KNOX COUNTY UTILITY COMMISSION 1905 KY 930 P.O. BOX 8 ARTEMUS, KENTUCKY 40903 606-546-5300 Office 606-546-3099 FAX

February 28, 2006



MAR - 2 2006

PUBLIC SERVICE COMMISSION

Beth O'Donnell, Executive Director Public Service Commission 211 Sower Boulevard Post Office Box 615 Frankfort, Kentucky 40602

Case No. 2006-00076

Dear Ms. O'Donnell,

Enclosed is an application to establish initial operations and a tariff for the Knox County Utility Commission Sewer Division. Enclosed you will find the original application and five copies. Due to the expense of producing additional copies, we request a deviation from 807 KAR 5:001 Section 8 (2) that requires 10 copies. A copy of the petition has also been forwarded to the Attorney General's Office.

Sincerely,

Richip Sharbilip

Richard Shackleford, Chairman

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF KNOX COUNTY UTILITY COMMISSION FOR APPROVAL OF AN INITIAL TARIFF ESTABLISHING RULES, REGULATIONS, AND RATES FOR SERVICE OF ITS NEWLY FORMED SEWER DIVISION

CASE NO. 2006-00096

PETITION TO ESTABLISH INITIAL TARIFF

Pursuant to Administrative Regulation 807 KAR 5:001, Section 8, 807 KAR 5:011, and Kentucky Revised Statute 278.160 the Knox County Utility Commission ("Knox County") petitions the Commission for approval of initial operations of its Sewer Division and to establish a tariff that includes rules, regulations, and rates for sewer services.

Knox County currently provides water service to approximately 2,500 customers in the Kentucky Counties of Knox, Bell and Whitley through its water treatment and distribution facilities. On December 2, 2003, the Knox County Board of Commissioners approved a resolution forming a sanitary sewer system. This resolution is shown at Attachment A.

The creation of the Sewer Division was made necessary by extension of the city of Barbourville's waste water collection system by the Knox County Fiscal Court into the service territory of Knox County, specifically the "Bimble Area". Construction of the extension is anticipated to be complete by April, 2006. The extension project consists of 6,600 linear feet of 8" gravity sewer line, 10,400 linear feet of 6" force main, and a

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pumping station. The total cost of the improvement is estimated to be \$872,075. The entire cost of the improvement was funded through a grant from the Wastewater Treatment Program of the PRIDE Initiative administered to the Knox County Fiscal Court. Once complete all interest and title to the improvements will transfer to Knox County. Knox County will operate the sewer collection system and deliver all waste water collections to the city of Barbourville for treatment.

The Sewer Division will immediately serve 30 residential customers and the newly constructed Knox Central High School. Knox County requests approval from the Commission to apply the tariff as included with this application at Attachment B to the customer's receiving sewer service. The proposed tariff meets all requirements of 807 KAR 5:011. Knox County respectfully requests that the Commission approve and make the tariff effective 30 days from the date the Commission receives the petition. Cost justifications for the rates included in the tariff are shown at Attachment C.

Respectfully Submitted Chairman

Vice Chairman

Commissioner

Attachment A

RESOLUTION

Excerpts from the minutes of the duly held meeting of the Knox County Utility Commission, Artemus, Kentucky, held on the 2nd day of December, 2003 at the Knox County Courthouse.

After discussion and on motion duly made, seconded and unanimously passed,

NOW, THEREFORE, Be it Resolved by the Board of Commissioners of Knox County Utility Commission that the District passed a resolution to form a sanitary sewer system.

WHEREUPON, the Chairman declared the resolution duly passed and adopted by the Knox County Utility Commission.

Wendell Hammons, Chairman

Attest:

Sam Watts, Secretary

CERTIFICATE OF SECRETARY

I, Sam Watts, hereby certify that I am the duly qualified and acting Secretary of the Knox County Utility Commission of Knox Co., KY., that the foregoing Resolution is a true copy of the Resolution authorizing Wendell Hammons, Chairman of the District, to legally sign the Resolution duly adopted by the District at a meeting held December 2nd, 2003 and that the Resolution appears as a matter of public record in the official records of the District.

Sam Watts, Secretary

SEAL OF DISTRICT

Attachment B, Page 1 P.S.C. KY. NO1	
CANCELLING P.S.C. KY. NO	
KNOX COUNTY UTILITY COMMISSION, SEWER DIVISION	
P O BOX 8	
ARTEMUS, KENTUCKY 40903	
RATES & CHARGES	
AND RULES & REGULATIONS	
FOR FURNISHING	
SEWER SERVICE	
IN	
KNOX, WHITLEY, AND BELL COUNTIES KENTUCKY	
FILED WITH THE	
PUBLIC SERVICE COMMISSION	
OF	
KENTUCKY	
DATE OF ISSUE <u>7tb 28 2006</u> Month / Date / Year DATE EFFECTIVE <u>April 3 2006</u> Venth / Date / Year ISSUED BY <u>Charter (Signature of Officer)</u> ITTLE Charman	

	FOR Knox, Whitley and	t B ₁ T ₅ 2 <u>Bell Counties</u> y, Town or City
	P.S.C. KY. NO.	1
Knox County Utility Commission Sewer Division (Name of Utility)	SHEET NO	•
	CANCELLING P.S.C. KY.	NO
(reame of centry)	SHEET N	0
	CONTENTS	

Rates for Service.

Monthly Rate

\$6.25 per 1,000 gallons of water

Sewer service rates will be applied to water consumed by customers for which the Knox County Utility Commission is assessed a treatment fee by the city of Barbourville. For example, the Knox Central High School will not be charged sewer service rates for water used to water its athletic fields so long as the city of Barbourville does not charge a wastewater treatment fee for this water.

Late Payment Penalty.

Any customer not paying their bill before the stated due date will be assessed a ten (10) percent late payment penalty. The penalty will be assessed only once on any bill for rendered services. Any payment received from the customer will first be applied to the bill for service rendered. Additional penalty charges will not be assessed on unpaid penalty charges.

Returned Check Charge

A \$25 returned check charge will be assessed one time for each returned check. Only one \$25 charge will be assessed by the Knox County Utility Commission for those paying a water and sewer bill with the same check that is subsequently returned.

Tap fee.

Residential Customers

Other

IN CASE NO.

\$1,185

Actual Costs

When actual costs of taps are to be paid by a customer, Knox County Utility Commission shall provide the customer with an itemized cost estimate of installing the tap. The customer will be required to deposit the estimated amount with Knox County Utility Commission. Once the tap has been installed Knox County Utility Commission will provide to the customer an itemized list of the actual tap costs as compared to the itemized estimate. At that time Knox County Utility Commission will collect or refund any differences in the amount deposited and the actual cost.

DATE OF ISSUE	2/28/2006
	Month / Date / Year
DATE EFFECTIVE	4/3/2006/
ISSUED BY R.C.	Month / Date / Year
	(Signature of Officer)
TITLE Chairman	
BY AUTHORITY OF ORDE	R OF THE PUBLIC SERVICE COMMISSION
IN CASE NO.	DATED

	Attachment B, Page 3 FOR <u>Knox, Whitley and Bell Counties</u> Community, Town or City
	P.S.C. KY. NO1
Knox County Utility Commission Sewer Division (Name of Utility)	SHEET NO2
	CANCELLING P.S.C. KY. NO
	SHEET NO

CONTENTS

Disconnection of Service for Non-Payment.

Where the Knox County Utility Commission provides water and sewer service to the same service address, discontinuance of water service will be made due to non-payment of charges for sewer service. In this event the disconnected customer will be required to pay all delinquent amounts and the water reconnection fee as provided for in the tariff of the Knox County Utility Commission's Water Division before water service is restored. This reconnection charge will be billed by and paid to the Water Division.

Where the Knox County Utility Commission provides sewer service only or where disconnection of water service is not practical, disconnection of sewer service will be made for non-payment of bill. Disconnection of sewer service will require physically digging up the pipe and disconnecting the service. Before reconnection of the sewer service is made the disconnected customer will be required to pay Knox County Utility Commission the actual cost of the disconnection and the estimated cost of reconnection. The Knox County Utility Commission will supply the customer with a billing summary itemizing the amounts of the bill for disconnecting the service and the estimated cost of reconnection. After reconnection has been made Knox County Utility Commission will reconcile the actual cost of reconnection to the estimated amount and refund or bill any differences to the customer accordingly.

The Knox County Utility Commission will discontinue service for non-payment upon advance notice to the non-paying customer. Advance notice will be made to the non-paying customer at least five (5) days prior to the anticipated disconnection date which will be stated on the notice. Under no circumstances will service be terminated before twenty (20) days after the mailing date of the original unpaid bill. Knox County Utility Commission will notify the local health department of the disconnected sewer service so that the residence will be declared uninhabitable.

The termination notice will be mailed or otherwise delivered to the last known address of the customer and will be in writing, distinguishable and separate from any bill. The termination notice will plainly state the reason for the termination, that the termination date will not be affected by receipt of any subsequent bill, and that the customer has the right to dispute the reasons for termination.

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$\wedge \wedge$	(Signature of Officer)
TITLE (hannan	
BY AUTHORITY OF ORDER OF	THE PUBLIC SERVICE COMMISSION

IN CASE NO. _____ DATED _____

	Htt. B F3 4 FOR <u>Knox, Whitley and Bell Counties</u> Community, Town or City
	P S.C. KY. NO1
	SHEET NO3
Knox County Utility Commission Sewer Division (Name of Utility)	CANCELLING P.S.C. KY. NO
	SHEET NO.
	CONTENTS

Knox County Utility Commission reserves the right to negotiate partial payment plans with any customer that has a delinquent account to avoid discontinuance of service. These plans will be made in writing.

Disconnected services will be reconnected within 24 hours after payment of all delinquent amounts including the reconnection fee.

DATE OF ISSUE	2/28/2006
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	(Signature of Officer)
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BY AUTHORITY OF ORDER OF	F THE PUBLIC SERVICE COMMISSION
IN CASE NO	DATED

Attachment	С
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Page 1

Estimated Operating Costs and Calculation of Revenue Requirement

\$ 11,998.50 (A) 1,620.00 (B) 173.00 (C) 3,600.00 (D) 50.00 (E) 8,257.24 (F)
25,698.74 0.88 \$ 29,203.12

(A)

Barbourville Utility Commission will treat the Sewer Division's waste water for a charge of \$7.50 per bill plus \$2.55 per 1,000 gallons of treated waste water. To determine the estimated cost of treatment we have estimated the annual waste water produced by a single residential customer to be 66,000 gallons (5,500 gallons, average monthly residential usage x 12 months) which is equal to the average annual water usage of the District's residential customers. The waste water produced by the new high school building is expected to be equal to the water used for human purposes at the replaced high school building. The estimated cost of treatment was then calculated as follows:

Annual water usage for a single residential customer	66,000
Anticipated number of residential customers in Bimble Area	30
Residential Gallons to be Treated	1,980,000
Highschool Gallons to be Treated	2,690,000
Total Gallons to be Treated	4,670,000
Divide by: 1,000 gallons	1,000
Thousand Gallons to be Treated	4,670
Times: Volumetric Rate of \$2.55 per Thousand Gallons	\$55
Total Volumetric Charge	11,909
Plus: Customer Charge \$7.50 x 12 monthly bills	90_
Total Estimated Treatment Expense to be Paid to Barbourville	\$ 11,998.50

(B)

The Sewer Division's operation includes one lift station that will be used to pump waste water through a portion of the sewer system. The system's design engineer estimated the purchase power costs to operate the lift station will be \$1,620 annually.

(C)

The Sewer Division's facilities will be added to Knox District's existing general liability insurance policy. Knox District's agent determined the resulting annual premium increase will be \$173.

Attachment C Page 2

(D)

The Sewer Division will be operated by Knox District's Water Division using the Water Division's employees, office building, field equipment, and supplies. Actual cost assignments and allocations of these expenses will be made as historical costs are incurred and recorded for each division. For the purpose of establishing the initial rates of the Sewer Division we ask for an allowance of \$3,600 annually to recover these expenses. This estimated amount is equal to the owner/manager fee generally allowed by the Commission to recover these types of expenses for small, investor owned sewer utilities of comparable size to the Sewer Division.

(E)

The Sewer Division will be assessed annually the minimum PSC fee of \$50.

(F)

The total project cost is estimated to be \$872,075. Design and overhead costs we're allocated to the plant categories listed below based upon each categories percentage of construction costs to total construction cost. Straight-line Depreciation was then calculated using the estimated useful lives of each asset category. Annual depreciation expense was calculated to be \$24,286

	Construction Costs	Percent to Total	Overhead Costs	Total Cost	Divide By Depreciable Life	•	preciation expense
Gravity Main Force Main Lift Station	182,290 238,705 271,917	26% 34% 39%	- 1	229,424 300,426 342,225	50 50 25	\$	4,588 6,009 13,689
Total Times: Percentage of d	692,912	100%	179,163	872,075			24,286 34%
Depreciation expense to	·		through rate	20		\$	8,257

Calculation of Volumetric Rate to Recover Estimated Revenue Req	Attachment C Page 3 uirement
Revenue Requirement	\$ 29,203.12
Thousand gallons of waste water to be treated	4,670
Rate per Thousand Gallons	6.25
Test of Tariff	
Number of residential customers	30
Times: Average monthly residential water usage per customer	5,500
Times: 12 months	12
Gallons of residential waste water to be treated	1,980,000
Projected annual waste water of the high school	2,690,000
Total annual waste water to be treated	4,670,000
Divided by: 1,000 gallons	1,000
Annual waste water to be treated in 1,000 gallons	4,670
Times: Sewer rate per 1,000	\$ 6.25
Annual revenue requirement	\$ 29,203

Attachment C Page 4

	NONRECURRING CHARGE COST JU	JSTIFICATION
Type of Cha	rge: Returned Check Charge	
1. Field Exp	ense:	
A.	Materials (Itemize)	
		\$
B.	Labor (Time and Wage)	
	Total Field Expense	\$
2. Clerical a	and Office Expense	
A.	Supplies	\$
B.	Labor	
	Total Clerical and Office Expense	\$
3. Miscellar	neous Expense	
Α.	Transportation	\$
B.	Other (Itemize)	
	Allowable fee pursuant to KRS 514.040 (4) (b)	\$25.00
	Total Miscellaneous Expense	\$
Total	Nonrecurring Charge Expense	\$25.00

Attachment C Page 5

NONRECURRING CHARGE COST JUSTIFICATION

Type of Charge: Sewer Tap on Fee 1. Field Expense: A. Materials (Itemize) <u>\$ 192.31</u> List attached 120.00 Gravel 10 ton@ 12.00/ton Blacktop 2 ton@ 24.00/ton 48.00 B. Labor (Time and Wage) 471.04 4-8hrs @ 14.72 avg./hr 2 Flagmen & 2 Laborers <u>\$ 831.35</u> **Total Field Expense** 2. Clerical and Office Expense \$ 2.30 **Supplies** A. 18.70 B. Labor \$ 21.00 **Total Clerical and Office Expense** 3. Miscellaneous Expense \$ 12.40 Transportation A. Β. Other (Itemize) 320.00 Backhoe @ 40.00/hr - 8hrs \$ 332.40 Total Miscellaneous Expense Total Nonrecurring Charge Expense \$1184.75 **Actual Cost** Larger than 6" tap

P R I C E Q U O T A T I O N WATER WORKS SUPPLIES INC 611 S KEENELAND DR RICHMOND KY 40475

Ph: 859-624-2800 Fax: 859-623-4658

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Quoted To: KNOXCOUNTY

KNOX COUNTY UTILITY COMMISSION P O BOX 8 ARTEMUS KY 40903

Ship To:KNOXCOUNTY

KNOX COUNTY UTILITY COMMISSION P O BOX 8 ARTEMUS KY 40903

Quotation Note:

Ln	Order Quant		EDP Code / Description	Net Price	UM	Ext Price
1	1.4		8SDR3514 8" PVC SDR35 IB 14' LGTH.	4.350	EA	60.90
2 3	14	*	6SDR3514 6" PVC SDR35 IB 14' LGTH. 205-0804	2.490	EA	34.86
3 4			8 X 4" PVC GKT SEWER TEE-WYE 212-0804	25.850	EA	25.85
* 5	1		8 X 4" PVC GASKET SEWER TEE 212-0604	25.670	EA	25.67
6		¥	6 X 4" PVC GASKET SEWER TEE 205-0604	16.670	EA	16.67
7	1	*	6 X 4" PVC CKT SEWER TEE-WYE DFW-4T/C	20.390	EA	20.39
8	1	X	4" FLEX SADDLE TEE WITH CLAMPS HS11-777	27.890	EA	27.89
		X	2" FPT CHECK VALVE	92.500	EA	92.50
		*	70tal 192.31		ny ny fanina amin' a	
			Quotation Total			304.73
			Sales and Use Tax Not Included			

This price quotation is subject to the Buyer's acceptance of all of the terms and conditions including any Disclaimer or Warranty, printed on the Water Works Supplies Invoice.

