support. At this juncture, I will refer the Commission to a STEP connection price quote tendered in by a customer at the Company's local public hearing which was admitted into the record as Local Public Hearing Exhibit 1, and also attached to this Testimony as Schedule WA-8.

- Q. YOU MENTIONED THAT IT IS PUBLIC COUNSEL'S POSITION THAT THE

 COMMISSION SHOULD ORDER CENTRAL RIVERS TO PAY INTEREST ON THE

 OVER-COLLECTED AMOUNTS; WHAT IS THE TOTAL INTEREST COMPONENT

 THAT PUBLIC COUNSEL IS RECOMMENDING THE COMMISSION ORDER

 CENTRAL RIVERS TO REFUND CUSTOMERS?
- A. By my calculations, the total interest component of the over-collected amounts would amount to \$8,524. Again, this amount is Public Counsel's best estimate. The inconsistencies cited earlier in this Testimony regarding this issue also permeate the

calculation of this amount. This amount would have to be trued-up based on accurate information as this case progress.

Q. HOW WAS THIS AMOUNT CALCULATED?

A. First, I utilized the Company's response to Public Counsel's Data Request No. 1236 (5) to estimate a time frame that the Company collected the overcharged Connection Charges from each customer.

Second, I subtracted each estimated time frame from the update period in this case, March 31, 2014, to derive the number of days that the Company unlawfully held each customer's money. The total number of days was then divided by 365 days to derive the total number of years that the Company unlawfully held each customer's money.

Third, I multiplied each customer's allocable over-collected amount by a 6% interest rate per annum (Commission-authorized customer deposit interest rate for the Company) to derive the yearly accrued interest that is due each customer.

Fourth, I multiplied each customer's yearly accrued interest by the number of years that the Company unlawfully held each customer's money to derive the total accrued interest that is due each customer.

Fifth, I summed up the total accrued interest of each customer to derive the total interest component.

A.

Q. WHY DOES PUBLIC COUNSEL BELIEVE THAT THE COMMISSIONAUTHORIZED 6% INTEREST RATE FOR CUSTOMER DEPOSITS IS THE
APPROPRIATE INTEREST RATE TO USE UNDER THIS CIRCUMSTANCE?

Public Counsel believes that both customer deposit amounts and the over-collected amounts received from customers represent cost-free funds provided by certain customers for taking sewer service from Central Rivers; therefore, in the absence of any definitive determination on an applicable interest rate to be applied in the event of an overcharging, the Commission-authorized 6% interest rate for customer deposits is an appropriate proxy at this time. It is noteworthy for the Commission's consideration that Central Rivers' current cost of debt (the interest rate that Central Rivers pays for borrowing money from its bank) as determined by the MPSC Staff is 9.75%. This percentage is significantly higher than the 6% that Public Counsel is recommending to the Commission. Public Counsel is, however, considering the option of using a Company's cost of debt and applicable compounding period in developing its position in future cases when similar situations occur.

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- Q. DOES PUBLIC COUNSEL HAVE ANY OTHER CONCERNS REGARDING THIS **ISSUE?**
- A. Yes. On page 11, and continuing on page 12, of his Direct Testimony, Mr. Mark E. Geisinger states that it is extremely important from an operational and environmental view point to allow Central Rivers to have the sole discretion as to who may install STEP or STEG units. Public Counsel is opposed to any such tariff language. Public Counsel believes that customers, rather than the Company, deserve to be given the sole discretion as to who installs their STEP or STEG. Public Counsel will support, however, a tariff change that will allow the Company to recommend material specifications and inspection prior to the installation and connection of STEP or STEG by any customer.
- Q. PLEASE SUMMARIZE PUBLIC COUNSEL'S RECOMMENDATION REGARDING THIS ISSUE.
 - Public Counsel recommends that the Commission should order Central Rivers to refund all the over-collected Connection Charge amounts, with accrued interest, to the customers that paid a Connection Charge in excess of the Company's tariff rates, and do so within 1-year of the effective date of the Commission's Report and Order in this case. The MPSC Staff's recommendation of a 3-year period is too long for the "captive" customers to receive monies that were illegitimately taken from them. Public Counsel also asks the Commission to order Central Rivers to furnish Public Counsel and the MPSC Staff with

1 monthly reports detailing refund amounts paid to each customer, and the amounts 2 remaining to be paid to each customer. 3 4 Additionally, Public Counsel recommends that the refund amounts, once authorized by 5 the Commission, must be removed from Plant-in-Service and CIAC. 6 7 Public Counsel also recommends that the Commission deny Central Rivers' request to 8 increase STEP or STEG installation and connection charges, and the Company's request 9 that Central Rivers be given the sole discretion to install and connect the STEP or STEG 10 units. 11 RATE CASE EXPENSE. 12 IV. 13 WHAT IS THE ISSUE? Q. 14 This issue concerns the amount of rate case expense to be included in the calculation of A. 15 Central Rivers' cost of service. 16 17 WHAT IS THE MPSC STAFF'S POSITION REGARDING THIS ISSUE? Q. 18 A. The MPSC Staff has not offered testimony regarding this issue. 19 20 WHAT IS THE COMPANY'S POSITION?

1	A.	The Company, in its Direct Testimony, attached certain invoices that it purports
2		constitute rate case expenses incurred by the Company.
3		
4	Q.	WHAT IS THE PUBLIC COUNSEL'S POSITION?
5	A.	Public Counsel is still evaluating the prudence of the invoices that the Company purports
6		constitute rate case expenses; and, since this cost is an ongoing cost, Public Counsel will
7		update its position as this case progress.
8		
9	v.	CUSTOMER DEPOSITS.
10	Q.	WHAT IS THE ISSUE?
11	A.	This issue concerns the MPSC Staff's recommendation to the Commission that
12		Central Rivers should be authorized to refund customer deposits to its customers
13		over a 2-year period.
14		
15	Q.	WHAT ARE CUSTOMER DEPOSITS?
16	A.	Customer deposits are funds required to be provided by certain customers of a utility
17		company as a security deposit against potential non-payment for utility service.
18		
19		

that "there has been no interest calculated on the customer deposits."

A.

Q. WHAT IS THE COMPANY' POSITION ON THIS ISSUE?

3

the willingness, in meetings, to refund all current customer deposits, with accrued

Even though the Company has not offered testimony on this issue, it has expressed

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interest, and to cease collecting customer deposits in the future.

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Q. WHAT IS THE PUBLIC COUNSEL'S CONCERN REGARDING THE MPSC STAFF'S

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RECOMMENDATION?

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authorize Central Rivers to refund customer deposits to customers over a 2-year time frame. Public Counsel's position is that the Commission should order Central Rivers to refund all customer deposit amounts, with accrued interest, to customers within 1-year of the effective date of the Commission's Report and Order in this case. Commission Rule

Public Counsel is opposed to the MPSC Staff's recommendation to the Commission to

4 CSR 240-13.030(4) (D) states:

Upon satisfactory payment of all undisputed utility charges during the last twelve (12) billing months, it shall be promptly refunded or credited, with accrued interest, against charges stated on subsequent bills. Payment of a charge is satisfactory if received prior to the date upon which the charge becomes delinquent provided it is not in dispute. Payment of a disputed bill shall be satisfactory if made within ten (10) days of resolution or withdrawal of the dispute. A utility may withhold refund of a deposit pending the resolution of a dispute with respect to charges secured by the deposit.

According to Public Counsel's audit, it seems some customers established a satisfactory payment history to warrant a refund of their customer deposit as far back as the year 2000. Therefore, Public Counsel believes that a two-year time frame is too long for customers to wait in addition to the ample time that they have already waited.

Q. DOES PUBLIC COUNSEL HAVE ANY OTHER CONCERNS REGARDING THIS

ISSUE?

- A. Yes. The MPSC Staff in its recommendation to the Commission did not provide for any reporting mechanism by Central Rivers that would ensure that customers receive the exact refund that is due them. The MPSC Staff also did not make any recommendation to the Commission regarding the total dollar amount to be refunded by Central Rivers.
- Q. HAVE YOU CALCULATED THE TOTAL DOLLAR AMOUNT OF CUSTOMER DEPOSITS THAT CENTRAL RIVERS WOULD HAVE TO REFUND TO ITS CUSTOMERS?
- A. Yes. I utilized the Company's response to Public Counsel's Data Request No. 1237 through 1239 to determine this amount. By my calculations, customer deposits would amount to \$16,022 and the accrued interest on the deposits would amount to \$7,186; resulting in the total dollar amount of \$23,208. A detailed

workpaper that shows step by step calculation of these amounts will be provided to all the parties in this case in accordance with the terms of the Procedural Schedule established in this case.

Q. PLEASE SUMMARIZE PUBLIC COUNSEL'S RECOMMENDATION REGARDING THIS ISSUE.

A. Public Counsel recommends that the Commission order Central Rivers to refund all customer deposit amounts, with accrued interest, to the customers within 1-year of the effective date of the Commission's Report and Order in this case. Public Counsel also asks the Commission to order Central Rivers to furnish Public Counsel and the MPSC Staff with monthly reports detailing customer deposit refund amounts paid to each customer, and the amounts remaining to be paid to each customer.

- VI. STAFF'S OVERALL RATE INCREASE RECOMMENDATION.
- Q. WHAT IS THE MPSC STAFF'S OVERALL RATE INCREASE RECOMMENDATION IN THIS CASE?
- A. In his conclusion and recommendation segment, page 40, lines 6 through 8, of his Direct Testimony, Mr. Matthew R. Young states "Staff is recommending that no rate or fee increase be authorized by the Commission because Central Rivers is unable to support its rate increase request with actual cost information in support of its cost of service."

A.

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19 20 Q. HAS CENTRAL RIVERS PROVIDED YOU WITH ADEQUATE ACTUAL COST INFORMATION THROUGHOUT THE COURSE OF YOUR AUDIT?

No. As Mr. Matthew R. Young correctly represented throughout his Direct Testimony, Central Rivers did not provide adequate actual cost information to support the rate increase it requested. A greater proportion of the cost information provided by the Company was based on estimates, and in some instances, inconsistent information as I have pointed out earlier on in this Testimony. For example, approximately \$126,000 of the amount Central Rivers requested to be included in its cost of service is based on estimated contract amounts billed by its affiliate – Construction Services and Management, LLC ("CSM"). This \$126,000 amount, even after the MPSC Staff disallowed about \$26,000, represents approximately 76% of the Company's claimed total cost of service as determined by the MPSC Staff. The Company could not substantiate any of the contracted amounts in terms of actual costs that CSM incurred in providing the alleged services stated in the contract document. Unsubstantiated costs originating from an affiliate deserve a great deal of scrutiny, especially when a clear distinction cannot be drawn between Central Rivers and CSM. There were also instances during my audit when I came across multiple invoices that were billed by CSM directly to Central Rivers' customers for STEP connections - this raises suspicion concerning the justness and reasonableness of the STEP Connection Charges and under what authority CSM is billing utility customers.

1	Q.	IS IT YOUR UNDERSTANDING THAT THE MPSC STAFF AND CENTRAL RIVERS
2		REACHED AN AGREEMENT REGARDING A PARTIAL DISPOSITION OF THIS
3		SMALL COMPANY RATE INCREASE REQUEST?
4	A.	Yes. On October 7, 2014, the MPSC Staff and the Company filed a Notice of
5		Company/Staff Agreement Regarding Partial Disposition of Small Company Rate Increase
6		Request.
7		
8	Q.	IS THE MPSC STAFF'S ACCOUNTING SCHEDULE FILED WITH THE PARTIAL
9		DISPOSITION THE SAME AS THE "ESTIMATED" ACCOUNTING SCHEDULE
10		FILED CONCURRENTLY WITH THE MPSC STAFF'S DIRECT TESTIMONY?
11	A.	Yes.
12		
13	Q.	DOES THE PUBLIC COUNSEL HAVE CONCERNS WITH THE ACCOUNTING
14		SCHEDULE FILED WITH THE PARTIAL DISPOSITION AND WITH STAFF'S
15		DIRECT TESTIMONY?
16	A.	Yes. In addition to the concerns I have stated earlier in this Testimony, Public Counsel had,
17		and still has, concerns with the MPSC Staff's calculation of capital structure and return on
18		equity, and non-STEP CIAC depreciation offset.
19		
20		

O. I	PLEA	SE	EXP	LAIN.
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A. The MPSC Staff calculated an amount of \$110,300 as Central Rivers' total capitalization (rate base); however, it appears the MPSC Staff erroneously used an amount of \$95,601 as the Company's total capitalization when calculating the Company's capital structure and return on equity. Public Counsel believes that the \$110,300 amount should be correctly applied in determining the Company's capital structure and return on equity.

Regarding the non-STEP depreciation offset, the MPSC Staff trued-up Plant-in-Service and CIAC balances through March 31, 2014, but has not trued-up non-STEP deprecation offset to reflect the matching principle. The MPSC Staff instead utilized December 31, 2013 non-STEP depreciation offset amount (\$32,187) in its Accounting Schedule. Public Counsel recommends that an adjustment be made to reflect the trued-up amount. By my

Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?

calculations, non-STEP depreciation offset would amount to \$(34,171).

A. Yes, it does.

WILLIAM ADDO

COMPANY	CASE NO.
Empire District Electric Company.	ER-2012-0345
Lincoln County Sewer and Water Company, LLC.	SR-2013-0321 WR-2013-0322
Kansas City Power & Light Company and Kansas City Power & Light Greater Missouri Operations Company.	EU-2014-0077
Lake Region Water and Sewer Company.	WR-2013-0461
Liberty Utilities (Midstates Natural Gas) Corporation d/b/a Liberty Utilities.	GR-2014-0152

Central Rivers Wastewater Utility, Inc.

	Application For Sewer Service	Exhibit No. 2
Billing Name:	Country Hill Estates ~	Date 11. Agad Reporter File No. 52 - 2014 - 02
Site Address:	Builder Resident 9266 NE Country Hill Packway Cameron MD 64429	Phone #: Fluid D3 Fax #:
Lot Number: Billing Address: (if different)	Lot #3	DEC 1.2014 Misseuri Public E-ma Service Commiss
Collection System a Connection Cost mu Monthly Rate Customer agrees to p charge shall begin up	Waste Strength	Ibs BOD5/Day Mar Daily Average OKWA ction to Wastewater ice area. The Service begin.
Payment is due by the by the 15 th of the mopayment charge of §	64.00 shall be made for all new customers. the 1 st (first) of the following month. If paymenth the company reserves the right to discort 6.50 will apply per each delinquent month. It scontinuation of service there will be a chart	ntinue service. A late If delinquency of
This Agreement between the Central Rivers V	veen the customer <u>Subs</u> Signature Vastewater Utility, Inc. is made this date	<u></u>

P.O. Box 528 Kearney, MO 64060

Phone: (816) 366-0520 Fax: (816) 366-0521

LAM ELS

Central Rivers Wastewater Utility, Inc.

Invoice

BILL TO

Spencer Investments, LLC 9266 NE Country Hill Parkway Cameron, MO 64429 DATE

INVOICE #

2/8/2009

2028

DESCRIPTION

AMOUNT

360 ft of 1 inch pipe from main to tank. 200 ft of 1 inch pipe included in installation of Collection Equipment. Charge for extra 160 ft of 1 inch pipe. Labor, Material & Machine-Cost is \$7.50 per foot. 160 ft X \$7.50

1,200.00

Sour (Mail) To: F.S.B. OK'd 2/10/09 Aik Siemen

Total

\$1,200.00

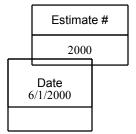
P.O. Box 528 Kearney, MO 64060

Phone: (816) 366-0520 Fax: (816) 366-0521

CONSTRUCTION SERVICES & MANAGEMENT LLC

10040 Rock Falls Rd Orrick, MO 64077

Name / Address	
CRWW STEP System Install	
-	



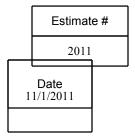
Description	Total
STEP System Installation and Connection to Sewer Main	
Materials: riser lid, riser, riser plate, 1500 gallon concrete tank, electrical splice box, control panel, 1" grommet, control float, alarm float, pump vault, effluent pump, 4' of 3/4" conduit, 2- 3/4" conduit male adapters, 45' of 4" PVC pipe, 1- 4" cap, 1- 4" wye, 1- 4" cleanout with cap, 3- 4" 45's, 220' of 1" PVC pipe, 5- 1" 90's, 1- 1" ball valve, 1- 1" check valve, 1- 1" union, 1 1/4" x 1" bushing, 2x1 tapping saddle, 6' of 6" riser pipe, 60' of 12/3 direct buy wire, 60' of 14/3 direct bury wire, glue and rectorseal	2,256.00
Labor: Mobilization fee, locates and office support, plumber, laborer, backhoe with operator & startup	2,352.00
Insurance & Fuel Surcharge	192.00

	Total	\$4,800.00
--	-------	------------

CONSTRUCTION SERVICES & MANAGEMENT LLC

10040 Rock Falls Rd Orrick, MO 64077

Name / Address	
CRWW STEP System Install	
-	



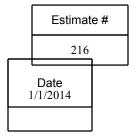
Description	Total
STEP System Installation and Connection to Sewer Main	
Materials: riser lid, riser, riser plate, 1500 gallon concrete tank, electrical splice box, control panel, 1" grommet, control float, alarm float, pump vault, effluent pump, 4' of 3/4" conduit, 2- 3/4" conduit male adapters, 45' of 4" PVC pipe, 1- 4" cap, 1- 4" wye, 1- 4" cleanout with cap, 3- 4" 45's, 220' of 1" PVC pipe, 5- 1" 90's, 1- 1" ball valve, 1- 1" check valve, 1- 1" union, 1 1/4" x 1" bushing, 2x1 tapping saddle, 6' of 6" riser pipe, 60' of 12/3 direct buy wire, 60' of 14/3 direct bury wire, glue and rectorseal	2,632.00
Labor: Mobilization fee, locates and office support, plumber, laborer, backhoe with operator & startup	2,744.00
Insurance & Fuel Surcharge	224.00

Total \$5,600.00

CONSTRUCTION SERVICES & MANAGEMENT LLC

10040 Rock Falls Rd Orrick, MO 64077

Name / Address	
CRWW STEP System Inst	all
•	



Description	Total
STEP System Installation and Connection to Sewer Main	
Materials: riser lid, riser, riser plate, 1500 gallon concrete tank, electrical splice box, control panel, 1" grommet, control float, alarm float, pump vault, effluent pump, 4' of 3/4" conduit, 2- 3/4" conduit male adapters, 45' of 4" PVC pipe, 1- 4" cap, 1- 4" wye, 1- 4" cleanout with cap, 3- 4" 45's, 220' of 1" PVC pipe, 5- 1" 90's, 1- 1" ball valve, 1- 1" check valve, 1- 1" union, 1 1/4" x 1" bushing, 2x1 tapping saddle, 6' of 6" riser pipe, 60' of 12/3 direct buy wire, 60' of 14/3 direct bury wire, glue and rectorseal	2,844.42
Labor: Mobilization fee, locates and office support, plumber, laborer, backhoe with operator & startup	2,925.00
Insurance & Fuel Surcharge	230.58

Total \$6,000.00

STEP System Installation & Connection to Sewer Main – Price Breakdown

Cost Item	Response to Staff's Data Request No. 0013.1 7/28/2014	Response to Staff's Data Request No. 0013.1 9/23/2014
Material	\$2844.42	\$3083.25
Labor	\$2925.00	\$2246.36
Gravel for Bedding	-	\$399.50
Fuel Surcharge	-	\$25
Insurance & Fuel	\$230.58	-
Surcharge		
Tax	-	\$245.89
Total	\$6000	\$6000

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Missouri Public Service Commission

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