CASE
NUMBER:

$$
99.300
$$

## CITY OF CYNTHIANA

## REQUEST:

Provide the general ledgers for Cynthiana's water and sewer operations for the proposed test period. These general ledgers shall include all check registers and spreadsheets used to record and track financial transactions.

## RESPONSE:

The general ledgers for Cynthiana's water and sewer operations for the proposed test period are attached hereto. Water is designated as Account No. 03-0007 and Sewer is designated as Account No. 03-0008.




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ITEM No. 4 SHEET 6 OF 162



ITEM No. 4 SHEET 9 OF 162






ITEM No. 4
SHEET 16 OF 162












ITEM No. 4


ITEM NO. 4

















































































ITEM No. 4














## CITY OF CYNTHIANA

## REQUEST:

For each outstanding revenue bond issuance related to Cynthiana's water and sewer operations:
a. Provide the bond ordinance or resolution authorizing the issuance of revenue bonds.
b. Provide an amortization schedule.
c. Provide a detailed explanation of why the debt was incurred.

## RESPONSE:

a. The bond ordinance authorizing the issuance of revenue bonds is attached hereto as Item 5, Sheets 2-42.
b. An amortization schedule is attached hereto as Item 5, Sheet 43.
c. The debt was incurred to consolidate the outstanding debt of the City.
ORDINANCE NO.
BOND ORDINANCE
AUTHORIZING
CITY OF CYNTHIANA, KENTUCKY
WATER AND SEWER REFUNDING REVENUE BONDS
SERIES 1992

- DATED SEPTEMBER 1, 1992


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## BOND ORDINANCE


#### Abstract

AN ORDINANCE OF THE CITY OF CYNTHIANA, KENTUCKY, AUTHORIZING AND PROVIDING FOR THE ISSUANCE AND SALE OF FIVE MILLION SEVEN HUNDRED TWENTY THOUSAND DOLLARS $(\$ 5,720,000)$ [PLUS OR MINUS UP TO $\$ 570,000$ ] PRINCIPAL AMOUNT OF CITY OF CYNTHIANA, KENTUCKY WATER AND SEWER REFUNDING REVENUE BONDS, SERIES 1992, DATED SEPTEMBER 1, 1992, UNDER THE PROVISIONS OF CHAPTER 82 AND SECTIONS 58.010 THROUGH 58.140 OF THE KENTUCKY REVISED STATUTES, FOR THE PURPOSE OF DEFRAYING THE COST OF THE REFUNDING OF CERTAIN OBLIGATIONS OF THE COMBINED AND CONSOLIDATED WATER AND SEWER SYSTEM.


WHEREAS, the City of Cynthiana (the "City"), a fourth class city, of Harrison County, Kentucky, presently owns and operates the combined and consolidated water and sewer system (the "System") of said City, and

WHEREAS, the City has heretofore issued its City of Cynthiana, Kentucky Water and Sewer Refunding and Improvement Revenue Bonds of 1978, dated May 1, 1978 (the "Series 1978 Bonds") in the original authorized amount of $\$ 2,820,000$ authorized by an ordinance adopted by the Board of Commissioners of the City on May 30, 1978 (the " 1978 Bond Ordinance") of which there are presently outstanding $\$ 1,220,000$ of said Series 1978 Bonds, and

WHEREAS, the City has heretofore issued its City of Cynthiana, Kentucky Water and Sewer Revenue Bonds, Series 1987, dated May 1, 1987 (the "Series 1987 Bonds") in the original authorized amount of $\$ 4,635,000$ authorized by an ordinance adopted by the Board of Commissioners of the City on May 5, 1987 (the "1987 Bond Ordinance") of which there are presently outstanding $\$ 4,420,000$ of said Series 1987 Bonds, and

WHEREAS, the City desires (i) to refinance and currently refund the outstanding Series 1978 Bonds and (ii) to refinance and advance refund the outstanding Series 1987 Bonds, and

WHEREAS, it is deemed necessary and advisable for the best interests of the City that the Board of Commissioners authorize the issuance and sale of $\$ 5,720,000$ (plus or minus up to $\$ 570,000$ ) of City of Cynthiana, Kentucky Water and Sewer Refunding Revenue Bonds, Series 1992, dated September 1, 1992 (the "Current Bonds"), for the purpose of defraying the cost (not otherwise provided) of refunding the outstanding Series 1978 Bonds and Series 1987 Bonds and to determine the conditions and
restrictions whereunder similar bonds may be subsequently issued ranking on a parity therewith, and

WHEREAS, under the provisions of Chapter 82 and Sections 58.010 through 58.140 of the Kentucky Revised Statutes, the City is authorized to issue the Current Bonds to provide such funds for the purpose aforesaid,

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF CYNTHIANA, KENTUCKY, AS FOLLOWS:

SECTION 1. DEFINITIONS. As used in this Ordinance, unless the context requires otherwise:
"ACT" refers to Chapter 82 and Sections 58.010 through 58.140 of the Kentucky Revised Statutes.
"BOARD OF COMMISSIONERS" means the Board of Commissioners of the City or such other body as shall be the governing body of said City under the laws of Kentucky at any given time.
"BOND ORDINANCE OF 1987" or "1987 BOND ORDINANCE" refers to the Ordinance authorizing the Series 1987 Bonds, which Ordinance was enacted by the Board of Commissioners of the City on May 5, 1987.
"BOND ORDINANCE OF 1978" or "1978 BOND ORDINANCE" refers to the Ordinance authorizing the Series 1978 Bonds, which Ordinance was enacted by the Board of Commissioners of the City on May 30, 1978.
"BONDOWNER" or "OWNER" means and contemplates, unless the context otherwise indicates, the registered owner of one or more of the Current Bonds at the time issued and outstanding hereunder.
"BOND REGISTRAR", "DEPOSITORY BANK", "TRANSFER AGENT", or "PAYEE BANK" refers to the bank which shall constitute the Bond Registrar, Depository Bank, Transfer Agent and Payee Bank with respect to the Current Bonds, which Depository Bank shall have the duties and responsibilities of (a) issuing semiannual checks in payment of interest requirements as to the Current Bonds, (b) paying the principal (and redemption price, if any) of same at maturity or applicable redemption prior to maturity upon surrender of the Current Bonds, (c) authenticating, issuing and delivering the Current Bonds to the original purchasers of same in accordance with the sale of the Current Bonds, at the direction of the City ( $d$ ) maintaining the Current Bonds register, (e) handling exchanges, cancellations, reissuance, redemption and all apparent duties of a Bond Registrar and Transfer Agent with respect to the Current Bonds, as hereinafter set out, and (f) serving as a depository in which all the Funds created in this Current Bond Ordinance have been, are and will continue to
be deposited. The Bond Registrar, Depository Bank, Transfer Agent and Payee Bank hereby designated is The Harrison Deposit Bank \& Trust Company, Cynthiana, Kentucky; provided, however, it is understood that the City reserves the right to designate a different Federal Deposit Insurance Corporation instrumentality to perform any and all of such functions of Bond Registrar, Depository Bank, Transfer Agent and Payee Bank as to the Current Bonds.
"BONDS" refers to the Current Bonds and any Parity Bonds.
"CERTIFIED PUBLIC ACCOUNTANTS" refers to an independent Certified Public Accountant or firm of Certified Public Accountants, duly licensed in affairs of the System and/or of other City financial matters. Until otherwise directed by the governing body of the City, such term shall be deemed to refer to the firm of Morris, Ingram \& Brunker, Cynthiana, Kentucky 41031.
"CITY" refers to the City of Cynthiana, in Harrison County, Kentucky.
"CURRENT BONDS" refers to the $\$ 5,720,000$ (plus or minus up to $\$ 570,000$ ) of City of Cynthiana, Kentucky Water and Sewer Refunding Revenue Bonds, Series 1992, dated September 1, 1992, authorized herein.
"CURRENT BOND ORDINANCE" refers to this Ordinance authorizing the Current Bonds.
"DEBT SERVICE RESERVE FUND" or "RESERVE FUND" refers to the City of Cynthiana, Kentucky Water and Sewer Debt Service Reserve Fund created in Section 11 of this Current Bond Ordinance.
"DEPRECIATION FUND" refers to the City of Cynthiana, Kentucky Water and Sewer Depreciation Fund created in Section 11 of this Current Bond Ordinance.
"ENGINEER" OR "INDEPENDENT CONSULTING ENGINEER" refers to an Independent Consulting Engineer or firm of Engineers of excellent national reputation or of recognized excellent reputation in Kentucky in the fields of waterworks and sewer engineering.
"ESCROW AGENT" refers to First National Bank of Louisville, Louisville, Kentucky.
"ESCROW AGREEMENT" refers to the Escrow Agreement, dated as of September 1, 1992, by and between the City and the Escrow Agent.


#### Abstract

"FISCAL AGENT" refers to the firm of First Kentucky Securities Corporation, State National Bank Building, Frankfort, Kentucky, 40602.


"FUNDS" refers to the Revenue Fund, the Sinking Fund, the Operation and Maintenance Fund, the Depreciation Fund and the Debt Service Reserve Fund.
"GOVERNING BODY" refers to the Board of Commissioners of the City, or such other body as shall be the governing body of said City under the laws of Kentucky at any given time.
"INTEREST PAYMENT DATE" shall mean January 1 and July 1 of each year, commencing January 1, 1993.
"OPERATION AND MAINTENANCE FUND" refers to the city of Cynthiana, Kentucky Water and Sewer Operation and Maintenance Fund created in Section 11 of this Current Bond Ordinance.
"OUTSTANDING BONDS" refers to the outstanding Current Bonds and any outstanding parity bonds, and does not refer to any bonds which have been defeased in accordance with Section 18 of this Current Bond Ordinance.
"PARITY BONDS" means bonds issued in the future, which will, pursuant to the provisions of and this Current Bond Ordinance, rank on a basis of parity with the Current Bonds, and shall not be deemed to include, nor to prohibit the issuance of, bonds ranking inferior in security to the Current Bonds.
"PERMITTED INVESTMENTS" refers to and includes (a) direct obligations of or obligations guaranteed by the United States of America, including bookkeeping entries; and (b) interest-bearing time deposits or certificates of deposit issued by banks insured by the FDIC and fully secured, to the extent of the amount in excess of the amount insured by the FDIC, by a pledge of direct obligations of, or obligations guaranteed by, the United States of America having a fair market value, exclusive of accrued interest, equal to not less than $100 \%$ of such excess amount.
"PURCHASERS" refers to the original purchasers of the Current Bonds at the public sale, including all members of their purchasing syndicate or group.
"RECORD DATE" shall mean with respect to any Interest Payment Date, the close of business on June 15 or December 15, as the case may be, next preceding such Interest Payment Date, whether or not such June 15 or December 15 is a business day.
"REFUNDING PROGRAM" refers to (i) the refinancing and current refunding of the Series 1978 Bonds and (ii) the refinancing and advance refunding of the Series 1987 Bonds, through the issuance of the Current Bonds.
"REQUIRED DEBT SERVICE RESERVE" refers to an amount, as of any particular date of computation, equal to the lesser of (i) the maximum annual debt service on all Outstanding Bonds; (ii) $10 \%$ of the proceeds of the Outstanding Bonds issued; or (iii) 125\% of the average of the annual principal and interest requirements on the Outstanding Bonds.
"REQUIRED DEPRECIATION RESERVE" refers to an amount equal to twelve months' normal requirements for the Depreciation Fund as certified by the operating engineer in charge of the System.
"REVENUE FUND" refers to the City of Cynthiana, Kentucky Water and Sewer Revenue Fund created in Section 11 of this Current Bond Ordinance.
"SERIES 1987 BONDS" refers to the outstanding $\$ 4,420,000$ of the original authorized $\$ 4,635,000$ of City of Cynthiana, Kentucky Water and Sewer Revenue Bonds, Series 1987, dated May 1, 1987.
"SERIES 1978 BONDS" refers to the outstanding $\$ 1,220,000$ of the original authorized $\$ 2,820,000$ of City of Cynthiana, Kentucky Water and Sewer Refunding and Improvement Revenue Bonds, Series 1978, dated May 1, 1978.
"SINKING FUND" refers to the City of Cynthiana, Kentucky Water and Sewer Sinking Fund created in Section 11 of this Current Bond Ordinance.
"SYSTEM" refers to the City's water and sewer systems which have been heretofore combined and consolidated into a single revenue-producing public water and sewer system, together with all future extensions, additions and improvements to said System.

SECTION 2. AUTHORIZATION OF BONDS. For the purpose of defraying the costs (not otherwise provided) of the Refunding Program, there are hereby authorized to be presently issued and sold Five Million Seven Hundred Twenty Thousand Dollars $(\$ 5,720,000)$ [plus or minus up to $\$ 570,000$ ] principal amount of City of Cynthiana, Kentucky water and Sewer Refunding Revenue Bonds, Series 1992, dated and bearing interest from September 1, 1992. In order to provide sufficient revenues to undertake the Refunding Program the principal amount of the Current Bonds shall be adjusted upward or downward as deemed necessary by the Governing Body on the date of the sale of the Current Bonds. Said Current Bonds shall mature serially on the first day of January of the respective years, as set out in Exhibit A attached hereto, and shall bear interest payable semiannually on the first days of January and July of each year, beginning on January 1 , 1993, at an interest rate or rates and in the maturities to be
fixed by Order of the Governing Body as a result of the advertised sale of the Bonds.

SECTION 3. BONDS TO BE ISSUED AS FULLY REGISTERED BONDS; REGISTERED OWNERS. The Current Bonds shall be issued only in fully registered form without coupons in the denomination of $\$ 5,000$ or any integral multiple thereof within a single maturity, and shall be numbered consecutively from R-1 upward. Each Current Bond shall bear interest from the Interest Payment Date to which interest has been paid next preceding the date on which such Current Bond is authenticated by the Bond Registrar, unless such Current Bond is authenticated on an Interest Payment Date to which interest has been paid, in which event it shall bear interest from such date, or if such Current Bond is authenticated prior to the first Interest Payment Date, such Current Bond shall bear interest from September l, 1992.

The person in whose name any Current Bond is registered on the bond register maintained by the 3ond Registrar, at the Record Date with respect to an Interest Payment Date, shall be entitled to receive the interest payable on such Interest payment Date (unless such Current Bond shall have been called for redemption on a redemption date which is prior to such Interest Payment Date) notwithstanding the cancellation of such Current Bond upon any registration of transfer or exchange thereof subsequent to such Record Date and prior to such Interest Payment Date, except in the event of default of the Current Bonds.

SECTION 4. PLACE OF PAYMENT; MANNER OF EXECUTION; AND PROVISION AS TO PRIOR REDEMPTION. The principal of (and redemption price, if any) and interest on the Current Bonds shall be payable in lawful money of the United States of America as they respectively become due, whether at maturity or by prior redemption. Principal of each Current Bond is payable upon surrender of same at the main office of the Payee Bank and Bond Registrar. Interest on the Current Bonds shall be paid by check mailed by the Payee Bank to the Bondowners as of the Record Date, at the respective addressed appearing on the bond register.

So long as any Current Bonds remain outstanding, the Bond Registrar shall keep at its principal office a bond register showing and recording a register of the Owners of the Current Bonds and shall provide for the registration and transfer of Current Bonds in accordance with the terms of this Current Bond Ordinance, subject to such reasonable regulations as the Bond Registrar may prescribe.

The Current Bond shall be executed on behalf of the City with the duly authorized reproduced facsimile signature of the Mayor, and the reproduced facsimile of its corporate seal shall be imprinted thereon and attested by the reproduced facsimile signature of the City Clerk; and said officials, by the execution of appropriate certifications, shall adopt as and for
their own proper signatures, their respective facsimile signatures on said Current Bonds; provided the Authentication Certificate of Registrar must be executed by the manual signature of the Bond Registrar on each Current Bond before such Current Bond shall be valid.

The Bond Registrar shall have the right to order the preparation of whatever number of Current Bond certificates as, in the sole discretion of the Bond Registrar, shall be deemed necessary in order to enable the Bond Registrar to maintain an adequate reserve supply of such certificates to effect properly the continuing transfers and exchanges of ownership of the Current Bonds as same are sold, exchanged and/or otherwise surrendered in the future. No further action regarding the authorization or execution of additional certificates shall be required by the Governing Body, the Mayor or the City Clerk.

At least 5 business days prior to the delivery of the Current Bonds, the Purchasers shall furnish to the Bond Registrar the name, address, social security number or taxpayer identification number of each party to whom the Current Bonds shall have been resold and in whose name the Current Bonds are to be registered and the principal amounts and maturities thereof. The Bond Registrar shall then issue and deliver to the Purchasers, - on the closing date, fully registered Current Bond certificates for each registered owner so designated.

Pending the preparation of printed Current Bonds the City may execute and, upon the City's request, the Bond Registrar shall authenticate and deliver one or more temporary Current Bond which may be printed, lithographed, typewritten, mimeographed or otherwise reproduced, in any denomination, substantially of the tenor of the printed Current Bonds in lieu of which they are delivered, in fully registered form without coupons, and with such appropriate insertions, omissions, substitutions and other appropriate and necessary variations as the officers of the City executing such temporary Current Bonds may determine, as evidenced by their signing such temporary Current Bonds.

All Current Bonds shall be exchangeable and transferable upon the presentation and surrender thereof at the office of the Bond Registrar, duly endorsed for transfer or accompanied by an assignment duly executed by the registered owner or his authorized representative, for a Current Bond or Current Bonds of the same maturity and interest rate and in any authorized denomination of $\$ 5,000$ and/or a multiple thereof within a single maturity, in an aggregate principal amount or amounts equal to the unpaid principal amount of the Current Bond or Current Bonds presented for exchange. The Bond Registrar shall be and is hereby authorized to (authenticate and) deliver exchange Current Bonds in accordance with the provisions of this Section 4. Each exchange Current Bond delivered in accordance with this Section 4 shall constitute an original contractual obligation of the City-and shall be entitled to the benefits and
security of this Current Bond Ordinance to the same extent as the Current Bond or Current Bonds in lieu of which such exchange Current Bond is delivered.

SECTION 5. REDEMPTION PROVISIONS. The Current Bonds maturing on and after January 1, 2004 shall be subject to redemption by the City prior to maturity, in whole or in part in the inverse order of their maturities (less than all of a single maturity to be selected by lot), on any interest payment date falling on or after January 1, 2003, at a redemption price expressed as a percentage of the principal amount of the current Bonds called for redemption plus unpaid interest accrued to the date of redemption as follows:

Redemption Dates (inclusive)
January 1, 2003, through July 1, 2003 102\%
January 1, 2004, through July 1, 2004 101\%
January 1, 2005 and thereafter prior to final maturity.

Redemption Price
102\%

In the event that a Current Bond subject to redemption is in a denomination larger than $\$ 5,000$, a portion or portions of such Current Bond may be redeemed, but only in a principal amount equal to $\$ 5,000$ or any integral multiple thereof, if the maturity is one of the maturities called for redemption. Upon surrender of any Current Bond for redemption in part; the Bond Registrar shall (authenticate and) deliver an exchange Current Bond or Current Bonds in an aggregate principal amount equal to the unredeemed portion of the Current Bond so surrendered.

The Bond Registrar shall give notice of any redemption by sending such notice by United States mail first class, postage prepaid, not less than 30 and not more than 60 days prior to the date fixed for redemption, to the registered owner of each Current Bond to be redeemed in whole or in part at the address shown on the bond register as of the date of mailing of such notice. Such notice shall state the redemption date, the redemption price, the place at which the Current Bonds are to be surrendered for payment, and, if less than all of the Current Bonds outstanding are to be redeemed, an identification of the Current Bonds or portions thereof to be redeemed. Any notice mailed as provided in this Section shall be conclusively presumed to have been duly given, whether or not the Bondowner receives such notice.

Prior to each redemption date, the Bond Registrar shall make provision, to the extent funds are then available therefor, for the payment of the redemption price of the Current Bonds to be redeemed on such date by setting aside and holding in trust an amount sufficient to pay such redemption price. Upon presentation and surrender of any such Current Bond at the main
corporate trust office of the Bond Registrar on or after the date fixed for redemption, the Bond Registrar shall pay the redemption price of such Current Bond (including accrued interest) from the funds set aside for such purpose.

All of said Current Bonds as to which the City reserves and exercises the right of redemption and as to which notice as aforesaid shall have been given, and for the retirement of which, upon the terms aforesaid, funds are duly provided, will cease to bear interest on the redemption date.

SECTION 6. REAFFIRMATION OF DECLARATION OF COMEINED AND CONSOLIDATED SYSTEM. The previous action of the City in declaring the existing waterworks and sewer systems of the City to constitute a combined and consolidated revenue-producing public project or System within the meaning of Sections 58.010 through 58.140 of the Kentucky Revised Statutes, is hereby authorized, approved, ratified and confirmed; and so long as any Bonds shall remain outstanding, said System shall be owned, controlled, operated; and maintained on a revenue-producing basis, for the security and source of payment of the Bonds under the authority hereinbefore stated.

SECTION 7. MUTILATED, LOST, STOLEN OR DESTROYED BONDS. If any Bond shall be mutilated, lost, stolen or destroyed, the City may execute, authenticate and deliver a new Bond of like maturity and tenor in lieu of and in substitution for the Bond mutilated, lost, stolen or destroyed; provided that, in the case of any mutilated Bond, such mutilated Bond shall first be surrendered to the City, and in the case of any lost, stolen or destroyed Bond, there shall be first furnished to the City satisfactory evidence of the ownership of such Bond and of such loss, theft or destruction, together with indemnity satisfactory to the Bond Registrar. If any such Bond shall have matured, the City (through the Bond Registrar) may pay the same instead of issuing a new Bond. The City and/or the Bond Registrar may charge the owner of such Bond its (their) reasonable fees and expenses in this connection.

SECTION 8. AUTHENTICATION OF BONDS. The Current Bonds, after execution by the city, shall be delivered to the Bond Registrar. No Current Bond shall be valid or obligatory for any purpose or be entitled to any security or benefit of this Current Bond Ordinance unless and until such Current Bond has been duly authenticated by the Bond Registrar by the execution of the Authentication Certificate of Bond Registrar appearing on such Current Bond. Such Certificate appearing on any Current Bond shall be deemed to have been duly executed by the Bond Registrar if manually signed by an authorized officer of the Bond Registrar. It shall not be required that the same officer of the Bond Registrar sign such Certificate on all of the Current Bonds.

The City shall deliver to the Bond Registrar a sufficient quantity of Current Bonds in blank to enable the Bond

Registrar to hold a quantity of Current Bonds in blank, after the initial delivery of the Current Bonds, for future authentication and exchange for such Current Bonds as may be exchanged and transferred from time to time.

SECTION 9. BONDS PAYABLE OUT OF REVENUES OF THE
SYSTEM. All of the Current Bonds, with interest thereon, and any additional Parity Bonds that may be issued and outstanding under the conditions and restrictions of this Current Bond Ordinance, are to be issued in anticipation of the revenues to be derived from the operation of said System, all as hereinafter more specifically provided, shall be payable out of the sinking Fund, and shall be a valid claim of the holders thereof against said Sinking Fund and against a sufficient portion of the gross revenues of the System pledged to said Sinking Fund.

SECTION 10. BOND FORM. The Current Bonds shall be issued in substantially the following form:

UNITED STATES OF AMERICA
COMMONWEALTH OF KENTUCKY
COUNTY OF HARRISON
CITY OF CYNTHIANA
WATER AND SEWER REFUNDING REVENUE BOND

NO. $\qquad$ DOLLARS
\$ $\qquad$
DATE OF ORIGINAL ISSUE: September 1, 1992
INTEREST RATE:
MATURITY DATE:
CUSIP:
REGISTERED OWNER:
PRINCIPAL AMOUNT:
KNOW ALL MEN BY THESE PRESENTS: That the City of cynthiana (the "City"), in the commonwealth of Kentucky, for value received, hereby promises to pay to the Registered Owner named above, or registered assigns or legal representatives, as herein provided, solely from the special fund hereinafter identified, upon presentation and surrender of this Bond, the Principal Amount specified above, on the Maturity Date specified above, and to pay interest on said sum at the per annum Interest Rate specified above, from the interest payment date to which interest has been paid next preceding the date on which this Bond is authenticated, unless this Bond is authenticated on an interest payment date to which interest has been paid, in which event this Bond shall bear interest from such date, or if this Bond is authenticated prior to the first interest payment date, this Bond shall bear interest from the Date of Original Issue set out above, semiannually on January 1 and July 1 of each year, commencing on January 1, 1993, until payment of the Principal

Amount, except as the provisions hereinafter set forth with regard to redemption prior to maturity may be and become applicable hereto. The principal amount of this Bond (and redemption price, if redeemed prior to maturity) is payable upon surrender of this Bond, at maturity or at earlier redemption prior to maturity, in lawful money of the United States of America at the main office of The Harrison Deposit Bank \& Trust Company, Cynthiana, Kentucky (the "Payee Bank" and "Bond Registrar"). Interest due on this Bond shall be paid by check or draft by mail postmarked no later than the due date thereof by the Payee Bank to the registered owner hereof at the address shown as of the 15 th day of the month preceding each interest payment date on the bond register kept by the Bond Registrar.

This Bond is part of a duly authorized issue of (\$ ), principal amount of City of Cynthiana, Kentucky, Water and Sewer Refunding Revenue Bonds, Series 1992 (the "Series 1992 Bonds") issued by the City pursuant to an Ordinance duly enacted (the "Current Bond Ordinance") under and in full compliance with the Constitution and Statutes of the Commonwealth of Kentucky, and more specifically, Chapter 82 and Sections 58.010 through 58.140 of the Kentucky Revised Statutes (the "Act"), for the purpose of providing funds sufficient for (1) the current refunding of the City of Cynthiana, Kentucky Water and Sewer Refunding and Improvement Revenue Bonds of 1978 (the Series 1978 Bonds") and (ii) the advance refunding of the City of Cynthiana, Kentucky Water and Sewer Revenue Bonds, Series 1987, dated May 1, 1987 (the "Series 1987 Bonds") payable from and secured by a pledge of the gross revenues of the existing combined and consolidated municipal water and sewer system (the "System") of the City, as is more fully set forth in the Current Bond Ordinance.

The Current Bond Ordinance reaffirms that so long as any of the Series 1992 Bonds and/or any additional bonds ranking on a parity therewith, are outstanding, the System shall be owned and operated as a combined and consolidated revenue-producing public project or system within the meaning of Sections 58.010 through 58.140 of the Kentucky Revised Statutes, for the security and source of payment of any and all of such outstanding the Series 1992 Bonds or any additional parity bonds.

It is provided in and by the Current Bond Ordinance that additional bonds ranking on a parity with the Series 1992 Bonds, may be issued and outstanding upon the conditions and restrictions provided in the Current Bond Ordinance; and these Series 1992 Bonds, together with any additional parity bonds, as may be hereafter issued and outstanding from time to time under the parity conditions and restrictions of the Current Bond Ordinance, are and will continue to be payable from and secured by a first pledge of a fixed portion of the gross income and revenues to be derived from the operation of the System, which fixed portion of said gross income and revenues shall be
sufficient to pay the principal of and interest on all of said outstanding Series 1992 Bonds and any additional parity bonds as and when the same become due and payable, and which shall be set aside as a special fund for that purpose and identified as the "City of Cynthiana, Kentucky Water and Sewer Sinking Fund" (the "Sinking Fund").

The City covenanted in the Current Bond Ordinance that so long as any of the Series 1992 Bonds and/or any additional parity bonds are outstanding, the System will be continuously owned and operated as a revenue-producing undertaking, and that the City will fix, charge, and adjust from time to time as needed, such rates for the services and facilities of the System so that the income and revenues therefrom will be sufficient to pay all of the Series 1992 Bonds and any additional parity bonds, and the interest thereon, as the same become due, to pay the cost of operation and maintenance of the System, and to provide for the depreciation thereof.

The Series" 1992 Bonds do not constitute an indebtedness of the city within the meaning of any constitutional or statutory provisions or limitations, but are payable as to both principal and interest solely out of the revenues of the System, as aforesaid.

The Series 1992 Bonds are issuable as fully registered bonds in the denomination of $\$ 5,000$ and any authorized multiple thereof within a single maturity.

This Bond is transferable by the registered owner hereof in person or by his attorney duly authorized in writing at the main office of the Bond Registrar, but only in the manner and subject to the limitations provided in the Current Bond Ordinance, and upon surrender and cancellation of this Bond, duly endorsed for transfer or accompanied by an assignment duly executed by the registered owner or his authorized representative. Upon such transfer being made, a new fully registered Series 1992 Bond or Series 1992 Bonds of the same series and the same maturity of authorized denomination, for the same aggregate principal amount, will be issued to the transferee in exchange for this Bond.

The City and the Bond Registrar may deem and treat the registered owner hereof as the absolute owner hereof for the purpose of receiving payment of principal hereof, redemption price, if any, and interest due hereon and for all other purposes, and neither the City nor the Bond Registrar shall be affected by any notice to the contrary.

The Series 1992 Bonds maturing on and after January 1, 2004 shall be subject to redemption by the City prior to maturity, in whole or in part in the inverse order of their maturities (less than all of a single maturity to be selected by lot), on any interest payment date falling on or after January 1 ,

2003, at a redemption price expressed as a percentage of the principal amount of the Series 1992 Bonds called for redemption, plus unpaid interest accrued to the date of redemption as follows:

| Redemption Dates (inclusive) | Redemption |
| :---: | :---: |
| January 1, 2003, through 1029 |  |
| July 1, 2003 | 102\% |
| January 1, 2004, through |  |
| July 1, 2004 , | 1018 |
| January 1, 2005 and thereafter |  |
| prior to final maturity. | 100\% |

In the event that a Series 1992 Bond subject to. redemption is in a denomination larger than $\$ 5,000$, a portion of such Series 1992 Bond may be redeemed, but only in a principal amount equal to $\$ 5,000$ or an integral multiple thereof. Upon surrender of any Series 1992 Bond for redemption in part, the Bond Registrar, in accordance with the Current Bond Ordinance, shall authenticate and deliver an exchange Series 1992 Bond or Series 1992 Bonds in an aggregate principal amount equal to the unredeemed portion of the Series 1992 Bond so surrendered.

The Registrar shall give notice of any redemption by sending such notice by United States Mail, first class, postage prepaid, not less than 30 and not more than 60 days prior to the date fixed for redemption, to the registered owner of this Bond at the address shown on the bond register as of the date of mailing of such notice.

It is hereby certified, recited and declared that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of the Series 1992 Bonds, have existed, have happened and have been performed, in due time, form and manner as required by law, that the amount of this Bond, together with all other obligations of said City, does not exceed any limit prescribed by the Constitution or Statutes of the Commonwealth of Kentucky, and that a sufficient portion of the gross income and revenues of the System has been pledged to and will be set aside into the Sinking Fund by the City for the prompt payment of the principal of and interest on this Bond and all of the Series 1992 Bonds, and all other bonds ranking on a parity therewith.

IN WITNESS WHEREOF, said City of Cynthiana, in the Commonwealth of Kentucky, has caused this Bond to be executed on its behalf with the duly authorized reproduced facsimile signature of the Mayor of said City, and the reproduced facsimile of its Corporate Seal to be imprinted hereon and attested by the reproduced facsimile signature of its City Clerk, dated as of the first day of September, 1992; provided, however, that this Bond shall not be valid or become obligatory for any purpose, or be entitled to any security or benefit under the Current Bond Ordinance pursuant to which it was authorized until the Authentication Certificate of Registrar printed hereon shall have been executed by the manual signature of a duly authorized representative of the Bond Registrar.

By
(Facsimile Siqnature)
Attest:
$\qquad$ Mayor
(Facsimile Signature)
City Clerk
(Facsimile Seal)
(FORM OF AUTHENTICATION CERTIFICATE OF REGISTRAR)
AUTHENTICATION CERTIFICATE OF REGISTRAR
This is to certify that this Bond is one of the Series 1992 Bonds referred to in the within Bond and in the Current Bond Ordinance authorizing same.

The Authentication Date of this Bond is:

Cynthiana, Kentucky
Bond Registrar

By
Authorized Officer

For value received, the undersigned hereby sells, assigns, and transfers unto
the within Bond and hereby
irrevocably constitutes and appoints $\qquad$
attorney to transfer said Bond on the books kept for registration and transfer of this Bond, with full power of substitution in the premises.

Dated:
Signature Guaranteed By:
Social Security Number or other taxpayer identification number:

Notice: Signature must be guaranteed by a member firm of the New York Stock Exchange or a commercial bank or trust company.

SECTION 11. CREATION OF FUNDS: FLOW OF FUNDS. (a) Creation of Funds. There are hereby created and established at the Depository Bank, the following funds or accounts:
(1) City of Cynthiana, Kentucky Water and Sewer Revenue Fund (the "Revenue Fund").
(2) City of Cynthiana, Kentucky Water and Sewer Sinking Fund (the "Sinking Fund").
(3) City of Cynthiana, Kentucky Water and Sewer Debt Service Reserve Fund (the "Reserve Fund").
(4) City of Cynthiana, Kentucky Water and Sewer Operation and Maintenance Fund (the "Operation and Maintenance Fund").
(5) City of Cynthiana, Kentucky Water and Sewer Depreciation Fund (the "Depreciation Fund").

Moneys deposited into such respective Funds shall be maintained, invested and applied by the Depository Bank in the manner prescribed in this Bond Ordinance.
(b) Initial Deposits in Funds. Simultaneously with the delivery of the Current Bonds, the City covenants that it will transfer from the various funds and accounts currently maintained by the City in connection with the operation of the System and deposit into the Revenue Fund created by this Bond Ordinance, all of its unrestricted cash and/or investments.

## (c) Flow of Funds.

(1) Revenue Fund. The Gross Revenues of the System, plus, if and when said Funds have been fully funded, interest earned from the investment of money in the respective Funds shall be set aside monthly into the Revenue Fund and shall be expended, used and apportioned as set out in the ensuing subsections of this Section 11.
(2) Sinking Fund. There shall be transferred on or before the first day of each month, from the Revenue Fund, the amounts hereinafter specified, to pay the interest on and principal of the Outstanding Bonds. The amounts to be so set aside and paid into the Sinking Fund in each month, in equal installments, shall be amounts sufficient to pay the annual debt service requirements of the Outstanding Bonds, as same fall due, as follows:
(i) An amount equal to one-sixth (1/6) of the interest becoming due on the Outstanding Bonds on the next succeeding Interest Payment Date, subject to a credit for the amount of accrued interest collected on the Bonds and deposited in the Sinking Fund; plus
(ii) An amount equal to one-twelfth (1/12) of the principal amount of all Outstanding Bonds maturing on the next succeeding January 1.

As and when additional Parity Bonds are issued, provision shall be made for additional payments into the Sinking Fund to pay the interest on and the principal of such additional Parity Bonds as and when the same become due.

The Sinking Fund is hereby pledged for the payment of the interest on and the principal of the Bonds and is subject to a first and paramount lien and charge in favor of the holders of the Bonds.

No further payments are required to be made into the Sinking Fund (i) whenever and so long as such amount of the Outstanding Bonds shall have been retired that the amounts then held in the Sinking Fund and/or the Reserve Fund, are equal to the entire amount of the interest and principal that will be payable to and at the time of the retirement or maturity of all of the Outstanding Bonds, or (ii) whenever the Bonds have been defeased as set out in section 19 hereof.

Such payments into the sinking Fund shall be made in equal monthiy installments on or before the twentieth day of each month, except that when the twentieth day of any month shall be on a Sunday or legal holiday, then such payments shall be made on the next succeeding secular or business day.

In the event that the income and revenues during any month are inadequate to make the required payments into the Sinking Fund, the deficiency shall be made up and paid as aforesaid from the first available income and revenues thereafter received, and same shall be in addition to payments otherwise provided to be made in such succeeding month or months.
(3) Reserve Fund. Upon the issuance of the Current Bonds the City shall begin to deposit in the Reserve Fund, in each month, an amount equal to one-sixtieth ( $1 / 60$ ) of the Required Debt Service Reserve until the total Required Debt Service Reserve has been accumulated. Amounts on deposit in the Reserve Fund may be withdrawn and used by the City, when necessary, and shall be so withdrawn and used if and to the extent necessary to prevent the occurrence of an Event of Default, for the purpose of making payments of principal and interest on the Bonds if the amount on deposit in the Sinking Fund is not sufficient to make such payments; provided, however, that in the event of any such withdrawal, the City shall restore such deficiency through the deposit into such Reserve Fund in each month thereafter, of an amount equal to the greater of (i) $\$ 2,500$ or (ii) an amount equal to one-sixtieth (1/60) of the amount required to be accumulated in the Reserve Fund, until the total Required Debt Service Reserve shall have been restored.

The City hereby covenants that if, at the end of any Fiscal Year, there shall not have been accumulated in the Reserve Fund during such Fiscal Year an amount equal to $20 \%$ of the Required Debt Service Reserve, the City will transfer into the Reserve Fund from other funds of the City an amount sufficient, when added to the amounts accumulated in the Reserve Fund during such Fiscal Year, to cause such annual accumulation to equal 20\% of the Required Debt Service Reserve, it being the intent of the City that the total Required Debt Service Reserve shall be accumulated within five years, at the rate of $20 \%$ per year.

As and when Parity Bonds are issued the Reserve Fund shall be increased to equal the Required Debt Service Reserve and such Required Debt Service Reserve shall be similarly maintained and restored when necessary, in the manner specified above.

No deposits shall be made in the Reserve Fund which would cause the total amount deposited therein to exceed the Required Debt Service Reserve and any available revenues in excess of the Required Debt Service Reserve amount shall be immediately transferred to the Depreciation Fund.
(4) Operation and Maintenance Fund. There shall be transferred from the Revenue Fund and deposited into the Operation and Maintenance Fund, beginning on or before the first day of the month following the month of enactment of this Current Bond Ordinance, from month to month, or as needed, such amounts as are required to pay, as they accrue, the proper and necessary costs of operating, maintaining and insuring the System, and to
accumulate and maintain in the Operation and Maintenance Fund an amount sufficient to pay all costs of operating, maintaining and insuring the system. Subject to the foregoing requirements, all costs of operating, maintaining and insuring the System shall be paid from the Operation and Maintenance Fund.

All funds in the Operation and Maintenance Fund shall be maintained separate and apart from all other municipal funds and shall be deposited, secured and/or invested in the manner provided in this Bond Ordinance.
(5) Depreciation Fund. Subject to the foregoing disposition of the revenues of the System, there shall next be set aside and paid into the Depreciation Fund in each month, as the next payment from the Revenue Fund, beginning on or before the first day of each month following the delivery of the Current Bonds, an additional amount equal to ten percent (10\%) of the balance of the monies in the Revenue Fund which monies are to be accumulated in the Depreciation Fund, until the total amount on deposit in the Depreciation Fund is an amount equal to Required Depreciation Reserve after which, such additional deposits may be discontinued, subject to resumption, if whenever, and so long as same shall be reduced below such stipulated amount.

Amounts in the Depreciation Fund may be withdrawn and used upon appropriate certification by whatever official is duly authorized by the Governing Body to make such certification, for the purpose of paying the cost of making unusual or extraordinary maintenance, repairs, renewals and/or replacements to the System, which would be necessary to keep the System in good operating condition, or for the purpose of paying the cost of constructing extensions, additions and/or improvements to the System which will either enhance the revenue-producing capacity of the System or provide a higher degree of service; provided, however, that if the combined available balances in the sinking Fund and the Reserve Fund on the twentieth day of any June or December shall be insufficient to pay the next maturing installment of interest and/or of principal and interest of the Outstanding Bonds, the City shall withdraw and transfer from the Depreciation Fund to the Sinking Fund whatever amount may be required to eliminate the deficiency in the sinking Fund and to avoid a default.

Provided further that any such withdrawals shall be promptly restored to the Depreciation Fund through the deposit from the Revenue Fund in each month into the Depreciation Fund, of an amount equal to ten percent (10\%) of the balance of the monies in the Revenue Fund, to the extent necessary, until the total Required Depreciation Reserve has been restored and is being maintained.

The City does not reasonably anticipate that any amounts in the Depreciation Fund will be used to pay debt service on any Bonds.

There shall also be deposited in said Depreciation Fund the proceeds from the sale of any equipment no longer usable or needed, fees or charges collected from potential customers to aid in the financing of the cost of future extensions and improvements, and the proceeds of any property damage insurance not immediately used to replace the damaged or destroyed property.

As and when additional Parity Bonds are issued, the City shall determine at the time of issuance thereof, with the advice of the Independent Consulting Engineers then employed by the City, (a) whether additional amounts shall be accumulated in the Depreciation Fund, (b) the exact revision, if any, in the required deposits in such Depreciation Fund and (c) the revised amount of the Required Depreciation Reserve necessary to be accumulated in such Depreciation Fund; whereupon covenants to that effect shall be incorporated in the proceedings authorizing the issuance of such Parity Bonds.

All amounts on deposit in the Depreciation Fund shall be kept separate and apart from all other municipal funds and shall be deposited, secured, and/or invested in the manner provided in this Bond Ordinance.
(-7) Investment of Funds. All moneys held in the Revenue Fund, the Sinking Fund, the Reserve Fund, the Depreciation Fund, and the Operation and Maintenance Fund shall be deposited in the Depository Bank. Said Depository Bank shall invest such portion of such Funds as is designated by the Governing Body of the City, in Permitted Investments; and any of such funds on deposit in said Depository Bank or in such Permitted Investments in excess of the amount insured by the FDIC shall, until expended, be earmarked and secured by a pledge of an equivalent amount in current market value (exclusive of accrued interest) of U.S. Obligations, having a maturity date or being subject to redemption at the option of the holder not more than five years from the date of investment therein; and all such income from such Permitted Investments shall be treated as revenues of the System and deposited into the Revenue Fund. No investment shall be made of either the proceeds of the Bonds or the revenues of the System which would cause the Bonds to be treated as arbitrage bonds.

Because of possible future changes in Federal arbitrage regulations and/or the interpretation thereof, the Governing Body of the City hereby directs that all transfers and deposits of funds, particularly with reference to existing funds on deposit, funds treated (under applicable arbitrage regulations) as proceeds subject to investment restriction, and/or funds treated as proceeds of bonds, may be revised, but not as to basic amounts required to be transferred, deposited, or accumulated, to whatever extent may be recommended by Bond Counsel, with a view toward assuring the maximum permissible advantage to the City without violating applicable arbitrage regulations and without
causing the Current Bonds or any future Parity Bonds to become arbitrage bonds, in the light of existing regulations, regulations in effect at the time of the delivery of the Current Bonds and any future Parity Bonds, and regulations in effect at the respective times of transfers and/or investments of the respective Funds.
(8) Surplus Funds. If, at the end of any fiscal year, after making the payments required by the foregoing, there shall remain a balance in said Revenue Fund in excess of the amount required to be transferred during the ensuing year, such balance within sixty (60) days after the end of such fiscal year, shall be used as follows, in the order indicated:
(1) To transfer into the Reserve Fund whatever amount, if any, shall be necessary to accumulate or restore the Required Debt Service Reserve.
(2) To transfer and deposit into the Depreciation Fund whatever amount, if any, shall be necessary to accumulate or restore the Required Depreciation Reserve.
(3) To transfer and deposit into the Operation and Maintenance Fund whatever amount, if any, shall be necessary to accumulate or restore the total amount required to be on deposit in the Operation and Maintenance Fund, which is an amount sufficient to pay all costs of operating, maintaining and insuring the System for one full month.

Any balance in the Revenue Fund remaining at the end of any fiscal year, after the Debt Service Reserve Fund and the Depreciation Fund shall have been fully funded and are being maintained, may be used as follows:
(a) To retire or redeem Outstanding Bonds, or in inverse order of maturities, to purchase Outstanding Bonds in the open market, or to purchase Outstanding Bonds through advertisement for and receipt of tenders of Outstanding Bonds, at not exceeding the call price, as may be determined by the Governing Body of the City;
(b) To pay current and/or future principal and interest requirements of any outstanding funior and subordinate obligations against the System, or any part thereto; and/or
(c) To transfer any portion of such surplus to the Depreciation Fund or the general fund of the City.

SECTION 12. RATE COVENANT. The City covenants that while the Bonds remain outstanding and unpaid, such rates and
charges for services of the System will be imposed and collected so that the gross income and revenues of the System will be sufficient to provide for all principal and interest requirements of all Bonds outstanding against the System, to provide for all expenses of operation, repair, maintenance and insurance, of the System and to produce net revenues in each year equal to not less than $120 \%$ of the maximum annual principal and interest requirements of all Bonds outstanding against the System, calculated in the manner (and with the defined terms) specified in Section 13 hereof, authorizing the issuance of future Parity Bonds, except that for the purpose of such calculation, no adjustment shall be permitted for future projections or for any other matter; and the City shall enact promptly and enforce increased rates whenever such increase shall be necessary to fulfill any covenants of or payments required by this Current Bond Ordinance.

The City covenants that it will not reduce the rates and charges for services rendered by the System without first filing with the City Clerk a certification of an Independent Consulting Engineer to the effect that the annual net revenues (defined as gross revenues less essential operation and maintenance expenses) of the then existing System for the fiscal year preceding the date on which such reduction is proposed, as such annuaf revenues are adjusted, after taking into account the projected reduction in revenues anticipated to result from such proposed rate decrease, are equal to not less than $120 \%$ of the maximum debt service requirements falling due in any year thereafter, calculated in the manner specified in Section 13 hereof.

The City also covenants to cause a coverage report to be filed with the Governing Body within four months after the end of each fiscal year by Certified Public Accountants and/or Independent Consulting Engineers, setting forth what was the precise percentage of the maximum annual debt service requirements falling due thereafter for principal of and interest on all of the then outstanding Bonds payable from the revenues of the System, calculated in the manner specified in Section 13 hereof; and the City covenants that if and whenever such report so filed shall establish that such coverage of net revenues for such year was less than $120 \%$ of the maximum future annual debt service requirements, the City shall increase the rates by an amount sufficient, in the opinion of such Certified Public Accountants and/or Independent Consulting Engineers, to establish the existence of or immediate projection of, such minimum $125 \%$ coverage.

SECTION 1.3. ADDITIONAL PARITY BONDS. The Current Bonds shall not be entitled to priority one over the other in the application of the income and revenues of the System, regardless of the time or times of their issuance, it being the intention that there shall be no priority among the Current Bonds, regardless of the fact-that they may be actually issued and
delivered at different times, and provided further that the lien and security of and for any bonds or obligations hereafter issued that are payable from the income and revenues of the System shall, except as set out herein, be subject to the priority of the Current Bonds as may from time to time be outstanding; provided the City and does hereby reserve the right and privilege of issuing additional bonds from time to time payable from the income and revenues of the System ranking on a parity with the Current Bonds, but only under the conditions specified in this Current Bond Ordinance.

The City reserves the right to add new waterworks, sewer and/or related auxiliary facilities, and/or to finance future extensions, additions and/or improvements to the System by the issuance of one or more additional series of bonds to be secured by a parity lien on and ratably payable from, the revenues of the System, provided in each instance that:
(a) The facility or facilities to be constructed from the proceeds of the additional parity bonds is or are made a part of the System and its or their revenues are pledged as additional security for the additional parity bonds and the outstanding Current Bonds.

- (b) There shall have been procured and filed with the City Clerk a statement by a Certified Public Accountant reciting the opinion based upon necessary investigation that the net revenues of the System for 12 consecutive months of the preceding 18 months (with adjustments as hereinafter provided) were equal to at least one and twenty-five hundredths (1.25) times the maximum amount that will become due in any fiscal year for both principal and interest on the Current Bonds then outstanding and any Parity Bonds including the bonds then proposed to be issued. (The calculation of maximum annual debt service requirements for principal of and interest on the additional bonds to be issued shall be determined on the basis of the principal of, and interest on, such bonds being payable in approximately equal annual installments).
"Net revenues" as herein used are defined as gross income and revenues less operating expenses, which shall include salaries, wages, cost of maintenance and operation, cost of water purchased, if any, materials and supplies, pumping costs, insurance and all other items that are normally and regularly so included under recognized accounting practices, exclusive of allowances for depreciation.

> "Gross income and revenues" shall include investment income, connection fees, disconnection fees and all other items of income which have been established as "reasonably anticipated annual income of the System",
based upon a certification of Independent Consulting Engineers and/or Certified Public Accountants; provided all "investment income" shall be adjusted in any such calculation or projection to reflect the market rate currently available from such investments.
"Operating expenses" shall include only those items of costs of maintenance and operation which are "reasonably anticipated annual operation and maintenance expenses" of the System, and shall exclude any unusual items of operation and maintenance expense which are of a generally non-recurring nature, according to the certification of Independent Consulting Engineers and/or of Certified Public Accountants.

Such "net revenues" may be adjusted for the purpose of the foregoing computations to reflect (i) any revisions in the schedule of rates or charges being imposed for the services of the System at the time of the issuance of any such additional Parity Bonds and (ii) any increase in such net revenues projected by reason of the revenues anticipated to be derived from the extensions, additions, and/or improvements to the System being financed (in whole or in part) by such additional parity Bonds; provided such latter adjustment shall be made only if contracts for the immediate acquisition and/or construction of such extensions, additions and/or improvements have been or will have been entered into (secured by 100\% performance bond) prior to the issuance of such additional Parity Bonds. All of such adjustments shall be based upon the written certification of an Independent Consulting Engineer.
(c) The interest payment dates for all such additional Parity Bonds shall be semiannually on January 1 and July 1 of each year, and the principal maturities thereof shall be on January 1 of the year in which any such principal is scheduled to become due.

The City hereby reserves the right to issue Parity Bonds to refund or refinance all or a portion of the Outstanding Bonds; provided that prior to the issuance of such additional Parity Bonds for that purpose, there shall have been procured and filed with the City Clerk of the City a statement by a Certified Public Accountant, as defined herein, reciting the opinion based upon necessary investigation that:
(a) after the issuance of such Parity Bonds, the annual net revenues, as adjusted and defined above, of the then existing system for the fiscal year preceding the date of issuance of such parity Bonds, after taking into account the revised debt
service requirements resulting from the issuance of such parity Bonds and from the elimination of the Bonds being refunded or refinanced thereby, are equal to not less than $125 \%$ of the maximum debt service requirements then scheduled to fall due in any fiscal year thereafter for principal of and interest on all of the then Outstanding Bonds payable from the revenues of the system, calculated in the manner specified above; or
(b) in the alternative, that the maximum debt service requirements for the Current Bonds, any then previously issued Parity Bonds and the proposed parity refunding bonds, in any year of maturities thereof after the redemption of the Current Bonds scheduled to be refunded through the issuance of such proposed parity refunding bonds, shall not exceed the maximum debt service requirements applicable to the then outstanding Current Bonds and any then previously issued Parity Bonds for any year prior to the issuance of such proposed Parity Bonds and the redemption of the Bonds to be refunded.
SECTION 14. SALE OF BONDS. The Current Bonds shall be sold at public sale at a regular, adjourned regular or special, called meeting of the Governing Body, after public advertisement as required by law, informing prospective bidders that they may obtain from the City Clerk or from the Fiscal Agent, a copy of the official Statement relating to the sale of the Current Bonds and the Official Terms and Conditions of Sale of the Bonds and Official sid Form, setting out the terms and conditions for the sale of the Current Bonds.

A suggested form of Official Terms and Conditions of Sale of Bonds, Notice of Bond Sale, Bid Form and Official Statement, having been prepared in advance, in accordance with the instructions of the Fiscal Agent, by Bond Counsel and the same having been found to conform to the above conditions, the same are hereby approved. The Notice of Bond Sale shall be signed by the City Clerk, and may be used for the purpose of publishing notice of the sale of the current Bonds. Copies of said documents shall be furnished to a list of known interested bidders and to any interested parties who may request same.

SECTION 15. ACCEPTANCE OF BID FOR PURCHASE OF CURRENT BoNDS. Upon the date and at the hour set forth for the opening and consideration of purchase bids, as provided in the instruments hereinabove approved, the sealed bids received by the City Clerk shall be publicly opened and publicly read by the presiding officer. If there shall be one or more bids that conform in all respects to the prescribed terms and conditions. the sale shall be compared and the Governing Body agrees that if it accepts any bid, it-will, on the same day that such bids are
received, accept the best of such bids, as measured in terms of the lowest net interest cost to the City, and determine the exact principal amount, principal maturities and rates of interest which the Current Bonds shall bear.

If upon the basis of the foregoing, the Governing Body shall accept a purchase bid for the Current Bonds, the Governing Body shall adopt an order or resolution to that effect, supply proper evidence of such acceptance to the bidder submitting the accepted purchase bid, and thereupon arrangements shall be made for the Current Bonds to be printed in accordance therewith.

SECTION 16. DISPOSITION OF PROCEEDS OF CURRENT BONDS. Whenever the Current Bonds shall have been sold and delivered, the proceeds shall be applied as follows:
(a) The amount received from the purchaser representing accrued interest from September 1, 1992, to the date of delivery, shall immediately be deposited into the Sinking Fund.
(b) There shall next be paid any and all expenses incident to the issuance, sale, and delivery of the Current Bonds, including the fee of the fiscal

- Agent and such other appropriate expenses as may be approved by the Mayor.
(c) There shall next be paid to Harrison Deposit Bank \& Trust Co., Cynthiana, Kentucky, the payee bank for the Series 1978 Bonds, for deposit in the City of Cynthiana Water and Sewer Bonds and Interest Redemption Fund the amount necessary to pay in full the Series 1978 Bonds on January 1, 1992.
(d). The balance of the proceeds remaining shall be deposited in a special escrow account, hereby created, entitled "City of Cynthiana, Kentucky Water and Sewer Bond Escrow Account" (the "Escrow Account"), which Escrow Account shall be maintained at the Escrow Agent; and the amount on deposit in said Escrow Account shall be applied to the extent necessary, to pay the principal and interest on the Series 1987 Bonds coming due on January 1, 1993, and on January 1, and July 1, of each year thereafter until and including January 1, 1997, and to redeem on January 1, 1997, all of the remaining outstanding Series 1987 Bonds at a redemption price of $102 \%$ of the principal amount redeemed, all in accordance with the terms and conditions set forth in the Escrow Agreement.

SECTION 17. LIMITATIONS ON INVESTMENT OF FUNDS. The City covenants and certifies, in compliance with Federal arbitrage regulations,--as follows:
(a) The City certifies, on the basis of known facts and circumstances in existence on the date of adoption of this Current Bond Ordinance, that it is not expected that the proceeds of the Current Bonds or the revenues of the System will be used in a manner which would cause such Current Bonds to be arbitrage bonds. The City covenants to the Purchasers and/or Owners of the Current Bonds that (1) the City will make no use of the proceeds of said Current Bonds, or the revenues of the System, which, if such use had been reasonably expected on the date of issue of such Current Bonds, would have caused such Current Bonds to be "arbitrage bonds", and (2) that the City will comply with (1) all of the requirements of Section 148 of the Internal Revenue Code of 1986 (the "Code") and (ii) all of the requirements of applicable Regulations thereunder, to whatever extent is necessary to assure that the Current Bonds shall not be treated as arbitrage bonds.
(b) The City certifies on known facts and reasonable expectations at this time, as follows:
(1) that it is anticipated that amounts on deposit in the Sinking Fund will be used within thirteen (13) months from the respective date of deposit therein for the payment of debt service on the outstanding Bonds and that except for an amount equal to not more than the greater of (a) one-twelfth (1/12) of debt service requirements of the Outstanding Bonds for the then ensuing year or (b) one year's earnings on the Sinking Fund, the Sinking Fund will annually be depleted through such application, for current debt service requirements of the Outstanding Bonds;
(2) that it is not anticipated that amounts will be accumulated in any reserve fund(s) anticipated to be used for debt service on the Outstanding Bonds payable from the revenues of the System in excess of (a) 125\% of the average annual debt service on such bonds, or (b) $10 \%$ of the face amounts (par) of the original authorized issue of the Current Bonds and any Parity Bonds;
(3) that it is not reasonably anticipated that amounts accumulated in the Depreciation Fund will be used for payment of debt service on any Outstanding Bonds, even though such Depreciation Fund will be so available if necessary to prevent a default in the payment of principal and interest on such Outstanding Bonds;
(4) That is is not reasonably anticipated that amounts accumulated in the Reserve Fund will be used for payment of debt service on any Outstanding Bonds even through such amounts will be so available if
necessary to prevent a default in the payment of principal and interest on such outstanding Bonds;
(5) that the original proceeds of the Current Bonds will not exceed by any amount, the amount required for the costs of the Refunding Program; and there has therefore been no overissuance of the Current Bonds; and
(6) that the City has not been advised of any listing or contemplated listing by the Internal Revenue Service determining that such certification with respect to its obligations may not be relied on.
(c) The city covenants that neither the proceeds of the Current Bonds, nor "Non-Exempt Revenues of the City" (hereinafter defined), will be invested in investments which will produce a net adjusted yield in excess of the net interest cost (effective yield) of the Current Bonds, if such investment would cause the Current Bonds to be treated as "arbitrage bonds" within the meaning of Section 148 of the Code and the applicable Regulations applicable thereto; provided, however, that such proceeds and/or revenues may be invested to whatever extent and whenever such Code and such applicable Regulations permit same to be invested without causing the Current Bonds to be treated as "arbitrage bonds".
"Non-Exempt Revenues" within the meaning of the foregoing shall be deemed to refer to revenues of the City deposited in any of the funds earmarked for or reasonably expected to be used for the payment of debt service on the Outstanding Bonds, in excess of "Exempt Revenues" (hereinafter defined). Exempt Revenues shall consist of the following:
(1) amounts deposited in the sinking Fund for the purpose of paying debt service on any Outstanding Bonds within 13 months from the date of deposit;
(2) amounts deposited in any reserve earmarked for or anticipated to be used for debt service on Outstanding Bonds, to the extent that such deposits do not cause the total amount of such reserves, deposits and other excess Non-Exempt Revenues, to exceed the limitations referred to in (b)(2) above, for which adequate provision will have been made to comply with such limitations; and
(3) amounts deposited in the Depreciation Fund, Reserve Fund, Operation and Maintenance Fund or any other fund (however designated) reasonably expected to be used for extensions, additions, improvements, repairs or replacements to the System, and not reasonably expected to be used to
pay debt service (even if pledged to be used to pay debt service in the event of the unexpected inadequacy of other funds pledged for that purpose) of Outstanding Bonds.

Prior to or at the time of delivery of the Current Bonds, the Mayor and the City Treasurer, who are jointly and severally charged with the responsibility for the issuance of the Current Bonds, are jointly and severally authorized to execute the appropriate certification with reference to the matters referred to above, setting out all known and contemplated facts (apart from legal conclusions) concerning such anticipated construction, expenditures and investments, including the execution of necessary and/or desirable certifications of the type contemplated by the proposed arbitrage regulations, as amended, in order to assure that interest on the Current Bonds will be excluded from gross income for Federal income tax purposes and that such Current Bonds will not be treated as "arbitrage bonds".

SECTION 18. PRIORITY OF LIEN; PERMISSIBLE DISPOSITION OF SURPLUS OR OBSOLETE FACILITIES. The City covenants and agrees that so long as any of the Bonds are outstanding, the City will not sell or otherwise dispose of any of the facilities of the System, or-any part thereof, and, except as provided for above, it will not create or permit to be created any charge or lien on the revenues thereof ranking equal to prior to the charge or lien of the Bonds. Notwithstanding the foregoing, the City may at any time permanently abandon the use of, or sell at the fair market value, any part of the facilities of the System, provided that:
(a) It is in compliance with all covenants and undertakings in connection with all of the Outstanding Bonds;
(b) It will, in the event of any such sale, apply the proceeds to either (i) redemption of Outstanding Bonds in accordance with the provisions governing redemption of bonds in advance of maturity, or purchase of bonds in the open market at not exceeding the next applicable redemption price or (ii) replacement of the facility so disposed of by another facility, the revenues of which shall be incorporated into the System as hereinbefore provided;
(c) It certifies, in good faith, prior to any abandonment of use, that the facility or facilities to be abandoned is or are no longer economically feasible of producing substantial net revenues;
(d) It certifies, in good faith, that the estimated net revenues of the remaining facilities of the

System for the then next succeeding Fiscal Year, plus the estimated net revenues of the facility or facilities, if any, to be added to the System, comply with the earnings requirements hereinbefore provided in the provisions and conditions governing the issuance of Parity Bonds;
(e) Such sale or disposition will not have the effect of causing the Outstanding Bonds to become arbitrage bonds.

SECTION 19. DEFEASANCE OF BONDS. The City reserves the right, at any time, to cause the pledge of the revenues securing the Current Bonds and all Parity Bonds, to be defeased and released by paying an amount into an escrow fund sufficient, when invested (or sufficient without such investment, as the case may be) in cash and/or direct or fully guaranteed non-callable obligations of the United States of America, to assure the availability in such escrow fund of an adequate amount (a) to call for redemption and to redeem and retire all of such Outstanding Bonds, both as to principal and as to interest, on the next optional redemption date, including all costs and expenses in connection therewith, and to pay all principal and interest falling due on such Outstanding Bonds to and on said date or (by to pay all principal and interest requirements on such Outstanding Bonds as same mature, without redemption in advance of maturity, the determination of whether to defease under (a) or (b) or both to be made by the Governing Body of the City. Such investments shall have such maturities as to assure that there will be sufficient funds for such purpose. If such defeasance is to be accomplished pursuant to (a), the City shall take all. steps necessary to publish notice of the redemption of such Outstanding Bonds on the next applicable redemption date. Upon the proper amount of such investments being placed in escrow and so secured, such revenue pledge shall be automatically fully defeased and released without any further action being necessary; provided (1) no such defeasement shall be accomplished through the use of amounts on deposit in the Debt Service Reserve Fund or through any other funds if such defeasement would, in the opinion of recognized Bond Counsel, adversely affect the exclusion of interest on any of the outstanding Bonds from gross income for Federal income tax purposes and (2) no such defeasement shall require that any Current Bonds be redeemed in advance of maturity if a right to defease the Current Bonds without redemption in advance of maturity shall have become vested.

## SECTION 20. INSURANCE. (a) Fire and Extended

Coverage. If and to the extent that the System includes structures above ground level, the city shall, upon receipt of the proceeds of the sale of the Current Bonds, if such insurance is not already in force, procure fire and extended coverage insurance on the insurable portion of all of the facilities of the System.

The foregoing fire and extended coverage insurance shall be maintained so long as any of the Bonds are outstanding and shall be in amounts sufficient to provide for not less than full recovery whenever a loss from perils insured against does not exceed eighty percent (80\%) of the full insurable value of the damaged facility.

In the event of any damage to or destruction of any part of the System, the City shall promptly arrange for the application of the insurance proceeds for the repair or reconstruction of the damaged or destroyed portion thereof.
(b) Llability Insurance on Facilities. Upon receipt of the proceeds of the sale of the Current Bonds, the City shall, if such insurance is not already in force, procure and maintain, so long as any of the Bonds are outstanding, public liability insurance relating to the operation of the facilities of the System, with limits of not less than $\$ 500,000$ for one person or for more than one person involved in one accident, to protect the City from claims for bodily injury and/or death; and not less than $\$ 200,000$ from claims for damage to property of others which may arise from the City's operations of the System and any other facilities constituting a portion of the System.
(c) Vehicla Llability Insurance. If and to the extent that the City owns or operates vehicles in the operation of the System, upon receipt of the proceeds of the Current Bonds, the City shall, if such insurance is not already in force, procure and maintain, so long as any of the Bonds are outstanding, vehicular public liability insurance with limits of not less than $\$ 100,000$ for one person or $\$ 300,000$ for more than one person involved in one accident, to protect the City from claims for bodily injury and/or death, and not less than $\$ 50,000$ against claims for damage to property of others which may arise from the operation of such vehicles by the City.

SECTION 21. RECORDS, AUDIT AND REPORTS. Insofar as consistent with the laws of Kentucky, the City agrees that so long as any of the Bonds remain outstanding, it will keep proper books of records and accounts showing complete and correct entry of all transactions relating to the System in accordance with generally accepted accounting principles (for facilities of like type and size), in which complete and correct entries shall be made of all pertinent transactions. All such records and books of account shall at all times during normal business hours be subject to inspection by the holders of $10 \%$ or more of the principal amount of the Bonds then outstanding, or by their duly authorized representatives.

The City further covenants that as soon as may be feasible after the close of each fiscal year, and in any event not later than sixty (60) days thereafter, the City will cause an audit of the financial affairs of the System to be prepared by a

Certified Public Accountant, covering the operation of the System for the preceding fiscal year.

A copy of said audit report shall be kept on file in the office of the City Clerk, where it will be subject to inspection at any reasonable time by or on behalf of any holder of Outstanding Bonds. A condensation of the important facts shown by such report will be mailed to any such Bondowner upon request.

The City further covenants and agrees to retain an Independent Consulting Engineer or firm of Independent Consulting Engineers to inspect the System and its operation at least once in each period of five years and to file with the city Clerk, the Fiscal Agent and the Purchasers of the Bonds a written report of the findings and recommendations based on such inspection.

SECTION 22. GENERAL COVENANTS. The City covenants that so long as any of the Bonds are outstanding, as follows:
(a) It will at all times own and operate the System on a revenue-producing basis, and will permit no services to be rendered free of charge or without full compensation.
(b) It will at all times maintain the System in good condition through application of revenues accumulated and set aside for operation and maintenance as herein provided, and will make renewals and replacements, as the same may be required, through application of revenues accumulated and set aside into the Depreciation Fund.
(c) It will not permit any competing water and/or sewer system, public or private, to sell water and/or sewer services to customers within the corporate limits of the City, to the extent that the City is legally able to prevent same.
(d) It will perform all duties with reference to the System required by the Statutes and Constitution of Kentucky and will not sell, lease, mortgage or in any manner dispose of the System, or any part thereof except as authorized herein.
(e) Pursuant to Section 96.934 of the Kentucky Revised Statutes and other applicable legal provisions, the City will cause rates and charges for sewer service furnished by the System to be billed simultaneously with rates and charges for water service furnished to the same customers, and will provide that water service will be discontinued to any premises where there is a failure to pay any
part of the aggregate charges so billed, including such penalties and fees for disconnection and/or reconnection as may be prescribed from time to time, to the greatest extent permitted by law.

SECTION 23. EVENT OF DEFAULT; REMEDIES. The following items shall constitute an "Event of Default" on the part of the city:
(a) The failure to pay principal of any of the Bonds when due and payable, either at maturity or by proceedings for redemption.
(b) The failure to pay any installment of interest on the Bonds when the same shall become due and payable or within 5 days thereafter.
(c) The failure of the City to fulfill any of its obligations pursuant to this Current Bond Ordinance.
(d) The failure to promptly repair, replace or reconstruct needed or essential facilities of the System that have been damaged and/or destroyed.
(e). The entering of an order or decree with the consent or acquiescence of the City appointing a receiver of all or any part of the System or any revenues thereof; or if such order or decree shall have been entered without the acquiescence or consent of the City, the failure of the City to have the order vacated, discharged, or stayed on appeal within 60 days after entry.
(f) The default by the City in the due or punctual performance of any other of the covenants, conditions, agreements, and provisions contained in the Bonds or in this Current Bond Ordinance. by suit, action, mandamus or other proceedings, enforce and compel performance by the City and its officers and agents of all duties imposed or required by law or by this Current Bond Ordinance in connection with the operation of the System, including the making and collection of sufficient rates, the segregation of the income and revenues of the System, and the application thereof in accordance with the provisions of this Current Bond Ordinance.

Upon the occurrence of an "Event of Default" as defined above, then upon the filing of suit by any owner of said Bonds or any court having jurisdiction of the action may appoint a receiver pursuant to the Kentucky Revised Statutes to administer the System on behalf of the City, with power to charge and
collect rates and charges for the services and facilities provided by the System sufficient to provide for the payment of any Bonds or obligations outstanding, and the interest thereon, together with the expenses of operation and maintenance, and to apply the income and revenues in accordance with the provisions of this Current Bond Ordinance, and of the applicable statutes of Kentucky, and to take such other legal action as may be appropriate for the protection of any such Bondowner.

The City hereby agrees to transfer to any bona fide receiver or other subsequent operator of the System, pursuant to any valid court order in a proceeding brought to enforce collection or payment of the City's obligations, all contracts and other rights of the City pertaining to the System, conditionally, for such time only as such receiver or operator shall operate by authority of the court. In the event of default, the Owner of any of the Bonds may require the Governing Body of the City by injunction to raise the rates a reasonable amount.

SECTION 24. CONTRACTUAL NATURE OF ORDINANCE. The provisions of this Current Bond Ordinance shall constitute a contract between the City and the Owners of the Current Bonds, and after the issuance of any of the Current Bonds, no change, variation or alteration of any kind, in the provisions of this Current Bond Ordinance shall be made in any manner, except for the purpose of curing any ambiguity or of curing, correcting, or supplementing any defective or inconsistent provisions contained herein or in any proceeding pertaining hereto, and except as herein provided, until such time as all of the Current Bonds and the interest thereon have been paid in full; provided, however, that the Owners of eighty percent (80\%) in principal amount of the Current Bonds may agree to a modification or amendment to this Current Bond Ordinance; provided, however, that no such modifications or amendments shall be made which will permit: (a) an extension of the maturity of any of the Current Bonds or of any Parity Bonds, (b) a reduction in the principal amount of any Current Bond or the redemption price or the rate of interest thereon, (c) the creation of a lien upon or a pledge of revenues ranking prior to or on a parity with the lien or pledge of the Current Bonds, (d) a preference or priority of any Current Bonds or Parity Bonds over any other bond or bonds, (e) a reduction in the aggregate principal amount of the Current Bonds required to consent to any such modification or amendment, or (f) impair in any way the rights of the Owners of the Current Bonds.

SECTION 25. SIGNATURES OF OFFICERS. If any of the officers whose signatures or facsimile signatures appear on the Current Bonds cease to be such officers before delivery of the Current Bonds, such signatures shall nevertheless be valid for all purposes the same as if said officers had retained in office until delivery, as provided in KRS 58.040 and KRS 61.390.

SECTION 26. APPOINTMENT AND DUTIES OF BOND REGISTRAR, TRANSFER AGENT, AND PAYEE BANK. The , Cynthiana, Kentucky, is hereby designated as the Bond Registrar, Transfer Agent and Payee Bank.
A. Duties as Bond Registrar and Transfer Agent. The Bond Registrar and Transfer Agent shall have the following duties
(1) To authenticate the Bonds authorized herein.
(2) To register all of the Bonds in the names of the respective owners thereof;
(3) Upon being supplied with a properly authenticated assignment satisfactory to the Bond Registrar (in the sole discretion of such Bond Registrar), to transfer the ownership of Bonds from one registered Bondowner to another within three (3) business days of the receipt of such proper assignment by the Bond Registrar; and
(4) To cancel and destroy (or remit to the City for destruction, if so requested by the City) all exchanged, matured, retired and redeemed Bonds, and to maintain adequate records relevant thereto.
B. Duties as Payee Bank. The Payee Bank shall have the following duties:
(1) To hold the Sinking Fund in accordance with the provisions of hereof;
(2) To remit, but only to the extent that all required funds are made available to the Payee Bank by the City, semiannual interest payments directly to the registered owner of each Bond by regular United States mail. Said interest payments shall be deposited in the United States mail no later than each interest due date. Matured or redeemed Bonds shall be payable upon presentation to the Payee Bank. For interest payment purposes, the Payee Bank shall be entitled to rely on its records as Bond Registrar as to the ownership of each Bond as of the 15 th day of the month preceding an interest due date, and the Payee Bank's check shall be drawn and mailed accordingly;
(3) To notify the Owner of each Bond to be redeemed and to redeem Bonds prior to their stated maturity upon their presentation in accordance with the provisions of Section 5 of this Current Bond Ordinance upon receiving, sufficient funds; and
(4) To supply the City with a written accounting evidencing the payment of interest on and principal of
the Bonds within 30 days following each respective due date.

The Bond Registrar/Payee Bank shall be entitled to the advice of counsel and shall be protected for any acts taken by it in good faith in reliance upon such advice. The Bond Registrar/Payee Bank shall not be liable for any actions taken in good faith and belleved by it to be within its discretion or the power conferred upon it by this Current Bond Ordinance, or the responsibility for the consequences of any oversight or error of judgment.

The Bond Registrar/Payee Bank may at any time resign from its duties set forth in this Current Bond Ordinance by filing its resignation with the City Clerk and notifying the Purchaser of the Bonds. Thereupon, the City shall designate a successor Bond Registrar/Payee Bank which shall be an incorporated bank or trust company authorized to transact business in the United States of America. Notwithstanding the foregoing, in the even't of the resignation of the Bond Registrar/payee Bank, provision shall be made for the orderly transition of the books, records and accounts relating to the Bonds to the successor Bond Registrar/Payee Bank in order that there will be no delinquencies in the payment of interest or principal due on the Bonds.

The Bond Registrar/Transfer Agent/Payee Bank shall indicates its acceptance of its duties as Bond Registrar, Transfer Agent and Payee Bank by signing the acceptance at thel conclusion of this Current Bond Ordinance.

SECTION 27. DESIGNATION AS QUALIFIED TAX-EXEMPT OBLIGATIONS. The City hereby certifies that it does not reasonably anticipate that the total principal amount of "qualified tax-exempt obligations" within the meaning of Section 265(b)(3) of the code which the City, or any subordinate entity of the City, will issue during the calendar year during which the Current Bonds are issued, will exceed $\$ 10,000,000$; and therefore the City hereby designates the Current Bonds issued pursuant to this Current Bond Ordinance as "qualified tax-exempt obligations".

SECTION 28. PROVISIONS IN CONFLICT REPEALED. All ordinances, resolutions and orders, or parts thereof, in conflict herewith are, to the extent of such conflict, hereby repealed and it is hereby specifically ordered and provided that except for the permissible issuance of Parity Bonds pursuant to Section 13 hereof, any proceedings heretofore taken for the issuance of other bonds payable or secured in any manner by all or any part of the income and revenues of the System or any part thereof, and which have not heretofore been issued and delivered are hereby revoked and rescinded, and none of such other bonds shall be issued and delivered.

SECTION 29. SEVERABILITY CLAUSE. If any section, paragraph, clause, or provision of this Current Bond Ordinance shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Current Bond Ordinance.

SECTION 30. EFFECTIVE DATE OF ORDINANCE. This Current Bond Ordinance shall be introduced at a meeting of the Governing Body and remain on file for at least one week for public inspection in the completed form in which it shall be put on its final enactment and if enacted shall be published by title and summary in a Notice of Enactment and Summary of Ordinance and shall be in full force and effect immediately following publication of such Notice.

Introduced and Given First Reading, September 8, 1992. Given Second Reading and Final Enactment, September 22, 1992.


Attest:


## CERTIFICATE OF CITY CLERK

I, JANICE F. TOLLE, hereby certify that $I$ am the duly qualified and acting City Clerk of the City of Cynthiana, Kentucky, that the foregoing Ordinance is a true and correct copy of an Ordinance authorizing the issuance of $\$ 5,720,000$ (plus or minus up to $\$ 570,000$ ) of City of Cynthiana, Kentucky Water and Sewer Refunding Revenue Bonds, Series 1992, dated September 1, 1992, that said Ordinance was introduced and given first reading by the Board of Commissioners of said City on September 8, 1992, and that it was placed and remained on file in my office for public inspection in that identical, completed form until September 22, 1992, on which date it was given its second reading and final enactment by said Board, that said meetings were duly held in accordance with all applicable requirements of Kentucky law, including KRS 61.810, 61.815, 61.820, and 61.825, that a quorum was present at each of said meetings, that such Ordinance has been ordered to be published by title and summary in a Notice of Enactment and Summary, in the form attached hereto, and that said Ordinance has not been modified, amended, revoked or repealed, and that same is now in full force and effect.

IN TESTIMONY WHEREOF, witness my signature as City Clerk and the official Seal of said City this September 22, 1992.

(Seal of City)

ACCEPTANCE BY THE HARRISON DEPOSIT BANK \& TRUST COMPANY, BOND REGISTRAR, TRANSFER AGENT, AND PAYEE BANK

The undersigned, The Harrison Deposit Bank \& Trust Company, hereby agrees to the provisions of the foregoing Ordinance to the extent there are contained therein provisions as to the rights and duties of it as Bond Registrar, Transfer Agent and Payee Bank.

Dated: October 15, 1992.

THE HARRISON DEPOSIT BANK \& TRUST COMPANY

(Seal of Bank)

## EXHIBIT A

Maturity Date January 1,

$$
1993
$$ 1994 1995

1996
1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007

## Principal

 Maturity310,000
225,000
225,000
235,000
245,000
315,000
385,000
405,000
425,000
445,000
470,000
490,000
520,000
550,000
575,000

City of Cynthiana, Kentucky Water and Sewer Refunding Revenue Bonds, Series 1992
 DEET SERVICE SCHEDULE
$\qquad$

| dATE | PRINCIPAL | COUPON | INTEREST | PERIOD TOTAL | FISCAL TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1/ 1/93 | 310,000.00 | 3.125000 | 109,768.33 | 419,768.33 | 419,768.33 |
| 7/ 1/93 |  |  | 159,808.75 | 159,808.75 |  |
| 1/ 1/94 | 225,000.00 | 3.750000 | 159,808.75 | 384,808.75 | 544,617.50 |
| 7/ 1/94 |  |  | 155,590.00 | 155,590.00 |  |
| 1/ 1/95 | 225,000.00 | 4.000000 | 155,590.00 | 380,590.00 | 536,180.00 |
|  |  | - |  |  |  |
| 7/ 1/95 | . |  | 151,090.00 | 151,090.00 |  |
| 1/ 1/96 | 235,000.00 | 4.500000 | 151,090.00 | 386,090.00 | 537,180.00 |
| 7/ 1/96 |  |  | 145,802.50 | 145,802.50 |  |
| 1/ 1/97 | 245,000.00 | 5.000000 | 145,802.50 | 390,802.50 | 536,605.00 |
| 7/ 1/97 |  |  | 139,677.50 | 139,677.50 |  |
| 1/ 1/98 | 315;000.00 | 5.250000 | 139,677.50 | 454,677.50 | 594,355.00 |
| 7/ 1/98 |  |  | 131,408.75 | 131,408.75 |  |
| 1/ 1/99 | 385,000.00 | 5.500000 | 131,408.75 | 516,408.75 | 647,817.50 |
| 7/ 1/99 |  |  | 120,821.25 | 120,821.25 |  |
| 1/ 1/0 | 405,000.00 | 5.750000 | 120,821.25 | 525,821.25 | 646,642.50 |
| 7/ 1/0 |  |  | 109,177.50 | 109,177.50 |  |
| 1/ 1/1 | 425,000.00 | 6.000000 | 109,177.50 | 534,177.50 | 643,355.00 |
| $7 / 1 / 1$ |  |  | 96,427.50 | 96,427.50 |  |
| 1/ 1/2 | 445,000.00 | 6.200000 | 96,427.50 | 541,427.50 | 637,855.00 |
| 7/1/2 |  |  | 82,632.50 | $82,632.50$ |  |
| 1/1/3 | 470,000.00 | 6.250000 | 82,632.50 | 552,632.50 | 635.265.00 |
| $7 / 1 / 3$ |  |  | 67,945.00 | 67,945.00 |  |
| 1/ 1/ 4 | 490,000.00 | 6.300000 | 67,945.00 | 557.945.00 | 625,890.00 |
| $7 / 1 / 4$ |  |  | 52,510.00 | 52,510.00 |  |
| 1/1/5 | 520,000.00 | 6.350000 | 52,510.00 | 572,510.00 | 625,020.00 |
| 7/ 1/5 |  |  | 36,000.00 | 36,000.00 |  |
| 1/1/6 | 550,000.00 | 6.400000 | 36,000.00 | 586,000.00 | 622,000.00 |
| 7/1/6 |  |  | 18,400.00 | 18,400.00 |  |
| 1/1/7 | 575,000.00 | 6.400000 | 18,400.00 | 593,400.00 | 611,800.00 |
|  | ---------- |  | ----------- |  |  |
|  | 5,820,000.00 |  | 3,044,350.83 | 8,864,350.83 |  |
| ACCRUED |  |  | $40,248.39$ | 40,248.39 |  |
|  | 5,820,000.00 |  | 3,004,102.44 | 8,824,102.44 |  |
|  |  |  |  | -=m= |  |

RUNDATE: 09-22-1992 @ 20: $\mathbf{3}^{\mathbf{7}}: 47$ FILENAME: CYNTHIANA KEY: NEW
$\qquad$ of 3

## CITY OF CYNTHIANA

## REQUEST:

List all persons on Cynthiana's payroll during the proposed test period. For each employee, state his or her job duties, total wages paid during the fiscal year, current salary or wage rate, and the percentage of work hours spent performing duties for each city division (e.g., water, sewer, police department, public works) during the fiscal year. If Cynthiana's records do not permit the allocation of an employee's work hours among city divisions, provide an estimate for each employee and explain how Cynthiana derived the estimate.

## RESPONSE:

The attached chart reflects those City employees assigned to the Water Department of the City, as well as those general Public Works employees whose time has been allocated to the Water Department.
CITY OF CYNTHIANA
Payroll Register
For Period: $07 / 01 / 98$ to 0

| Employee | Department | Job Duty | Total Wages (including benefits) | Current Base Salary | Allocation of Work Hours |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Brooks, Douglas R. | Public Works | Maintenance Worker II | 19928.36 | 14,706.00 |  |
| Conner, Leroy W. | Public Works | Supervisor | 36,664.54 | 26,312.00 |  |
| Herrington, Kenneth | Public Works | Maintenance Worker I | 3,057.13 | -- |  |
| Hutchison, Randy L. | Public Works | Equipment Operator | 27,795.29 | 16,994.00 |  |
| Kelly, III, Erman | Public Works | Maintenance Worker I | 20,438.60 | 13,000.00 |  |
| Mastin, Martin C. | Public Works | Maintenance Worker I | 3,002.08 | 14,061.00 |  |
| Nickerson, Lawrence | Public Works | Maintenance Worker II | 29,310.96 | 15,995.00 |  |
| Puckett, John M. | Public Works | Maintenance Worker I; Equipment Operator | 26,937.50 | 15,746.00 |  |
| Purcell, Donald W. | Public Works | Terminated | 1,775.96 | -- |  |
| Richardson, Jason W. | Public Works | Maintenance Worker I | 2,033.05 | -- |  |
| Ritchey, Shawn | Public Works | Commissioner | 2,906.55 |  |  |
| Sams, Joseph L. | Public Works | Maintenance Worker II | 22,239.84 | 14,706.00 |  |
| Taylor, Frankie C. | Public Works | Commissioner | 1,453.28. |  |  |
| Tucker, Charles D. | Public Works | Maintenance Worker I | 17,905.38 | 13,000.00 |  |
| Williams, Larry R. | Public Works | Foreman | 37,834.95 | 22,339.00 |  |
| Williams, Marvin G. | Public Works | Terminated | 986.65 | -- |  |
|  |  |  | 254,270.12 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |


| Employee | Job Duty | Total Wages <br> (including <br> benefits) | Current <br> Base Salary | Allocation of Work <br> Hours |  |
| :--- | :--- | :--- | ---: | ---: | ---: |
|  | Department |  |  |  |  |
| Brooks, Donald W. | Water | Part-time | 2449.04 | $9,500.00$ |  |
| Clark, David P. | Water | Meter Reader | $22,342.96$ | $14,747.20$ |  |
| Fuller, Eugene W. | Water | Distribution and Sr. Meter <br> Reader | $37,563.60$ | $22,630.40$ |  |
| Gilliam, Clyde P. | Water | Operator | $28,126.14$ | $20,072.00$ |  |
| Hubbard, Jr., William | Water | Supervisor | $34,244.76$ | $26,811.20$ |  |
| Moses, Donald Lee | Water | Operator | $28,502.29$ | $19,926.40$ |  |
| North, Roger D. | Water | Operator | $24,660.18$ | $15,350.40$ |  |
| Poynter, James M. | Water | Operator | $33,968.77$ | $25,438.40$ |  |
| Slade, Ronnie E. | Water | Meter Reader | $29,122.11$ | $19,094.40$ |  |
| Tebelman, Robert L. | Water | Part-Time Operator | $6,368.88$ |  | -- |
|  |  |  | $247,348.73$ |  |  |
|  |  |  |  |  |  |

## CITY OF CYNTHIANA

## REQUEST:

For each employee listed in Item 6, describe how Cynthiana allocated his or her payroll and payroll overhead charges to each city division for the proposed test period. This response shall include a detailed explanation of all allocation procedures. Payroll overhead charges include payroll taxes, health insurance premiums, pension costs, and any other employee benefit costs.

## RESPONSE:

Cynthiana allocated payroll and payroll overhead charges to public works, water and sewer through the use of a one-month (July 1999) study period. During the study period, employees tracked their hours by division. Cynthiana then allocated payroll and payroll overhead charges for the test period by multiplying the charges by the relevant percentages of the employees' time worked for each division.

## CITY OF CYNTHIANA

## REQUEST:

a. List all joint or shared costs that Cynthiana incurred during the proposed test period. For each cost, list the vendor, total expense amount, amounts allocated per division, and the basis for allocation.
b. Describe the procedures to allocate joint and shared costs among Cynthiana's divisions for the proposed test period.
c. Provide all internal memorandum, policy statements, correspondence and documents related to the allocation of joint and shared costs.

## RESPONSE:

a. Public Works employees whose costs are assigned to the City perform services for the Water Department. Through a study conducted in the month of July 1999, Cynthiana has allocated $\$ 104,117$ in costs to the Water Department for purposes of the cost study. All other costs are accounted for separately.
b. Cynthiana's accounting separates these costs, so except as set forth above, there are no shared or joint costs among Cynthiana's divisions.
c. Not applicable.

## CITY OF CYNTHIANA

## REQUEST:

Provide detailed depreciation schedules for the water and sewer divisions. A separate schedule shall be provided for each division.

## RESPONSE:

Depreciation schedules for the water and sewer divisions are attached hereto.

CITY OF CYNTHIANA
Depreciation Schedule
"DEPR.WK1"

|  |  |  |  | Accum. Deprec. | Deprec. Expense | Accum Deprec. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Description | Life | CosUPrice | 6-30-98 | 1998-99 | 6-30-99 |

Water Plant - 3-00-1190

| 7/1/72 | Plant | 33 | 1,174,198.48 | 954,205.44 | 35,225.95 | 989,431.40 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 711/77 | Plant | 33 | 66,137.73 | 41,824.13 | 1,984.13 | 43,808.26 |
| 7/1/84 | New roof | 20 | 6,500.00 | 4,550.00 | 325.00 | 4.875 .00 |
| 711/85 | Pump \& Drill | 20 | 13,588.67 | 8,832.60 | 679.43 | 9.512 .04 |
| 7/1/86 | New molor \& Pump | 20 | 31,308.13 | 20,350.32 | 1,565.41 | 21,915.72 |
| 7/1/87 |  | 33 | 2,750.24 | 999.66 | 83.34 | 1.083 .00 |
| 7/1/90 | Engineering fees | 20 | 166,479.25 | 74,915.65 | 8,323.96 | 83,239.61 |
| 7/1/91 | Intake, pumping imp | 33 | 426,672.97 | 103,041.52 | 12,800.19 | 115,841.71 |
| 7/1/92 | Treatment plant imp | 33 | 1,273,967.49 | 269,061.91 | 38,219.02 | 307,280.94 |
| 8/13/91 | Air mask | 5 | 1,350.00 | 1,350.00 | 0.00 | 1,350.00 |
| 9/8/92 | Duplex melering pu | 5 | 2,387.11 | 2,387.11 | 0.00 | 2,387.11 |
| 10/13/92 | Butterly valve | 5 | 1,250.92 | 1,250.92 | 0.00 | 1,250.92 |
| 6/8/93 | Rebuill high service | 5 | 3,759.48 | 3,759.48 | 0.00 | 3,759.48 |
| 7/1/95 | Additions | 5 | 31,291.24 | 18,774.74 | 6,258.25 | 25,032.99 |
| 06/30/97 | Testing Equipment | 5 | 2,400.00 | 480.00 | 480.00 | 960.00 |
| 06/30/98 | Testing Equipment | 5 | 1,409.00 | 0.00 | 0.00 | 0.00 |
| -1.1 |  | 33 |  | 0.00 | 0.00 | 0.00 |
| 11 |  | 33 |  | 0.00 | 0.00 | 0.00 |
| 1 |  | 33 |  | 0.00 | 0.00 | 0.00 |
| 1_1 |  | 33 |  | 0.00 | 0.00 | 0.00 |
| 1.1. |  | 33 |  | 0.00 | 0.00 | 0.00 |
|  | Total: |  | 3.205,450.71 | 1,505,783.49 | 105,944.69 | 1,611,728.18 |

Sewer Plant - 3-00-1195

| $7--\ldots-\ldots-\cdots$ |  |
| :--- | :--- |
| $7 / 1 / 84$ | Sampler |
| $7 / 1 / 84$ | Pump |
| $7 / 1 / 85$ | Compressor \& Pum |
| $7 / 1 / 86$ | Pressure washer |
| $7 / 1 / 86$ | Fan \& Vent |
| $7 / 1 / 86$ | $12^{2}$ Check valve |
| $7 / 1 / 86$ | 2 CA-3-6 Blowers |
| $7 / 1 / 87$ |  |
| $8 / 13 / 91$ | Air mask |
| $4 / 14 / 92$ | $386-25 m z$ computer |
| $4 / 28 / 92$ | Sewer Rodder |
| $7 / 1 / 92$ | Equipment |
| $7 / 1 / 93$ | Equipment |

Item No. 9
SHEET 3 OF 5
"DEPR.WK1"

| Date | Description | Life | Cost/Price | Accum. Deprec. 6-30-98 | Deprec. Expense 1998-99 | Accum. Deprec. 6-30-99 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10/13/92 | Rebuild pump | 5 | 4,946.42 | 4,946.42 | 0.00 | 4,946.42 |
| 5/11/93 | Compressor | 5 | 8,125.00 | 8,125.00 | 0.00 | 8,125.00 |
| 9/14/93 | Pump for pumphous | 5 | 6,028.87 | 6,028.87 | 0.00 | 6,028.87 |
| 9/14/93 | Bearing cartridge | 5 | 1,615.76 | 1,615.76 | 0.00 | 1,615.76 |
| 11/9/93 | Incenerator room | 5 | 4,350.00 | 4,350.00 | 0.00 | 4,350.00 |
| 1/11/94 | Model 800 sl sampl | 5 | 2,577.18 | 2,577.18 | 0.00 | 2,577.18 |
| 6/14/94 | Bearing cartridge | 5 | 1,284.98 | 1,284.98 | 0.00 | 1,284.98 |
| 6/14/94 | Sleeve RBC journal | 5 | 3,600.00 | 3,600.00 | 0.00 | 3,600.00 |
| 10/10/95 | Cord blower | 5 | 1,693.67 | 677.47 | 338.73 | 1,016.20 |
| 12/12/95 | Bearing cartridge | 5 | 3,397.36 | 1,358.94 | 679.47 | 2,038.42 |
| 5/14/96 | Roller chain | 5 | 672.53 | 269.01 | 134.51 | 403.52 |
| 6/30/96 | Rescue equipment | 5 | 1,070.99 | 428.40 | 214.20 | 642.59 |
| 1_1_ |  | 5 |  | 0.00 | 0.00 | 0.00 |
|  | Total: |  | 138.694.03 | 154,050.08 | 1,366.92 | 155,417.00 |

Sewage Disposal Plant - 3-00-1200

| 7/1/72 | Original plant | 33 | 476,277.70 | 387,356.31 | 14,432.66 | 401,788.97 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7/1/83 | New plant | 50 | 5,046,453.53 | 1,513,935.77 | 100,929.07 | 1,614,864.84 |
| 7/1/87 |  | 50 | 315,250.73 | 75,660.13 | 6,305.01 | 81,965.14 |
| 7/1/87 |  | 20 | 15,865.99 | 9,519.30 | 793.30 | 10,312.60 |
| 7/1/88 |  | 50 | 96,882.00 | 21,314.04 | 1,937.64 | 23,251.68 |
| 7/1/89 | Morton building | 50 | 4,632.00 | 926.40 | 92.64 | 1,019.04 |
| 7/1/90 | Morton building | 50 | 10,851.51 | 1,953.27 | 217.03 | 2,170.30 |
| 7/1/91 | Concrete floor | 50 | 4,014.00 | 642.24 | 80.28 | 722.52 |
| 7/1/92 | Gas \& Water lines | 50 | 4,042.70 | 565.96 | 80.85 | 646.82 |
| 7/1/92 | Transformer | 50 | 1,275.00 | 178.50 | 25.50 | 204.00 |
| 11 |  | 5 |  | 0.00 | 0.00 | 0.00 |
| 11 |  | 5 |  | 0.00 | 0.00 | 0.00 |
| 11 |  | 5 |  | 0.00 | 0.00 | 0.00 |
|  |  | 5 |  | 0.00 | 0.00 | 0.00 |
|  |  | 5 |  | 0.00 | 0.00 | 0.00 |
|  | Total: |  | 5.975.545.16 | 2,012,051.92 | 124,893.99 | 2,136,945.91 |

Sewage Collection line - 3-00-1210

| $7 / 1 / 72$ | Utility In service | 33 |
| :--- | :--- | :--- |
| $7 / 1 / 72$ | 3-M plant lines | 33 |
| $7 / 1 / 72$ | River road line | 33 |
| $7 / 1 / 72$ | Poplar st. line | 33 |
| $7 / 1 / 80$ | Improvements | 33 |
| $7 / 1 / 81$ | Bundy station $\&$ oth | 33 |
| $7 / 1 / 84$ | Wal-mart | 33 |
| $7 / 1 / 85$ | Wal-mart | 33 |

$591,326.70$
$92,099.50$
732.49
$10,177.99$
$5,561.84$
$49,613.70$
$29,643.53$
$4,647.85$
$480,934.17$
$74,905.54$
596.05
$8,273.07$
$3,032.78$
$25,464.74$
$11,658.47$
$1,827.17$
$17,918.99$
$2,790.89$
22.20
308.42
168.54
$1,503.45$
898.29
140.84
498,853.16
77,696.44
618.25

8,581.50
3,201.32
26,968.18
12,556.76
1,968.02

ITEM NO. 9
CITY OF CYNTHIANA
Depreciation Schedule
"DEPR.WK1"

| Date | Description | Life | Cost/Price | Accum. Deprec. 6-30-98 | Deprec. Expense 1998-99 | Accum. Deprec. <br> 6-30-99 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7/1/94 | grade lift station | 33 | 28,511.82 | 4,319.80 | 863.99 | 5,183.80 |
| 7/1/95 | Line additions | 33 | 1,750.00 | 159.09 | 53.03 | 212.12 |
| 6/30/96 | Upgrade lift station | 33 | 38,237.32 | 2,317.41 | 1,158.71 | 3,476.12 |
| 6/30/96 | Chemical containm | 33 | 9,585.36 | 580.93 | 290.47 | 871.40 |
| 6/30/96 | Metering pump | 33 | 2,307.00 | 139.82 | 69.91 | 209.73 |
| 6/30/96 | Chlorine injection sy | 33 | 10,088.00 | 611.39 | 305.70 | 917.09 |
| 6/30/97 | Chlorine injection sy | 5 | 5,762.25 | 1,152.45 | 1,152.45 | 2,304.90 |
| 6/30/99 | Lift Station upgrade | 20 | 47,611.16 | 0.00 | 2,380.56 | 2,380.56 |
| 7/1/72 |  | 5 |  | 0.00 | 0.00 | 0.00 |
|  | Total: |  | 927,656.51 | 615,972.89 | 30,026.44 | 645,999.33 |

Trucks \& maintenance vehicles - 3-00-1220

| $\cdots 7 / 1 / 72$ |  | 5 |
| :--- | :--- | :--- |
| $7 / 1 / 73$ |  | 5 |
| $7 / 1 / 81$ |  | 5 |
| $7 / 1 / 83$ |  | 5 |
| $7 / 1 / 84$ | Disaster emrgency $i$ | 5 |
| $7 / 1 / 85$ | 1975 GMC truck | 5 |
| $7 / 1 / 86$ | 1979 F-100 Ford $P$. | 5 |
| $7 / 1 / 91$ | 1991 Chev P.U. truc | 5 |
| $10 / 13 / 92$ | Radio antenna | 5 |
| $06 / 30 / 97$ | Truck Bed | 5 |

Office equipment - 3-00-1230

| $7--------------$ | 5 |  |
| :--- | :--- | :--- |
| $7 / 1 / 72$ |  | 5 |
| $7 / 1 / 87$ | Computer system | 5 |
| $2 / 22 / 94$ | O\&M manuals \& ma | 5 |
| $6 / 30 / 96$ | Air conditioner | 5 |
| $6 / 30 / 96$ | Fax machine | 5 |
| $6 / 30 / 98$ | Equipment | 5 |
|  |  |  |
|  | Total: |  |


| $6,982.80$ |
| ---: |
| $2,395.50$ |
| $13,500.00$ |
| $1,750.00$ |
| $2,750.00$ |
| 155.00 |
| $23,532.71$ |
|  |
| $51,066.01$ |


| $8,732.80$ | 0.00 |
| ---: | ---: |
| $2,395.50$ | 0.00 |
| $13,500.00$ | 0.00 |
| $1,750.00$ | 0.00 |
| $1,100.00$ | 550.00 |
| 62.00 | 31.00 |
| 0.00 | $4,706.54$ |
|  |  |
| $27,540.30$ | $5,287.54$ |

$8,732.80$
$2,395.50$
$13,500.00$
$1,750.00$
$1,650.00$
93.00
$4,706.54$

$32,827.84$

WaterDistribution System $300=1240$
Watg

| $7 / 1 / 72$ | 33 | $595,990.78$ |
| :--- | ---: | ---: |
| $7 / 1 / 73$ | 33 | $121,221.31$ |
| $7 / 1 / 74$ | 33 | $22,945.80$ |
| $7 / 1 / 76$ | 33 | $17,163.99$ |
| $7 / 1 / 77$ | 33 | $15,661.08$ |
| $7 / 1 / 78$ | 33 | $19,445.12$ |
| $7 / 1 / 79$ | 33 | $10,560.96$ |
| $7 / 1 / 80$ | 33 | $9,821.97$ |

## 484,728.58 <br> 93,321.20 <br> 17,135.06 <br> 11,385.92 <br> 9,919.97 <br> 11,728.26 <br> 7,324.09 <br> 6,247.79

$18,060.33$
$3,673.37$
695.33
520.12
474.58
589.25
320.03
297.64
502,788.91
96,994.57
17,830.39
11,906.04
10,394.55
12,317.50
7,644.12
6,545.42

Item No. 9 Sheet 5 Of 5

CITY OF CYNTHIANA
"DEPR.WK1"

| Date | Description | Life | CosUPrice | Accum. Deprec. 6-30-98 | Deprec. Expense $1998-99$ 1998-99 | Accum. Deprec. 6-30-99 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7/1/81 |  | 33 | 48,401.92 | 27,748.81 | 1,466.72 | 29,215.54 |
| 7/1/84 | Water tower | 33 | 14,301.00 | 6,057.65 | 433.36 | 6,491.01 |
| 711/84 | Stone avenue line | 33 | 1,051.20 | 446.37 | 31.85 | 478.22 |
| 7/1/84 | Wal-mart line | 33 | 29,643.52 | 14,303.03 | 898.29 | 15.201.31 |
| 7/1/85 | Wal-mart line | 33 | 4,647.85 | 1,827.17 | 140.84 | 1.968 .02 |
| 7/1/86 | 20 Fire hydrants | 33 | 18,813.14 | 7,398.61 | 570.10 | 7,968.70 |
| 7/1/86 | Upgrade lift stations | 33 | 13,440.00 | 5,285.66 | 407.27 | 5,692.93 |
| 7/1/86 | Engineering fees | 33 | 13,837.53 | 5,740.20 | 419.32 | 6,159.52 |
| 7/1/86 | 56 water meters | 33 | 2,500.00 | 833.27 | 75.76 | 909.03 |
| 711/87 |  | 33 | 18,641.35 | 6,778.31 | 564.89 | 7,343.20 |
| 7/1/88 | 9 Fire hydrants | 33 | 5,002.84 | 1,667.52 | 151.60 | 1,819.12 |
| 7/1/88 | Raw water line | . 33. | 2,638,845.27 | 879,551.10 | 79,965.01 | 959.516.11 |
| 7/1/88 | Upgrade lift stations | 33 | 260,837:56 | 86,939.55 | 7,904.17 | 94,843.71 |
| 711/89 | Raw water intake st | 33. | 1331,373.56 | 100,409.21 | 10,041.62 | 110,450.83 |
| 711/90 | Water tank | 33 | 390,998.33 | 106,628.80 | 11,848.43 | 118.477.24 |
| 7/1/90 | Upgrade lift station | 33 | 25,745.45 | 7,021.04 | 780.17 | 7,801.20 |
| 7/1/91 | Upgrade lift station | 33 | 20,956.35 | 5,080.02 | 635.04 | 5,715.06 |
| 7/1/92 | Upgrade lift station | 33 | 43,427.64 | 9,211.41 | 1,315.99 | 10.527.40 |
| 711/92 | Water line constr | 33 | 581,399.43 | 123,312.81 | 17,618.16 | 140,930.98 |
| 7/1/92 | improvements | 33 | 18,238.68 | 3,868.58 | 552.69 | 4.421.27 |
| 7/1/93 | Upgrade lift station | 33 | 143,884.57 | 26,159.52 | 4,360.14 | 30,519.65 |
| 7/1/93 | Water tower repairs | 33 | 11,868.00 | 2,147.03 | 359.64 | 2,506.67 |
| 7/1/93 | Industrial park lines | 33 | 167,440.38 | 30,442.17 | 5,073.95 | 35.516.12 |
| 7/1/93 | Water tower disman | 33 | 12,125.00 | 2,204.44 | 367.42 | 2.571 .87 |
| 7/1/94 | Industrial park line | 33 | 1,673.84 | 253.61 | 50.72 | 304.33 |
| 7/1/94 | Water tower repairs | 33 | 16,830.00 | 2,477.18 | 510.00 | 2,987.18 |
| 9/12/95 | Hydrants | 33 | 4,340.76 | 299.42 | 131.54 | 430.95 |
| 1/9/96 | Tapping sleeve | 33 | 1,560.00 | 94.55 | 47.27 | 141.82 |
| 3/12/96 | Backwash flow tran | 33 | 1,942.46 | 117.72 | 58.86 | 176.59 |
| 3/12/96 | Water meters | 33 | 5,910.77 | 358.23 | 179.11 | 537.34 |
| 6/30/96 | Repairs on water to | 33 | 1,855.35 | 112.45 | 56.22 | 168.67 |
| 6/30/96 | Testing equipment | 33 | 15,598.76 | 945.38 | 472.69 | 1,418.07 |
| 6/30/96 | Rescue equipment | 33 | 1,071.00 | 64.91 | 32.45 | 97.36 |
| 6/30/96 | 1996 additions | 5 | 3,315.17 | 1,326.07 | 663.03 | 1,989.10 |
| 6/30/98 | 1998 additions | 5 | 3,772.15 | 0.00 | 754.43 | 754.43 |
|  | Total: |  | 5,688,101.84 | 2,108,902.66 | 173,569.42 | 2,282,472.08 |

Grand Total:
$16,039,731.73$
$6,475,153.90$
$441,680,22$
$6.916,834.12$
WATER
285,392.88

SEWER
441.680. 22

## CITY OF CYNTHIANA

## REQUEST:

Provide an adjusted trial balance and audit adjustments for the proposed test period. The trial balance shall be traced and referenced directly to the general ledger requested in Item 4.

## RESPONSE:

An adjusted trial balance and audit adjustments for the proposed test period is attached hereto. The account numbers on the Adjusted Trial Balance match the account numbers found on the general ledger.
$58: 50-02$
$11 / 1211939$
01.52 PM

| Account ${ }^{\text {a }}$ i Description |  | Prior Period (Adjusted) 06/30/1998 | Unadjusted Balance Or (C) <br> Ret\# | Adjustrnents $\mathrm{Dr}(\mathrm{Cr})$ | Adjusted <br> Balance <br> $\mathrm{Dr}(\mathrm{Cr})$ | Workpare: Reforeres |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 00.1110 | PASSBOOK NEW DEBT SVC RSV | 634.04 | 6,34.04 AJE 5 | 13.00 | 647.04 | A-20 |
| 00-1140 | CASH-CHANGE FUND | 150.00 | 150.00 |  | 150.00 | A. 21 |
| 00.1150 | CASH WATER PLANT PETTY | 50.00 | 50.00 |  | 50.00 | A.21 |
| 00.1160 | CASH-SEWAGE PLANT | 50.00 | 5000 |  | 50.00 | A. Z 1 |
| 00.1190 | WATER PLANT | 3.204 .041 .71 | 3.204 .04171 A.JE-10 | 1:409.00 | 3.205 .450 .71 | F. 1 |
| 00.1195 | SEWER EQUIPMENT | 138.694 .03 | 138.694 .03 |  | 138.694.0.3 | F-I |
| 00.1200 | SEWAGE DISPOSAL-PLANT | 5.975.545.16 | 5.975.545.16 |  | 5.975.545.16 | F. 1 |
| 00.1210 | SEWAGE COLLECTION LINE | 880,045.65 | 880,045.65 A.JE-2 | 47.610.86 | 927.656.51 | F-1 |
| $00-1220$ | TRUCK \& MAINTENANCE VEHIC | 53,217.47 | 53.217 .47 |  | 53.217 .47 | F. 1 |
| 00-1230 | DFFICE EQUIPMENT | 27,533.30 | 27,533.30 AJE. 2 | 23,532.71 | 51.066 .01 | f-1 |
| 00-1240 | WATER DISTRIBUTION SYSTEM | 5,684.329.69 | 5,684.329.69 A.JE..? | 3.772 .15 | 5,688,101.84 | F: |
| 00-1260 | CONSTRUCTION IN PROGRESS |  |  |  |  |  |
| 00.1290 | UNAMORTIZED BOND COSTS 92 | 106,380.00 | 106,380.00 A.JE-4 | (11.820.00) | 94,560.00 | D. 1 |
| 00-1293 | CERT OF DEP-WATER FUND | 158,200.02 | 162,262.51 |  | 162,262.51 | A-22 |
| 00-1295 | COMs S Debt Ser Res 92 Inv-HD |  | 682.000.00 |  | 582,000.00 | A-23 |
| 00.1300 | CASH CONSTRUC FUND 87 | 146.008 .23 | 103,152.30 AJE-4 | 349.73 | 103.502.03 | A. 24 |
| 00.1303 | W\&S REF BONDS 92 SINK FND | 348,341.76 | 1,002.479.47 AJE-4 | (047.778.47) | 354,701.00 | A. 25 |
| 00.1305 | W\&S DEBT SVC RSV 92 | 753.619 .60 | 254,905.50 AJE 4 | 587.68 | 255,493.18 | A. 26 |
| 00.1400 | Water Dist Sys Improvements |  | 100.00 |  | 100.00 | A-2; |
| 00-1510 | AcCOUNTS RECEIV.CUS'TOMERS | 156.60389 | 156.603.83 AJE. 1 | (156.603.89) | 155,933.94 | C. 3 |
|  |  |  | A.JE-1 | 155,933.94 |  |  |
| 00-1520 | Accuunts Rec-FEMA | 90,481.64 | 90,481.64 |  | 90.48164 | E-1 |
| 00-1550 | ACCURED INTEREST RECV | 691.96 | 591.96 A.JE. 12 | (698.96) | 12.660 .87 | R-1 |
|  |  |  | A.JE-12 | 12,660.87 |  |  |
| 00-1650 | CASH-STREFT OPENING | 1.200.00 | 4.90 .00 |  | 450.00 | A-28 |
| 00.1700 | CASH OBM FNB | 56,297.31 | 46,760.70 A.EF-13 | 15,2\%2.36 | 62,033.06 | A. 29 |
| 00-1750 | ACCRUED INTEREST RECEIVABLE |  |  |  |  |  |
| 00.2185 | COLONIAL LIFE INSURANCE |  | 33.78 A.IE.8 | (33.78) |  | $\mathrm{BB}-1$ |
| 00.2186 | COMMONWEALTH LIFE WIH | (40.40) |  |  |  | BE. 1 |
| 00-2300 | KY W/H | (422.99) |  |  |  | BB. |
| 00.2310 | CITY W/H | (1.096.72) | (1,189.57) |  | (1.189.67) | 88-1 |
| 00-2320 | ACCRUED RETIREMENT | (2,763.35) | (1,704.00)AJE-7 | 1,751 18 | (2,952.82) | B8-1 |
| 00.2325 | ACCRUED KUI | (158.16) | (168.16) |  | (168.16) | $\mathrm{BB} \cdot 1$ |
| 00.2330 | SALES TAX PAYABLE | (2,702.37) | 27,390, 33 AJE-1 | (29,652.74) | ( $2,253.41$ ) | B8-1 |
| 00.2331 | UTLLTY TAX PAYABLE | (1.837.88) | (1,837.88)AJE-1 | 103.92 | $(1,733.96)$ | B8-: |
| 00.2340 | STREET OPENING BONDS PAY | (1,200.00) | (450.00) |  | (450.00) | 8B. 1 |
| 00.2353 | 1992 BONOS PAYABLE | (4.265,000.00) | (4.312.232.00) $\mathrm{AJE}-4$ | 385.000 .00 | (3,880.000.00) | $\mathrm{CC}-1$ |
|  |  |  | AJE 4 | 647.232.00 |  |  |
| 00.2370 | DUE TO GENERAL FUND |  |  |  |  |  |
| 00.2388 | COUNTY W/H | (365.57) | (346.54) |  | (396.54) | B8-1 |
| 00-2390 | AC.CUMULATED DEPRECIATION | (6.475, 153.90) | (6,475,153.90)A.JE-'s | (441.680.22) | (6,916,834.12) | F-1 |
| 00-2800 | ACCOUNTS PAYABLE | (23.276.66) | (23.276 66)AJE-6 | 23,276.66 | (16,880.00) | AA-; |
|  |  |  | AJE. 10 | (1,607.64) |  |  |
|  |  |  | AJE-13 | $(15,272.36)$ |  |  |
| 00.2810 | ACCOUNTS PAYABLE-SANITATN | $(27,156.21)$ | (27.156.21)AJE-1 | (253.79) | (27.410.00) | C-1 |
| 00-2900 | FICA |  |  |  |  | BB- |
| 00-3010 | ACCRUED INTEREST PAYABLE | (131,408.76) | (131.408.75)AJE. 4 | $10,587.50$ | (120.821.25) | $\mathrm{CC}-1$ |
| 00-3100 | REFUND WATER DEPOSITS | (24,650.00) | (23,60000) |  | (23,600.00) | 88-2 |
| 00-3180 | CREATED BY POSTING |  |  |  |  |  |
| 00-323i | SURPLUS | (424, 184.04) | (394.825.88)A.JF.8 | 33.78 | (310,918.52) | 22.2 |
|  |  |  | AJE-9 | 83,873.58 |  |  |
| 00.3420 | DEBT SERVICE RESERVE | (753,619.60) | (753,619.60)AJE.9 | (83,873.58) | (837,493.18) | $22 \cdot 2$ |
| 00.3430 | CONTRIEUTED CAPITAL.EPA | $(4,003,460.80)$ | (4.003,460.80) |  | (4,003.460.80) | 22-2 |
| 00.3440 | CONTRIBUTED CAPITAL.OTHER | (52,500.00) | (52.500.00) |  | (52.500.00) | 22-2 |
| 00.3450 | CONTRIBUTED CAPITAL-KCDBG | (875,000.00) | (875.000.00) |  | [875,000.00) | 22-2 |
| 00.3451 | CONSTR CAP-KCDBG 88 | (745.500.00) | (745.500.00) |  | (745,500.00) | 22.2 |



58150-02
11/12/1999
01:53 PM

CITY OF CYNTHIANA WATER \& SEWER FUND
Adjusted Trial Balance
for the period ended June 30. 1999

Prepared by $\qquad$

Reviewed by $\qquad$
Page 3

Prior Period
(Adjusted) 06/30/1998

Unadjusted
Balance Dr (Cr)

Ref \#

| Adjustments | Adjusted |  |
| :---: | :---: | :---: |
| Br (Cr) | $\operatorname{Dr}(\mathrm{Cr})$ | Workpaper |
| Reference |  |  |

(476,806.68) $(1,148,148.23)$ (4.162.69) (10.000.00) $(41,847.61)$
(456.457.03)AJE-11
(1.133.082.06)AJE-1
(4.800.53) (10,000.00) (37.491.26)AJE-4

AJE-5 AJE-12
(5:248.57)
(1,320.66)
(1,689.00)
(12,248.23)
(9,171.68)
(780.00)
(11,660.00)
(1,200.00)
(5,520.00)
(327,605.28)A.JE-1 (30,035.57)A.JE-1
(119.19)
(10.535.50)
(13,357.89)
5.09
11.722 .52

134,162.16
88.83
13. 168.76

24,941.66
11.664 .20

2,819.95
425.00

3,318.80
4.252.17
5.633.55

1,565.71
403.59

61,452.47
$12,921.76$
9.246 .92
$33,299.97$
$4,925.79$

$2,000.00$
$1,000.00$
$11,820.00$
504.73
280.281 .92
271.086 .25
$1,355.48$
$66,806.52$
103.92 A.JE-1
(10.353.12)
52.01
7.897 .34

172,584.68
15,389.35 AJE-7
27,243.16
13.278.88

3,827.80
425.00

6,349.16 AJE-6 425.00

4,309.71 AJE-6 A.JE-6
$8,117.23$
1.221.17 468.30
54.342.35 AJE-6

AJE. 6
AJE-6
16,796.37
7,929.05
27,813.08 AJE-6
9,833.30 AJE-6
647.232.00 AJE-4 327.709.30 AJE-1 2,000.00 1,000.00

AJE-4 481.18

AJE-3
AJE-4
5.164.14

74,777.37 AJE-6
AJE. 6
AJE- 6
AJE-6
A.SE-5
$\begin{array}{rr}3.707 .42 & (452,749.61) \\ 644.93 & (1,132,437.13) \\ & (4,800.53) \\ (976.44) & (50.000 .00) \\ (13.00) & (50.49 .61) \\ (11.968 .91) & \\ & (5,248.57) \\ & \\ & (9.171 .68) \\ & (1,200.00) \\ & (5.620 .00)\end{array}$
327.605.28 30.035 .57
(103.92)
(10.353.12)
52.01
7.897.34
$172.584 .68 \quad 50.1$
13,638.17 $\quad 50.2$
27,243.16
13.278 .88
3.827 .80
$425.00 \quad 50-1$
6.139.16 425.00
3.993 .96

8,117.23
1.221.17 468.30

49,631.82

16,796.37
7.929 .05

26,839.38 9.677 .30
(647,232.00)
(327,709.30)
11.820 .00

285,392.8
252,230.00
(126.00)
(17.80)
(4.91)
(84.13)
(119.70)

2,000.00
1.000 .00

11,820.00 D-1 481.18

285,392.88 F-1
252.230.00 CC-1

5,164.14
73.620.12

58150-02
11/12/1999
$01: 53$ PM

CITY OF CYNTHIANA
Prepared by $\qquad$ WATER \& SEWER FUND
Adjusted Trial Balance
for the period ended June 30, 1999

| Prior Period | Unadjusted |  |  | Adjusted |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (Adjusted) | Balance |  | Adjustments | Balance | Workpaper |
| $06 / 3011998$ | $\mathrm{Dr}(\mathrm{Cr})$ | Ref $\#$ | $\mathrm{Dr}(\mathrm{Cr})$ | $\mathrm{Dr}(\mathrm{Cr})$ | Reference |


|  |  |
| :--- | ---: |
| AJE-6 | $(45.83)$ |
| AJE-6 | $(185.13)$ |
| AJE-6 | $(583.46)$ |
| AJE-6 | $(13.93)$ |
| AJE-10 | 23.64 |


| 07-6222 | LINEN SERVICE |
| :--- | :--- |
| $07-6224$ | TRAVEL \& TRAINING |
| $07-6241$ | CLOTHING |
| $07-6600$ | 97 FLOOO EXPENSE |
| 07-6901 | UPGRADE LIFT STATION |
| $07-6902$ | WATER \& SWR LINES-IND SITE |
| $07-6903$ | REPAIRS ON WATER TOWERS |
| $07-6905$ | TESTING EQUIPMENT |
| 07-6906 | COMPUTERPRINTER |
| 07-6907 | RESCUE EQUIPMENT |
| 07-6908 | HEATER/FILTER ROOM |
| 08-3180 | CREATED BY POSTING |
| 08-6000 | OVERTIME EXPENSE |
| 08-6114 | SALARIES |
| 08-6128 | UNEMPLOYMENTINSURANCE |
| 08-6130 | EMPLOYEE RETIREMENT |
| 08-6131 | MEDICAL \& HOSPITAL INSUR |
| 08-6132 | FICA |
| 08-6133 | WORKMEN'S COMPENSATION |
| 08-6134 | CHRISTMAS BONUS |
| 08-6136 | REPAIRS |

08-6137 HAULING (SLUDGE)
08-6139 CONSULTING ENGINEERS
08.6140 TELEPHONE

08-6165 INSURANCE
08-6175 GAS \& OIL
08-6185 ELECTRIC

08-6187 COLUMBIA GAS
08-6189 CHEMICAL SUPPLIES
08.6190 SEWAGE SUPPLIES

08-6192
08-6212
08-6220

BACTERIAL ANALYSIS \& TEST DEPRECIATION
office supplies
20.576 .30 157.798 .14

139

4,025.14
35,722.13
84.370.78
635.00

3,921.04
120.917.70
79.33
9.331.73
20.933 .34
$8,054.48$
4.379 .40
300.00
51.981 .97
$30,445.00$
1.100 .00
1.331 .00

12.197 .69
2.075 .11
242.17
$47,049.62$

1.938 .85
$63,443.91$
42.787 .51
.
431.53
414.19 AJE-E

4,286.77 AJE-6
392.50

12,125.00 AJE-2 3.772.15 AJE-2

AJE-6
AJE-6
AJE-6

AJE. 10
$1,030.73$
114:181.91

9,994.31
23,712.10
8,242.25
4.722 .65
300.00

58,268.17 AJE-6
AJE-6
AJE-6
AJE-6
A.JE-6

AJE-6
31,660.00 AJE-6 15,923.30
946.06 AJE. 6

AJE-6
10,867.23
2,165.31 AJE-6
398.46

46,230.16 AJE-6
AJE-6
AJE. 6
2,287.51
$49,697.73$ AJE-10
25.784.84 AJE-6

AJE-6
AJE-6
A.JE-6
A.JE-6

AJE-6
A.JE-6

AJEG
AJE-6
A.JE-6

19,326.77 A.JE-6
AJE-3
182.17
431.53
259.87

4,005.05
(154.32)
(281.72)
392.50
(12,125.00)
(3,772.15)
$\{030.73 \quad 50.1$
114.181 .91 50-1

9,994.31 50.2
23.712.10

8,242.25
4.722 .65
$300.00 \quad 50-1$
53,644.15
(200.00)
(303.73)
$(3,596.55)$
(441.44)
(40.00)
(2.520.00)

29,140.00
15.923.30
873.99

10,867.23
2,069.44
398.46
$42,743.03$
434.17)
(2,690.34)
(63.57)
(79.34)
(974.08)
(158.81)
(47.94)
(291.33)
(850.78)
(162.14)
(162.29)
(1,169.03)
(373.35)
18.953 .42
$\begin{array}{lll}156,287.34 & 156.287 .34 & \text { F-1 }\end{array}$
182.17
$58150-02$
$11 / 12 / 1999$
$01: 53 \mathrm{PM}$


Prepared by

Reviewed by $\qquad$
Page 5
$\qquad$

## WATER SEWERFUND

58150-02
11/12/1999
01:53 PM

CITY OF CYNTHIANA WATER \& SEWER FUND
Adjusting Journal Entries
for the period ended June 30, 1999
Page ;

Account \#
Account Name / Description
Debits
Credils

08/30/1999
AJE $\quad 1$

| $00-1510$ | ACCOUNTS RECEIV-CUSTOMERS |  | $156,603.89$ |
| :--- | :--- | ---: | ---: |
| $00-1510$ | ACCOUNTS RECEIV-CUSTOMERS | $155,933.94$ |  |
| $00-4701$ | WATER | 644.93 |  |
| $00-4712$ | SANITATION | $327,605.28$ |  |
| $00-4714$ | SALES TAX | $30,035.57$ |  |
| $07-6194$ | TRANS FOR SANITATION |  |  |
| $00-2330$ | SALES TAX PAYABLE | 327.709 .30 |  |
| $00-2331$ | UTILTIY TAX PAYABLE | 103.92 | $29,652.74$ |
| $00-4716$ | UTILITY TAX |  | 103.92 |
| $00-2810$ | ACCOUNTS PAYABLE-SANITATN | 253.79 |  |

To adjust receivables per analysis'

06/30/1999
08.6910

08-6902
07.6907

07-6906
00.1230

00-1240
00.1210

To reclassity to fixed assets
06/30/1999

07-6212
08.6212

00-2390

AJE 2

To record depreciation for year
06/30/1999

00-1303
00-1305
00-2353
00-2353
00-3010
07-6192
07.6213

00-4704
00.9300
00.1290
07.6208

To adjust bonds per analysis

AJE 4


North Main Sewer Project
COMPUTER
RESCUE EQUIPMENT
COMPUTER/PRINTER
OFFICE EQUIPMENT
WATER DISTRIBUTION SYSTEM
SEWAGE COLLECTION LINE
23,532.71
3,772.15
47,610.86

AJE 3

DEPRECIATION
285,392.88
156.287.34

441,680.22
47,610.86
11.407 .71
3.772 .15
$12,125.00$

ACCUMULATED DEPRECIATION

$$
441,680.22
$$

587.68 385,000.00 647,232.00 10.587 .50
252.230.00
349.73
$11,820.00$
647.778 .47

647,232.00
976.44
11.820 .00

58150-02

11/12/1999
01.53 PM

Account \#
Account Name / Description
CITY OF CYNTHIANA
WATER \& SEWER FUND
Adjusting Journal Entries
for the period ended June 30, 1999
Page 2

06/30/1999
00.1110

00-4704
PASSBOOK NEW DEBT SVC RSV
INTEREST INCOME
13.00

To adjust for estimated interest payments for year
06/3011999

| 06/30/1999 | AJE | 6 |  |
| :---: | :---: | :---: | :---: |
| 07-6224 | TRAVEL \& TRAINING |  | 154.32 |
| 07-6140 | TELEPHONE |  | 13.85 |
| 07-6140 | TELEPHONE |  | 301.90 |
| 07.6185 | ELECTRIC |  | 6.72 |
| 07.6185 | ELECTRIC |  | 234.89 |
| 07-6137 | REPAIRS |  | 210.00 |
| 07-6221 | OTHER SUPPLIES |  | 126.00 |
| 07.6221 | OTHER SUPPLIES |  | 17.80 |
| 07-6190 | BACTERIA ANALYSIS |  | 156.00 |
| 07-6241 | CLOTHING |  | 281.72 |
| 07-6221 | OTHER SUPPLIES |  | 4.91 |
| 07-6189 | CHEMICAL SUPPLIES |  | 973.70 |
| 07-6221 | OTHER SUPPLIES |  | 84.13 |
| 07-6221 | OTHER SUPPLIES |  | 119.70 |
| 07.6221 | OTHER SUPPLIES |  | 45.83 |
| 07.6221 | OTHER SUPPLIES |  | 185.13 |
| 07.6221 | OTHER SUPPLIES |  | 583.46 |
| 07-6221 | OTHER SUPPLIES |  | 13.93 |
| 07-6185 | ELECTRIC |  | 4,468.92 |
| 08-5140 | TELEPHONE |  | 17.74 |
| 08-6140 | TELEPHONE |  | 54.33 |
| 08-6185 | ELECTRIC |  | 434.17 |
| 08-6185 | ELECTRIC |  | 362.62 |
| 08-6136 | REPAIRS |  | 42.30 |
| 08-6190 | SEWAGE SUPPLIES |  | 63.57 |
| 08-6190 | SEWAGE SUPPLIES |  | 79.34 |
| 08-6136 | REPAIRS |  | 200.00 |
| 08-6190 | SEWAGE SUPPLIES |  | 974.08 |
| 08-6190 | SEWAGE SUPPLIES |  | 158.81 |
| 08-6136 | REPAIRS |  | 303.73 |
| 08-6190 | SEWAGE SUPPLIES |  | 47.94 |
| 08.6190 | SEWAGE SUPPLIES |  | 291.33 |
| 08-6136 | REPAIRS |  | 3.596.55 |
| 08.6192 | BACTERIAL ANALYSIS \& TEST |  | 373.35 |
| 08.6241 | CLOTHING |  | 162.00 |
| 08-6137 | hauling (Sludge) |  | 2,520.00 |
| 08-6136 | REPAIRS |  | 441.44 |
| 08.6136 | REPAIRS |  | 40.00 |
| 08.6190 | SEWAGE SUPPLIES |  | 850.78 |
| 08-6190 | SEWAGE SUPPLIES |  | 162.14 |
| 08.6190 | SEWAGE SUPPLIES |  | 162.29 |
| 08.6175 | GAS \& OIL |  | 95.87 |
| 08-6185 | ELECTRIC |  | 2,690.34 |
| 08.6190 | SEWAGE SUPPLIES |  | 1,169.03 |
| 00-2800 | ACCOUNTS PAYABLE | 23,276.66 |  |

00-2800

58150-02
11/12/1999
01:53 PM

Account \#
Account Name / Description

06/30/1999

00-2320
07.6130

## ACCRUED RETIREMENT

EMPLOYEE RETIREMENT
To adjust payroll liabilities per analysis
06/30/1999
AJE B
00.3231

SURPLUS
33.78
$00-2185$
COLONIAL LIFE INSURANCE
To adjust for misposting
06/30/1999
00.3231

SURPLUS
debt service reserve
00-3420

To adjust for transfer to reserve

Debits
Credits
$1,751.18$
1.751 .18

CITY OF CYNTHIANA WATER \& SEWER FUND
Adjusting Journal Entries
for the period ended June 30, 1999
Page

AJE 10

OTHER SUPPLIES WATER PLANT CHEMICAL SUPPLIES

ACCOUNTS PAYABLE
To accrue accounts payable at $6 \cdot 30-99$
05/30/1999
08.6223

00-4700
Sewer Charge Refund SEWER

To reclassity Sewer Charge Refunds
06/30/1999
AJE 12
00.1550

ACCURED INTEREST RECV
23.64

07-6221
00-1190
08-6189
00.2800

AJE 11
00.1550

00-4704
To adjust accrual per analysis
06/30/1999

00-1700
$00-2800$
CASH O\&M FNB ACCOUNTS PAYABLE

\begin{abstract}


#### Abstract




\end{abstract}

,

## CITY OF CYNTHIANA

## REQUEST:

Provide the "Enterprise Funds Uniform Financial Information Report" that Cynthiana submitted to the Kentucky Department of Local Government for the fiscal years ending June 30, 1998 and June 30, 1999.

## RESPONSE:

Attached hereto is the Enterprise Funds Uniform Financial Information Report for the fiscal year ending June 30, 1998. Cynthiana has not yet received the Report for fiscal year ending June 30, 1999, but will provide said Report to the Commission upon receipt.

## CITY

UNIFORM FINANCIAL INFORMATION REPORT

FISCAL YEAR 1997-98

## GENERAL INSTRUCTIONS

All information should be provided on a cash basis for the fiscal year beginning July 1, 1997 and ending on June 30, 1998.
On the Tax Rate schedule a rate of 22 and $7 / 10$ cents per $\$ 100$ assessed value should be reported . 227.
ROUND TO THE NEAREST DOLLAR. DO NOT SHOW CENTS FOR REVENUES OR EXPENDITURES.
Use the blank columns for special funds, including Capital Projects and Debt Service funds. Label the fund at the top of the column. Make copies of the forms if you have more funds than there are columns on a page. If you have more than one Capital Projects fund you may total those funds into ONE Capital Projects reporting column in the Revenue Section and one column in the Expenditure Section. The same procedure may be used for Debt Service Funds.

THE ACTUAL TAX RATE LEVIED, COLUMN (d), PART III MUST BE COMPLETED EVEN IF THERE WAS NOT A CHANGE IN THE TAX RATE FROM FISCAL YEAR 1996-97.

Report only new debt or lease agreements. DO NOT COMPLETE THESE SECTIONS AGAIN IF THEY WERE REPORTED LAST YEAR AND THERE WERE NO changes in the debt or lease agreements.

SEND ONE ORIGINAL AND TWO COPIES OF THE COMPLETED FORM to the Department for Local Government BY MAY 1, 1999.

Note: Data supplied by your city in this report will be used by State and Federal Agencies and public interest groups in Kentucky. By filing this report, you will not receive local government Finance Reporting Forms F-21 and F-22 from the U.S. Bureau of the Census.

| Area code | Telephone number | Extension |
| :---: | :---: | :---: |
| 606 | $231-8678$ |  |
| Date | $4-26-99$ |  |

## Part II - CERTIFICATION - Completed report must be signed prior to filing.

This is to certify that the data contained in this report are accurate to the best of my knowledge and belief.

| Signatuje of official Harleen In Jocsadi' | Title Cety Plurk |  | $\begin{aligned} & \text { Date completed } \\ & 4 / 29 / 99 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Printed name of official | Area code | 1 Telephone number | ${ }_{1}$ Extension |
| Sharleen M. McIlvain | 606 | $1234-7150$ | 1 |

## Part III - TAX RATES

3. Motor vehicles and water craft

## A. AD VALOREM TAX INFORMATION

| B. LOCAL DEPOSITS FRANCHISE TAX |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash value <br> (a) | Taxable value <br> (b) | Rate levied <br> (c) | Revenue received <br> (d) |  |  |
| $\$$ | $\$ 138,809,491$ | $\$$ | .025 | $\$ 4,008$ |  |

## Part IV - CITY REVENUE

*If varying rates or fees are charged based upon classification, volume, value, or other criteria, the local government shall submit a fee or chart with the form.


Item No. 11 SHEET 4 OF 20
art IV - CITY REVENUE - Continued



Revenue source
(a)
3. Intergovernmental Continued

| b. Parking facilities |
| :--- |
| c. Impounded vehicles |


| e. Solid waste col- |
| :--- |
| lection and disposal |


| f. Ambulance runs |
| :---: |
| g. Fire protection |
| h. Rental income |


| i. Transit authority | A9 |
| :---: | :---: |
| j. Airport revenue | AO |

K. Special assessments

| I. Police arrest fees | A89 |
| :--- | :--- |
| m. Other - Specify $Z$ |  |


| n. Subtotal Service Charges |  |
| :---: | :---: |
| 5. Other <br> a. Parking violations | $\begin{aligned} & \text { U999 } \\ & \$ \end{aligned}$ |
| b. Fines and forfeitures | U99 |
| c. Penalties and interest | T01 |
| d. Sale of forfeit property | T01 |
| e. Sale of surplus property | A89 |




Any Agency, Board, or Commission that receives any funding from or in behalf of the local government but operates on an autonomous or semi-autonomous basis - usually utility boards.


Name of contact

Address (Street and number)
2

Part VII - GENERAL FUND EXPENDITURES

| (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Personal services <br> a. Salaries and wages | \$123,508 | \$ | \$ | \$ | \$ | \$ |
| b. Pensions | 9.321 |  |  |  | \%. |  |
| c. Life insurance |  |  |  |  | $\therefore$ |  |
| d. Health insurance | 16,054 |  |  |  | $\therefore$ |  |
| e. FICA | 9.334 |  |  |  | \% |  |
| f. Workers Compensation insurance | 171 |  |  |  | \% |  |
| g. Unemployment insurance | 62 |  |  |  | \% |  |
| h. Other - Specify 7 Bonus Senior Citizens Dare <br> Joint Plaming | $\begin{array}{r} 250 \\ 22,000 \\ 3,800 \\ 14,000 \end{array}$ |  | . |  | 6 $\%$ 4 | . |
| i. Subtotal Personal Services | $198,500$ | E50 | E61 | E79 | E23 | E25 |



2. Contractual services

a. Principal payments

7. TOTAL EXPENDITURES
7. TOTAL EXPENDITURES $\longrightarrow$

## Part VIII - OTHER FUND EXPENDITURES

| a. Advertising and printing |
| :--- |
| b. Professional services |
| c. Maintenance and repairs |
| d. Utilities and telephone |
| e. Rent and leases |
| f. Other insurance and bonds |
| g. Landfill charges |
| h. Other - Specify Z |
| i. Subtotal Contractural |
| Services |

## Expenditure account



Report the total expenditure for salaries and wages from all funds.
Part X - CASH AND INVESTMENTS AT THE END OF THE FISCAL YEAR

## GOVERNMENT FUNDS

Cash and securities
(Do not include employee retirement funds)
(a)

1. Cash and deposits - Cash on hand and demand deposits. CD's, and time or savings deposits
2. Treasury and other governmental obligations
3. Other securities
4. TOTAL GOVERNMENT FUNDS

Remarks

## Part XI - INDEBTEDNE

| 1. Bond issue title | 2. Year of issue |
| :--- | :--- |

3. Bond proceeds intended use
4. Bond type

| $1 \square$ General obligation |  |
| :--- | :--- |
| $2 \square$ Uuility revenue |  |
| $2 \square$ Public property corporation | $4 \square$ Other - Specify $Z$ |

5. Call provisions
$1 \square$ Yes - What intervals?
$2 \square \mathrm{No}$
6. Original issue principal $\$$
7. BOND RATING
a. $S$ and $P$ b. Moody's
8. Source of debt service
9. Fund responsible for debt service

| Debt service <br> requirements <br> (a) | Principal <br> (b) | Interest <br> (c) | Total principal <br> and interest <br> (d) |
| :---: | :---: | :---: | :---: |
| 11.Amount <br> paid in <br> FY 1997-98 |  |  |  |

FUTURE PAYMENTS
12. FY 1998-99

| 13. FY 1999-00 |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |

15. FY 2001-2002
16. FY 2002-03

Cumulative years
17. 2003-2007
18. 2008-2012
19. 2013-2017
20. 2018-2022
21. 2023-2037
22. TOTAL

OUT-
STANDING
(Sum of
lines 12
through 21)

Part XII-NEW PITAL LEASE AGREEMENTS OVER $\$ 50,000$

1. Item leased

Item No. 11
Sheet 14 OF 20

| 2. Date of initial lease | 3. Length of lease - In years |
| :--- | :--- |
| 4. Original lease principal | 5. Average interest rate $\%$ |

6. Fund responsible for lease payments
7. Source of revenue for lease payments
8. Identity of lessor

| Lease payment <br> requirements <br> (a) | Principal <br> (b) | Interest <br> (c) | Total principal <br> and interest <br> (d) |
| :---: | :---: | :---: | :---: |
| 9.Amount <br> paid in <br> FY 1997-98$\quad \therefore$ |  |  |  |

FUTURE PAYMENTS

| 10. FY 1998-99 |  | $\ddots$ |  |
| :--- | :---: | :---: | :---: |
| 11. FY 1999-00 |  | $\ddots$ |  |
| 12. FY 2000-01 |  |  |  |
| 13. FY 2001-2002 |  | $\ddots$ |  |
| 14. FY 2002-03 |  | $\ddots$ |  |
| Cumulative years <br> 15. 2003-2007 |  | $\ddots$ |  |
| 16. 2008-2012 |  | $\ddots$ |  |
| 17. 2013-2017 |  | $\ddots$ |  |
| 18. 2018-2022 |  | $\ddots$ |  |
| 19. 2023-2037 |  | $\ddots$ |  |
| 20. TOTAL <br> OUT- <br> STANDING <br> (Sum of <br> lines 10 <br> through 19) |  | $\ddots$ |  |

Remarks

## GENERAL INSTRUCTIONS

All information should be provided on a cash basis for the fiscal year beginning July 1, 1997 and ending on June 30, 1998.

On the Tax Rate schedule a rate of 22 and 7/10 cents per $\$ 100$ assessed value should be reported . 227.

ROUND TO THE NEAREST DOLLAR. DO NOT SHOW CENTS FOR REVENUES OR EXPENDITURES.

Use the blank columns for special funds, including Capital Projects and Debt Service funds. Label the fund at the top of the column. Make copies of the forms if you have more funds than there are columns on a page. If you have more than one Capital Projects fund you may total those funds into ONE Capital Projects reporting column in the Revenue Section and one column in the Expenditure Section. The same procedure may be used for Debt Service Funds.

DO NOT SEND IN THE REVENUE RATE SCHEDULES IF THEY WERE SENT IN LAST YEAR AND THERE WERE NO CHANGES OR ADDITIONS. Send in any changes or additions to any revenue rate schedules.

Report only new debt or lease agreements. DO NOT COMPLETE THESE SECTIONS AGAIN IF THEY WERE REPORTED LAST YEAR AND THERE WERE NO CHANGES IN THE DEBT OR LEASE AGREEMENTS.

SEND ONE ORIGINAL AND TWO COPIES OF THE COMPLETED FORM to the Department for Local Government BY MAY 1, 1999.

Note: Data supplied by your city in this report will be used by State and Federal Agencies and public interest groups in Kentucky.

## Part I - DATA SUPPLIED BY



Part II - CERTIFICATION - Completed report must be signed prior to filing.
This is to certify that the data contained in this report are accurate to the best of my knowledge and belief.

| Signature of official | Title | Date completed |  |
| :--- | :--- | :--- | :--- |
| Printed name of official |  |  |  |
|  | Area code | 1 | Telephone number |

Remarks




Item No. 11
Part V - CASH AND INVESTMENTS AT THE END OF THE FISCAL YEAR
Cash and securities (Do not include employee retirement funds)
(a)
A. Water

1. Cash and deposits - Cash on hand and demand deposits. CD's, and time or savings deposits
2. Treasury and other governmental obligations

## 3. Other securities

2. Treasury and other governmental obligations
3. Other securities
4. TOTAL FUNDS $\longrightarrow$
D.
5. Cash and deposits - Cash on hand and demand deposits. CD's, and time or savings deposits
6. Treasury and other governmental obligations

## 3. Other securities

4. TOTAL FUNDS $\longrightarrow$
E.
5. Cash and deposits - Cash on hand and demand deposits. CD's, and time or savings deposits
6. Treasury and other Treasury and other
governmental obligations

## 3. Other securities

4. TOTAL FUNDS

## Remarks

## Part VI - PERSONNEL EXPENDITURES

Report the total expenditure for salaries and wages from all funds.


## Part VII - NEW INDEBTEDNESS

1. Bond issue title
2. Year of issue
3. Bond proceeds intended use
4. Bond type

| 1■General obligation | $3 \square$ Uutility revenue |
| :--- | :--- |
| 2ПPublic property corporation | $4 \square$ Other-Specity |

5. Call provisions

1 Yes - What Intervals? 2口No
6. Original issue principal \$
8. BOND RATING

| Debt service <br> requirements <br> (a) | Principal <br> (b) | Interest <br> (c) | Total principal <br> and interest <br> (d) |
| :---: | :---: | :---: | :---: |
| 11. Amount paid <br> in FY 1997-98 | - |  |  |

FUTURE PAYMENTS

| 12. FY 1998-99 |  |  |  |
| :--- | :--- | :--- | :--- |
| 13. FY 1999-00 |  |  |  |
| 14. FY 2000-01 |  |  |  |
| 15. FY 2001-2002 |  |  |  |
| 16. FY 2002-03 |  |  |  |
| Cumulative years |  |  |  |
| 17. 2003-2007 |  |  |  |
| 18. 2008-2012 |  |  |  |
| 19. 2013-2017 |  |  |  |
| 20. 2018-2022 |  |  |  |
| 21. 2023-2037 |  |  |  |
| 22. TOTAL <br> OUT- <br> STANDING <br> (Sum of <br> lines 12 <br> through 21) |  |  |  |

## Part VIII - NEW CAPITAL LEASE AGREEMENTS OVER $\mathbf{\$ 5 0 , 0 0 0}$

1. Item leased

| 2. Date of initial lease | 3. Length of lease - In years |
| :--- | :--- |
| 4. Original lease principal | 5. Average interest rate $\quad \%$ |

6. Fund responsible for lease payments
7. Identity of lessor
8. Amount paid in FY 1997-98

| Lease payment <br> requirements <br> (a) | Principal <br> (b) | Interest <br> (c) | Total principal <br> and interest <br> (d) |
| :---: | :---: | :---: | :---: |
| 9.Amount paid <br> in FY 1997-98 |  |  |  |

FUTURE PAYMENTS

| 10. FY 1998-99 |  |  |  |
| :--- | :--- | :--- | :--- |
| 11. FY 1999-00 |  |  |  |
| 12. FY 2000-01 |  |  |  |
| 13. FY 2001-2002 |  |  |  |
| 14. FY 2002-03 |  |  |  |
| Cumulative years <br> 15. 2003-2007 |  |  |  |
| 16. 2008-2012 |  |  |  |
| 17. 2013-2017 |  |  |  |
| 18. 2018-2022 |  |  |  |
| 19. 2023-2037 |  |  |  |
| 20. TOTAL <br> OUT- <br> STANDING <br> SUum of <br> lines 10 <br> through 19) |  |  |  |

Sheet $\qquad$

## CITY OF CYNTHIANA

## REQUEST:

a. Complete the table below:

| Water <br> Main Size | Total Miles of Line | Miles of Lines Jointly Used By Both <br> Cynthiana \& Harrison County |
| :---: | :---: | :---: |
| $16^{\prime \prime}$ |  |  |
| $14^{\prime \prime}$ |  |  |
| $12^{\prime \prime}$ |  |  |
| $10^{\prime \prime}$ |  |  |
| $8^{\prime \prime}$ |  |  |
| $6^{\prime \prime}$ |  |  |
| $4 "$ |  |  |
| $2^{\prime \prime}$ |  |  |

b. Who paid for the water main(s) that Cynthiana uses to deliver water to Harrison County Water Association ("Harrison County")?
c. Besides Harrison County, what other customers, if any, does Cynthiana serve from the water mains that it uses to deliver water to Harrison County?
d. For each customer listed in response to Item 12(c), provide his or her monthly water usage for each of the previous 24 months?

## RESPONSE:

a.

| Water <br> Main Size | Total Miles of Line | Miles of Lines Jointly Used By Both <br> Cynthiana \& Harrison County |
| :---: | :---: | :---: |
| $16^{\prime \prime}$ | 2.42 | 2.42 |
| $14^{\prime \prime}$ | - | -- |
| $12^{\prime \prime}$ | 1.52 | 1.52 |
| $10^{\prime \prime}$ | 5.63 | 5.63 |
| $8^{\prime \prime}$ | 4.77 | 4.77 |
| $6^{\prime \prime}$ | 7.69 | 7.69 |
| $4^{\prime \prime}$ | 3.62 | -- |
| $2^{\prime \prime}$ | 0.72 | - |

b. Cynthiana paid for the water main(s) used to deliver water to Harrison County.
c. All of Cynthiana's customers are served via the mains that deliver water to Harrison County.
d. Not applicable.

## CITY OF CYNTHIANA

## REQUEST:

a. What is the maximum capacity of Cynthiana's water treatment plant?
b. (1) How much of Cynthiana's total water treatment plant capacity is currently reserved for Harrison County?
(2) What changes, if any, does Cynthiana expect within the next three years in the level of water treatment capacity reserved for Harrison County? Why does Cynthiana expect these changes?

## RESPONSE:

a. $\quad 6.0 \mathrm{mgd}$.
b. (1) The contract between Harrison County and Cynthiana currently places no restrictions on Harrison County's usage, so its capacity is limited by what is "reasonable" and by the needs of Cynthiana's customers.
(2) Not applicable, since there is no express contractual reserve for water treatment capacity.

## CITY OF CYNTHIANA

## REQUEST:

a. Who owns the master meter(s) through which Cynthiana provides water to Harrison County?
b. Through how many master meters does Cynthiana provide water service to Harrison County?
c. Who is responsible for maintaining these master meters?

## RESPONSE:

a. Harrison County owns the master meters through which Cynthiana provides water to Harrison County.
b. Cynthiana provides water service to Harrison County through seven (7) master meters.
c. Harrison County is responsible for maintaining these master meters.

## CITY OF CYNTHIANA

## REQUEST:

Provide a system map showing all Cynthiana facilities that are used to serve Harrison County.

## RESPONSE:

A system map is attached hereto.








## CITY OF CYNTHIANA

## REQUEST:

What portion, if any, of Cynthiana's water main(s) that serve Harrison County is gravity fed:

## RESPONSE:

All of Cynthiana's water mains that serve Harrison County are gravity fed.

## CITY OF CYNTHIANA

## REQUEST:

What is Cynthiana's current rate for water service to Harrison County?

## RESPONSE:

Cynthiana's current rate schedule for water service to Harrison County is:

First 2,000 gallons
Next 8,000 gallons
Next 490,000 gallons
Over 500,000 gallons
$\$ 8.05$ per 1,000 gallons
$\$ 3.05$ per 1,000 gallons
$\$ 1.61$ per 1,000 gallons
$\$ 1.27$ per 1,000 gallons

## CITY OF CYNTHIANA

## REQUEST:

What is Cynthiana's proposed rate for water service to Harrison County?

## RESPONSE:

As set forth in Kenvirons' Cost of Service Study, Cynthiana's proposed rate for water service to Harrison County is $\$ 2.15$ per 1,000 gallons.

## CITY OF CYNTHIANA

## REQUEST:

For each month of the previous 24 months, state Cynthiana's monthly water sales (in gallons) to Harrison County.

## RESPONSE:

Cynthiana's monthly water sales (in gallons) to Harrison County for each month of the previous 24 months is shown on the chart attached hereto.
CITY OF CYNTHIANA
HARRISON COUNTY WATER USAGE AND BILLING INFORMATION

|  | $\mathbf{1 9 9 7}$ | $\mathbf{1 9 9 8}$ | $\mathbf{1 9 9 9}$ |  | $\mathbf{1 9 9 7}$ | $\mathbf{1 9 9 8}$ | $\mathbf{1 9 9 9}$ |
| :--- | :---: | :---: | :---: | :--- | :--- | :--- | :--- |
| Jan. |  | $23,699,400$ | $21,834,400$ |  |  | $30,284.59$ | $27,916.04$ |
| Feb. |  | $23,980,900$ | $26,311,000$ |  |  | $30,642.09$ | $33,601.32$ |
| Mar. |  | $21,300,400$ | $22,147,000$ |  |  | $27,237.86$ | $28,313.04$ |
| Apr. |  | $20,043,800$ | $20,220,600$ |  |  | $25,641.98$ | $25,866.51$ |
| May |  | $23,761,900$ | $25,517,840$ |  |  | $30,363.96$ | $32,594.01$ |
| June |  | $22,155,600$ | $27,441,860$ |  |  | $28,323.96$ | $35,037.51$ |
| July | $24,173,300$ | $24,274,000$ | $31,567,390$ |  | $30,886.44$ | $31,014.33$ | $40,276.94$ |
| Aug. | $26,299,000$ | $24,699,400$ | $30,586,469$ |  | $33,586.08$ | $31,554.59$ | $39,031.17$ |
| Sep. | $26,772,300$ | $27,611,700$ |  |  | $34,187.17$ | $35,253.21$ |  |
| Oct. | $23,689,600$ | $28,971,100$ |  |  | $30,272.14$ | $36,979.65$ |  |
| Nov. | $24,737,400$ | $23,468,700$ |  |  | $31,602.85$ | $29,991.60$ |  |
| Dec. | $22,872,900$ | $22,802,500$ |  |  | $29,234.93$ | $29,145.53$ |  |
| Total | $148,544,500$ | $286,769,400$ | $205,626,559$ | Total | $189,769.61$ | $366,433.35$ | $262,636.54$ |
| Average | $24,757,416.66$ | $23,897,450$ | $25,703,319.87$ | Average | $31,628.26$ | $30,563.11$ | $32,829.56$ |

## CITY OF CYNTHIANA

## REQUEST:

Complete the table below:

| City of Cynthiana | Gallons for Test Period |
| :--- | :--- |
| Plant Use |  |
| Line Loss (Unaccounted for) |  |
| Sales to Retail |  |
| Sales to Harrison County |  |
| Total Produced and Purchased |  |
| Total Sold |  |

## RESPONSE:

| City of Cynthiana | Gallons for Test Period |
| :--- | :---: |
| Plant Use | $11,156.5$ |
| Line Loss (Unaccounted for) | $84,481.0$ |
| Sales to Retail | $317,029.3$ |
| Sales to Harrison County | $295,300.1$ |
| Total Produced and Purchased | $718,332.0$ |
| Total Sold | $622,694.4$ |

## CITY OF CYNTHIANA

## REQUEST:

What types of water service (e.g., service to municipal buildings, fire protection, etc.) are included in the unmetered amount? For each type of service, estimate the percentage of the total unmetered amount.

## RESPONSE:

The types of water service included in the unmetered amount and the percentage estimate of the total unmetered amount is as follows:
Fire Department ..... 0132
Wastewater Treatment Plant .....  1671
Meter Testing ..... 0004
City Buildings ..... 1.2622

## CITY OF CYNTHIANA

## REQUEST:

a. When did Cynthiana begin selling water to Harrison County?
b. Who was responsible for developing the rate for water service that Cynthiana charged Harrison County when it first provided water service?
c. How did Cynthiana determine its initial rate for water service to Harrison County?

## RESPONSE:

a. Cynthiana began selling water to Harrison County pursuant to a contract dated November 15, 1965.
b. The rate for water service that Cynthiana charged Harrison County when it first provided water service was negotiated pursuant to a contract dated November 15, 1965.
c. We believe Cynthiana determined its initial rate for water service to Harrison County through negotiations, and that no cost of service study was performed.

## CITY OF CYNTHIANA

## REQUEST:

a. When did Cynthiana first prepare or commission a cost-of-service study to determine the appropriate rate for its water service to Harrison County?
b. (1) Who prepared this study?
(2) Provide the preparer's curriculum vitae?
(3) List all cases before the Commission in which the preparer has submitted a cost-of-service study.
(4) List all utilities (municipal or public) for which the preparer has prepared a cost-of-service study. For each utility, identify the type of utility service (water or sewer) for which the report was prepared.
c. Provide a copy of this study.

## RESPONSE:

a. Cynthiana first determined to prepare a cost-of-service study to determine the appropriate rate for its water service to Harrison County just prior to the informal conference conducted in this case on September 24, 1999.
b. (1) Mr. Carlos F. Miller, P.E., of Kenvirons, Inc., 452 Versailles Road, Frankfort, KY 40601 prepared this study.
(2) A copy of the curriculum vitae of Mr. Miller is attached hereto.
(3) Mr. Miller has submitted a cost-of-service study in the following cases before the Commission:

Kenton County Water District<br>Campbell County Water District (2)

Witness: Carlos F. Miller, P.E.

Hardin County Water District \#2 (2) Mountain Water District (2)
Green Taylor Water District Muhlenberg County Water District Martin County Water District No. 1 Jackson County Water Association North Nelson Water District
(4) The following is a list of all utilities (municipal or public) for which Mr. Miller has prepared a cost-of-service study, including the type of utility service (water or sewer):

City of Hardinsburg (Water)
Auxier Water Company (Water)
Allen County Water District (Water)
City of Jamestown (Water and Sewer)
City of Campbellsville (Water and Sewer)
c. The Cost-of-Service Study prepared by Mr. Miller is attached hereto.

## CARLOS F. MILLER, P.E.

KENVIRONS

## POSITION

Principal

## EDUCATION

B.S. Civil Engineering - University of Kentucky, 1966
M.S. Civil Engineering - University of Kentucky, 1968

# PROFESSIONAL REGISTRATION 

Professional Engineer - Kentucky

## AFFILIATIONS

American Water Works Association
American Society of Civil Engineers
Kentucky Rural Water Association
Kentucky Ready Mixed Concrete Association

## EXPERIENCE

Thirty-one years of diversified experience in the field of Civil Engineering including both government and private practice.

Affiliated with the Kentucky Public Service Commission (state utility regulatory organization) for six (6) years as Bureau Chief Engineer, Water/Sewer Utilities, responsible for more than 200 water and sewer utilities throughout Kentucky. Those responsibilities included the detailed technical review of consultants' design plans and bid documents for all new construction; inspection during construction; technical consultant for operational problems; financial feasibility studies for rate determinations; preliminary engineering reports for the establishment of new utilities; and all operational and financial aspects of utility operation. This experience instilled a thorough working knowledge of Public Service Commission law and the engineering aspects of water and sewer system operation and provided intimate contact with the technical and financial operations of water and sewer systems in practically every county in the Commonwealth.

Associated for six (6) years with the U.S. Army Map Service involved with all phases of topographic map compilation.

Twenty-five (25) years in the private practice of consulting civil engineering with primary responsibility for the funding acquisition, design and construction supervision of many projects including water treatment and distribution, dams, drainage, hydrologic/hydraulic studies, buildings, parks, land development, cost of water service determinations and rate studies for utility rate adjustments including expert witnessing for hearings.

Extensively involved with water system hydraulic computer modeling for the many utilities serviced by Kenvirons.

Mr. Miller has extensive experience in the determination of rates for water and sewer utilities. He has had a continuous docket of rate cases over the past thirty-one years, primarily under the scrutiny of the Kentucky Public Service Commission. A partial list of cases include:

1. Mountain Water District vs. City of Pikeville involved the determination of the wholesale rate at which the district purchases water from Pikeville. (two cases).
2. Two Campbell County Water District general rate cases for its 16,000 customers and cost of service study for two wholesale utilities.
3. Kenton County Water District rate case which required an extensive rate study to determine individual wholesale rates for nine satellite utilities along with the rates for 34,000 general customers.
4. Numerous rate cases for water districts and associations along with civil cases where state regulatory agencies had no jurisdiction.

## CITY OF CyNTHIANA

# Determination of Wholesale Water Rate <br> FOR <br> Harrison County Water Association 

NOVEMBER, 1999


The purpose of this rate study is to determine the wholesale water purchase rate from the City of Cynthiana (City) to Harrison County Water Association (HCWA).

Cynthiana provides water to HCWA through seven (7) master meters. The master meter locations virtually circumscribe the city. Water is pumped from the treatment facility into the City's pipeline system and tanks. There is no repumping in the City's system. Considering that the location of the HCWA master meters surround the City, it was assumed that the entire city system is used to convey water to the HCWA purchase points. It was further assumed that pipelines smaller than 6 -inch do not transmit significant quantities of water and are only effective in the distribution of water to the City's customers. Therefore, pipelines 6 -inch and larger were assumed to effectively transmit water through the system to the HCWA master meters and consequently are jointly used by the City and HCWA.

A maximum demand analysis was deemed inappropriate and unnecessary because:
(1) There is no maximum demand data. Any analysis would be based on assumed data.
(2) HCWA customers are almost exclusively residential. Residential customers, as a customer class, normally demonstrate the highest peaking factors. Water is transmitted deeply into the county from the City's system consequently much of the county's peak demands are provided through the City's system. Conceivably, under the circumstances, a true maximum demand analysis would benefit the City or cause no significant impact on the rate determination.

The rate study is accomplished through a series of exhibits that are intended to be self explanatory and adequately referenced. Data contained in Appendix "A" was provided by the City. The test year adjustment costs contained in Exhibit 5, Items 1-6 were either provided by the City or determined from data provided by the City.

The resultant rate is $\$ 2.15$ per thousand gallons as shown in Exhibit 7 .

## Exhibit 1

## Water Treatment Plant Data

 (PERIOD: 7/1/98 то 6/30/99)
## Water Produced Backwash Water

July, 1998
August, 1998
September, 1998
October, 1998
November, 1998
December, 1998
January, 1999
February, 1999
March, 1999
April, 1999
May, 1999
June, 1999

61,020 66,675 67,193 56,920
52,558
57,178
56,065
50,220
57,941
55,697
69,822
67,043
718,332
726.5
1022.0
1057.0
770.0
757.0
1054.0
768.0
735.0
685.0
1069.5
1406.5
1106.0

11,156.5

Note: Data extracted from City's Monthly Operating Reports

## Exhibit 2

## Inch-Mile Data

| $\begin{gathered} \text { SIZE } \\ \text { (INCHES) } \end{gathered}$ | LENGTH <br> (MILES) | Total INCH-Miles | HCWA Jointly Used Inch-Miles |
| :---: | :---: | :---: | :---: |
| 1 | 0.72 | 0.72 | -- |
| 4 | 3.62 | 14.48 | -- |
| 6 | 7.69 | 46.14 | 46.14 |
| 8 | 4.77 | 38.16 | 38.16 |
| 10 | 5.63 | 56.30 | 56.30 |
| 12 | 1.52 | 18.24 | 18.24 |
| 16 | 2.42 | 38.72 | 38.72 |
|  | 26.37 | 212.76 | 197.56 |

HCWA Inch-Mile Ratio $=197.56 / 212.76=0.9286$

## Exhibit 3

## City of Cynthiana WATER SYSTEM DATA <br> (PERIOD: 7/1/98 TO 6/30/99)



## Exhibit 4

## Allocation Factors

## Cynthiana Water Production Multiplier $=1=1.1535$ <br> 1-. 1331

Harrison County W.A. Allocation Factors
HCWA Inch-Mile Ratio $=0.9286$ (Exhibit 2)
HCWA Share of Line Loss $=.9286 \times .1176=.1092$
Joint Share of Line Loss plus Plant Use $=.1092+.0155=.1247$
Water Production Multiplier $=\frac{1}{1-.1247}=1.1425$
Water Production Allocation Factor $=\frac{1.1425 \times 295,300.1^{(1)}}{1.1535 \times 622,694.4^{(1)}}=0.4697$
Transmission Factor $=\underline{295,300.1} \times 0.9286=0.4404$ 622,694.4

Usage Factor ${ }^{(2)}=\underline{295,300.1}=0.4742$ 622,684.4
${ }^{(1)}$ Water Sales, See Exhibit 3
${ }^{(2)}$ Ratio of Water Sales

## Exhibit 5

## Specific Expenses and Test Year addustments

1. Meters \& Services
$\$ 17.95$ per hour $\times 41.5$ hours $=\$ 745^{(1)}$
Annual Depreciation:
Meter Testing Equipment: $\$ 10,000 \div 10$ yrs. $=$ $1000^{(1)}$
Meter \& Services: Per City's Depreciation Schedule 245 1245
2. Customer Accounts
\$96,122 (Salaries \& Benefits) $\frac{16,486}{\$ 112,68^{(1)}}$ (Supplies \& Misc.)
Depreciation: $\$ 25,685 \div 5$ yrs. $=\$ 5173^{(1)}$
3. Cost of Drought
$\$ 78,848^{(1)}$
Amortize over three years: Annual Cost: $\$ 26,283$
4. Rate Case Cost

Stites \& Harbison $\quad \$ 15,000$
Kenvirons, Inc. $\quad 8,000$
Estimated Cost $\quad \$ 23,000$
Amortize over three years: Annual Cost $=\$ 7,667$
5. Installation of Back-up Raw Water Pump

Cost: $\$ 143,185^{(2)}$
Annual Depreciation: $\$ 143,185 \div 10$ yrs. $=\$ 14,382$
${ }^{(1)}$ Costs provided by City.
${ }^{(2)}$ Cost based on Engineer's estimate

## EXHIBIT 6

## Summary of Test Period Costs

|  | Water Production | Transmission \& | $\begin{gathered} \text { Meters } \\ \& \end{gathered}$ | CUSTOMER Accounts | Totals |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Operation \& Maintenance | 327,402 ${ }^{(3)}$ | DISTRIBUTION $132,1888^{(3)}$ | SERVICES $745^{(1)}$ | 112,608 ${ }^{(2)}$ | \$572,943 |
| Depreciation | 201,831 ${ }^{(3)}$ | 77,144 ${ }^{(3)}$ | $1245{ }^{(1)}$ | $5,173^{(2)}$ | 285,393 |
| Debt Service | 421,824 ${ }^{(4)}$ | $53,653^{(4)}$ |  |  | 475,477 |
| Debt Service Coverage @ 20\% | 84,365 | 10,731 |  |  | 95,096 |
|  | 1,035,422 | 273,716 | 1990 | 117,781 | 1,428,909 |
| Less: Debt Service |  |  |  |  | 475,477 |
| Debt Service Coverage |  |  |  |  | 95,096 |
| Total Water Operating Expenses per Audit |  |  |  |  | \$858,336 |

${ }^{(1)}$ See Exhibit 5, Item 1
(2) See Exhibit 5, Item 2
${ }^{\text {(3) }}$ Costs for 1999 based on document provided by City and contained in Appendix A
${ }^{(4)}$ Per breakdown of 1992 Bond Issue provided by City:

|  | \% | Proportioned Debt Service |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 3-yr. |
|  |  | 1999 | 2000 | $\underline{2001}$ | Average |
| Water Production: | . 6612 | \$428,655 | 419,861 | 416,957 | 421,824 |
| Trans. \& Dist.: | . 0841 | 54,522 | 53,403 | 53,034 | 53,653 |
| Sewer: | . 2547 | 165,122 | 161,735 | 160,615 | 162,491 |
| Total Debt Service per Audit: | 1.000 | \$648,299 | 634,999 | 630,606 | 637,968 |

## Exhibit 7

## Allocation of Production and Transmission Costs

AND
Determination of Wholesale Rate

## I. Test Period Costs

1.1 Operating \& Maintenance
Water ProductionTransmission \& Distribution
1.2 Debt ServiceTotal Cost
\$327,402132,188
421,82453,653
1.3 Debt Service CoverageWater ProductionTransmission \& Distribution
Allocation
FACTOR
Cost Allocated
TO HCWA
$.4697^{(5)}$ ..... 153,781
$.4404^{(5)}$ ..... 58,216
Water Production
Transmission \& Distribution53,65346974404
198,13123,629
1.4 DepreciationWater ProductionTransmission \& Distribution
TOTAL TEST PERIOD COSTS
II. Test Period Adjustments
2.1 Cost of 1998 Drought Water Production
2.2 Rate Case Expense
2.3 Raw Water Pump Depreciation$\$ 7,667^{(2)}$$1.0^{(2)}$7,667Total Adjustments
$\underline{-}^{\$ 14,382^{(3)}}$
\$48,332\$1,366,70984,365469710,731

$$
\therefore 4404
$$

$$
4,726
$$

$$
201,831
$$

. 4697 ..... 94,800

$$
77,144
$$4404

33,974

$$
\mathbf{\$ 1 , 3 1 8 , 3 7 7}
$$

\$606,883$\$ 26,283^{(1)}$.469712,345

39,626
$\$ 26,283^{(1)} \quad .4697 \quad 12,345$

## APPENDIX A

## Breakdown of Operating and Maintenance Expenses (Provided by City)

City of Cynthiana


## CITY OF CYNTHIANA

## REQUEST:

a. Has Cynthiana subsequently prepared or commissioned a cost-of-service study to determine the appropriate rate for its water service to Harrison County?
b. For each subsequent study:
(1) Who prepared this study?
(2) Provide the preparer's curriculum vitae?
(3) List all cases before the Commission in which the preparer has submitted a cost-of-service study.
(4) List all utilities (municipal or public) for which the preparer has prepared a cost-of-service study. For each utility, identify the type of utility service (water or sewer) for which the report was prepared.
c. Provide a copy of this study.

## RESPONSE:

a.b.c. $\quad$ See Response to Request 23 above.

Witness: Not applicable.

