COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

RESPONSE OF GREEN RIVER VALLEY WATER DISTRICT TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION

Green River Valley submits its Response to Commission Staff's First Request for

Information.

Dated: September 17, 2019

Respectfully submitted,

the

J. David Smith, Jr. david.smith@skofirm.com Gerald E. Wuetcher gerald.wuetcher@skofirm.com Stoll Keenon Ogden PLLC 300 West Vine St. Suite 2100 Lexington, Kentucky 40507-1801 Telephone: (859) 231-3000 Fax: (859) 259-3517

Counsel for Green River Valley Water District

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Green River Valley Water District's electronic filing of this Response is a true and accurate copy of the same document being filed in paper medium; that the electronic filing was transmitted to the Public Service Commission on September 17, 2019; that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding; and that on or before September 19, 2019 this Response in paper medium will be delivered to the Public Service Commission.

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COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

| ELECTRONIC APPLICATION OF GREEN |) |
|-------------------------------------|-----------------------|
| RIVER VALLEY WATER DISTRICT |) |
| PURSUANT TO KRS 278.023 AND 807 KAR |) |
| 5:069 FOR A CERTIFICATE OF PUBLIC |) |
| CONVENIENCE TO EXPAND ITS WATER |) CASE NO. 2019-00287 |
| TREATMENT PLANT AND RELATED |) |
| WATERWORKS IMPROVEMENTS, AN |) |
| ADJUSTMENT OF ITS RATES FOR WATER |) |
| SERVICE; AND AUTHORIZATION TO ISSUE |) |
| CERTAIN SECURITIES |) |

RESPONSE OF

GREEN RIVER VALLEY WATER DISTRICT

ТО

COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION

FILED: September 17, 2019

VERIFICATION

COMMONWEALTH OF KENTUCKY)) SS: COUNTY OF HART)

The undersigned, David Paige, being duly sworn, deposes and states that he is the General Manager of Green River Valley Water District and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Devid Paige General Manager Green River Valley Water District

Subscribed and sworn to before me, a Notary Public in and before said County and State this $\frac{17}{2}$ day of September 2019.

HUIS EXPIRES My Commission Expires: 545043 Notary ID: ____

GREEN RIVER VALLEY WATER DISTRICT

Response to Commission Staff's First Request for Information Case No. 2019-00287

Question No. 1

Responding Witness: David Paige

- Q-1. As 807 KAR 5:069, Section 2(6)(c), provides, the proposed rates, if any, shall produce the total revenue requirements recommended in the engineering reports. Provide a copy of the billing analysis in PDF and Excel spreadsheet format showing revenue at current rates and at proposed rates based on actual and forecasted water usage for the existing system for a 12-month period as contained in the Kentucky Guide 7 Summary Addendum that was provided to the United States Department of Agriculture Rural Development (RD) as referenced in the Preliminary Engineering Report on page 17 (Revised April 2016) as part of the loan application. The copy provided in Excel spreadsheet format should have formulas intact and unprotected, and all rows and columns fully accessible.
- A-1. The billing analysis supporting the rates recommended in the revised preliminary engineering report is found in the Summary Addendum to the Preliminary Engineering at pages 22-25. For a copy of Summary Addendum, see Exhibit 2A to Response to Question 2.

Because of an increase in the loan amount and because the original billing analysis had been rendered stale by the passage of time, Green River Valley Water District commissioned Kentucky Rural Water Association to perform a cost-of-service using the 12-month period ending June 30, 2018. A copy of this study is attached as Exhibit 2B to the Response to Question 2. As part of this study, a billing analysis was performed

Attached as Exihibt 1A to this Response is a billing analysis that shows the revenue the proposed rates will produce. This analysis uses usage information contained in the recent cost-of-service study. An electronic version of this billing analysis in Excel format is embedded in the electronic version of this Response. (The electronic version shows the revenues produced under several different scenarios.)

Because the proposed rates use different usage blocks than those in Green River Valley Water District's current rate schedule, a billing analysis based upon the 12-month period ending June 30, 2018 and using the current rates was not performed. (The current rate schedule has six usage blocks.)

EXHIBIT 1A

GRVWD - Billing Analysis Water Usage for Year 2018

Total Project - \$11,625,000

Rates Proposed for 30:70 Grant Loan, January 2019

RESIDENTIAL WATER USE TABLE

| Wa | ter Use | Number | Total Usage | First | Next | Next | Next |
|-------|---------|--------|-------------|-----------|-----------|----------|----------|
| ((| Gal.) | Bills | (M Gal.) | 2,000 | 8,000 | 20,000 | 30,000 |
| First | 2,000 | 24,340 | 23,585.2 | 23,585.2 | | | |
| Next | 8,000 | 46,598 | 216,059.5 | 93,196.0 | 122,863.5 | | |
| Next | 20,000 | 5,764 | 89,994.6 | 11,528.0 | 46,112.0 | 32,354.6 | |
| Over | 30,000 | 920 | 53,581.8 | 1,840.0 | 7,360.0 | 18,400.0 | 25,981.8 |
| TO | TALS | 77,622 | 383,221.1 | 130,149.2 | 176,335.5 | 50,754.6 | 25,981.8 |

RESIDENTIAL REVENUE TABLE

5/8" x 3/4" METER

| Water Use | | No. Bills | M Gallons | KRWA Proposed | Revenue |
|-----------|----------------|-----------|-----------|-------------------|-------------|
| First | 2,000 gallons | 77,622 | 130,149.2 | \$22.10 Min. Bill | \$1,715,446 |
| Next | 8,000 gallons | | 176,335.5 | 5.95 per M Gal. | 1,049,196 |
| Next | 20,000 gallons | | 50,754.6 | 4.85 per M Gal. | 246,160 |
| Over | 30,000 gallons | | 25,981.8 | 3.85 per M Gal. | 100,030 |
| | | ANNUAL RE | EVENUE | | \$3,110,832 |

COMMERCIAL WATER USE TABLE

5/8" x 3/4" METER

| | | | • | | | | |
|--------|---------|--------|-------------|---------|---------|---------|---------|
| Wa | ter Use | Number | Total Usage | First | Next | Next | Next |
| (Gal.) | | Bills | (M Gal.) | 2,000 | 8,000 | 20,000 | 30,000 |
| First | 2,000 | 1,325 | 646.8 | 646.8 | | | |
| Next | 8,000 | 684 | 3,543.1 | 1,368.0 | 2,175.1 | | |
| Next | 20,000 | 209 | 3,569.8 | 418.0 | 1,672.0 | 1,479.8 | |
| Over | 30,000 | 72 | 5,526.6 | 144.0 | 576.0 | 1,440.0 | 3,366.6 |
| TO | TALS | 2,290 | 13,286.3 | 2,576.8 | 4,423.1 | 2,919.8 | 3,366.6 |

COMMERCIAL REVENUE TABLE

5/8" x 3/4" METER

| | Water Use | No. Bills | M Gallons | KRWA Proposed | Revenue | | | |
|-------|----------------|-----------|-----------|-------------------|----------|--|--|--|
| First | 2,000 gallons | 2,290 | 2,576.8 | \$22.10 Min. Bill | \$50,609 | | | |
| Next | 8,000 gallons | | 4,423.1 | \$5.95 per M Gal. | 26,317 | | | |
| Next | 20,000 gallons | | 2,919.8 | \$4.85 per M Gal. | 14,161 | | | |
| Over | 30,000 gallons | | 3,366.6 | \$3.85 per M Gal. | 12,961 | | | |
| | ANNUAL REVENUE | | | | | | | |

5/8" x 3/4" METER

GRVWD - Billing Analysis

Water Usage for Year 2018

Rates Proposed for 30:70 Grant Loan, January 2019

RESIDENTIAL WATER USE TABLE

| Wa | ter Use | Number | Total Usage | First | Next | Next | Next |
|-------|---------|--------|-------------|---------|---------|---------|---------|
| (| Gal.) | Bills | (M Gal.) | 5,000 | 5,000 | 20,000 | 30,000 |
| First | 5,000 | 363 | 871.8 | 871.8 | | | |
| Next | 5,000 | 182 | 1,350.3 | 910.0 | 440.3 | | |
| Next | 20,000 | 173 | 3,276.1 | 865.0 | 865.0 | 1,546.1 | |
| Over | 30,000 | 97 | 10,819.3 | 485.0 | 485.0 | 1,940.0 | 7,909.3 |
| TC | DTALS | 815 | 16,317.5 | 3,131.8 | 1,790.3 | 3,486.1 | 7,909.3 |

RESIDENTIAL REVENUE TABLE

| | Water Use | No. Bills | M Gallons | KRWA Proposed | Revenue |
|-------|----------------|-----------|-----------|-------------------|-----------|
| First | 5,000 gallons | 815 | 3,131.8 | \$39.95 Min. Bill | \$32,559 |
| Next | 5,000 gallons | | 1,790.3 | 5.95 per M Ga | l. 10,652 |
| Next | 20,000 gallons | | 3,486.1 | 4.85 per M Ga | I. 16,908 |
| Over | 30,000 gallons | | 7,909.3 | 3.85 per M Ga | l. 30,451 |
| | \$90,570 | | | | |

COMMERCIAL WATER USE TABLE

COMMERCIAL REVENUE TABLE

| Wa | ter Use | Number | Total Usage | First | Next | Next | Next |
|-------|---------|--------|-------------|---------|---------|---------|----------|
| ((| Gal.) | Bills | (M Gal.) | 5,000 | 5,000 | 20,000 | 30,000 |
| First | 5,000 | 241 | 398.6 | 398.6 | | | |
| Next | 5,000 | 48 | 359.4 | 240.0 | 119.4 | | |
| Next | 20,000 | 69 | 1,281.6 | 345.0 | 345.0 | 591.6 | |
| Over | 30,000 | 128 | 14,522.1 | 640.0 | 640.0 | 2,560.0 | 10,682.1 |
| TO | TALS | 486 | 16,561.7 | 1,623.6 | 1,104.4 | 3,151.6 | 10,682.1 |
| | | | | 10501 7 | | | |

16561.7

1" MFTFR

| 0000 | | | | | | | | |
|-------|----------------|-----------|-----------|-------------------|----------|--|--|--|
| | Water Use | No. Bills | M Gallons | KRWA Proposed | Revenue | | | |
| First | 5,000 gallons | 486 | 1,623.6 | \$39.95 Min. Bill | \$19,416 | | | |
| Next | 5,000 gallons | | 1,104.4 | \$5.95 per M Gal. | 6,571 | | | |
| Next | 20,000 gallons | | 3,151.6 | \$4.85 per M Gal. | 15,285 | | | |
| Over | 30,000 gallons | | 10,682.1 | \$3.85 per M Gal. | 41,126 | | | |
| | ANNUAL REVENUE | | | | | | | |

1" METER

1" METER

1" METER

Total Project - \$11,625,000

GRVWD - Billing Analysis

Water Usage for Year 2018

Rates Proposed for 30:70 Grant Loan, January 2019

RESIDENTIAL WATER USE TABLE

| Wa | ter Use | Number | Total Usage | First | Next | Next | Next |
|--------|---------|--------|-------------|--------|--------|--------|------|
| (Gal.) | | Bills | (M Gal.) | 15,000 | 15,000 | 30,000 | 0 |
| First | 15,000 | 7 | 13.5 | 13.5 | | | |
| Next | 15,000 | 4 | 96.0 | 60.0 | 36.0 | | |
| Over | 30,000 | 20 | 1,215.9 | 300.0 | 300.0 | 615.9 | |
| | | | | | | | |
| TO | TALS | 31 | 1,325.4 | 373.5 | 336.0 | 615.9 | 0.0 |

RESIDENTIAL REVENUE TABLE

| RESID | RESIDENTIAL REVENUE TABLE | | | | | | | | |
|-----------|---------------------------|-----------|-----------|-------------------|---------|--|--|--|--|
| Water Use | | No. Bills | M Gallons | KRWA Proposed | Revenue | | | | |
| First | 15,000 gallons | 31 | 373.5 | \$93.95 Min. Bill | \$2,912 | | | | |
| Next | 15,000 gallons | | 336.0 | 4.85 per M Gal. | 1,630 | | | | |
| Over | 30,000 gallons | | 615.9 | 3.85 per M Gal. | 2,371 | | | | |
| | | | | | 0 | | | | |
| | ANNUAL REVENUE | | | | | | | | |

COMMERCIAL WATER USE TABLE

| Wat | ter Use | Number | Total Usage | First | Next | Next | Next |
|-------|---------|--------|-------------|---------|---------|----------|------|
| ((| Gal.) | Bills | (M Gal.) | 15,000 | 15,000 | 30,000 | 0 |
| First | 15,000 | 99 | 443.2 | 443.2 | | | |
| Next | 15,000 | 41 | 965.4 | 615.0 | 350.4 | | |
| Over | 30,000 | 165 | 22,671.4 | 2,475.0 | 2,475.0 | 17,721.4 | |
| | | | | | | | |
| TO | TALS | 305 | 24,080.0 | 3,533.2 | 2,825.4 | 17,721.4 | 0.0 |

COMMERCIAL REVENUE TABLE

| | Water Use | No. Bills | M Gallons | KRWA Proposed | Revenue | |
|---------------------|----------------|-----------|-----------|-------------------|----------|--|
| First | 15,000 gallons | 305 | 3,533.2 | \$93.95 Min. Bill | \$28,655 | |
| Next | 15,000 gallons | | 2,825.4 | \$4.85 per M Gal. | 13,703 | |
| Over | 30,000 gallons | | 17,721.4 | \$3.85 per M Gal. | 68,227 | |
| | | | | | | |
| ANNUAL REVENUE \$11 | | | | | | |

2" METER

2" METER

Total Project - \$11,625,000

2" METER

GRVWD - Billing Analysis Water Usage for Year 2018 Rates Proposed for 30:70 Grant Loan, January 2019

Total Project - \$11,625,000

| Water Utility | Water Use | KRWA | Revenue |
|--|-----------|-------------|-------------|
| | (M Gal.) | (\$/M Gal.) | |
| City of Horse Cave | 270,470 | \$2.59 | \$700,516 |
| Caveland Environmental Authority-Cave City | 119,374 | 2.59 | 309,178 |
| City of Munfordville | 99,481 | 2.59 | 257,657 |
| Larue County Water District | 92,237 | 2.59 | 238,894 |
| City of Bonnieville | 17,134 | 2.59 | \$44,377 |
| Green-Taylor Water District | 60,419 | 2.59 | 156,486 |
| CEA-Mammoth Cave | 11,643 | 2.59 | 30,155 |
| ANNUAL REVENUE | 670,757.9 | | \$1,737,263 |

WHOLESALE CUSTOMERS REVENUE TABLE

Billing Analysis Summary

| Customer Type | Bills | M Gallons | Sales |
|---------------------|----------|--------------|-------------|
| Retail, Residential | 93,970.5 | 400,864.0 | \$3,208,315 |
| Retail, Commercial | 3,081 | 53,928.0 | \$297,032 |
| Wholesale | 84 | 84 670,757.9 | |
| | | | |
| Totals | 3,165 | 724,685.9 | \$5,242,611 |
| | | | |

Revenue From Existing Rates\$4,234,812

Additional Revenue \$1,007,799

GREEN RIVER VALLEY WATER DISTRICT

Response to Commission Staff's First Request for Information Case No. 2019-00287

Question No. 2

Responding Witness: David Paige

Q-2. Provide a copy of the Kentucky Guide 7 Summary Addendum that Green River Valley District provided to RD as part of the loan application.

A-2. A copy of the Addendum is attached as Exhibit 2A. Because of an increase in the loan amount and because the original study had been rendered stale by the passage of time, Green River Valley Water District commissioned Kentucky Rural Water Association to perform a cost-of-service using the 12-month period ending June 30, 2018. A copy of this study is attached as Exhibit 2B. This study was submitted to Rural Development in early 2019.

EXHIBIT 2A

KENTUCKY GUIDE 7 May 1998

SUMMARY ADDENDUM

То

PRELIMINARY ENGINEERING REPORT

DATED June 8, 2016 (Revised June 17, 2016)

FOR

Green River Valley Water District Water Treatment Plant Expansion (NAME OF PROJECT)



APPLICANT CONTACT PERSON _____ David Paige, Manager

APPLICANT PHONE NUMBER (270) 773-2135

APPLICANT TAX IDENTIFICATION NUMBER (TIN) 61 - 605759

ITEMS IN BOLD ITALIC PRINT ARE APPLICABLE TO SEWER SYSTEMS.

In order to avoid unnecessary delays in application processing, the applicant and its consulting engineer should prepare a summary of the preliminary report in accordance with this Guide.

Please complete the applicable sections of the Summary Addendum. *Please note, if water and sewer revenue will <u>both</u> be taken as security for the loan, all user information and characteristics of <u>both</u> utility systems will be needed even though the project will benefit only <u>one</u> utility.*

Feasibility reviews and <u>grant determinations</u> may be processed more accurately and more rapidly if the Summary/Addendum is submitted simultaneously with the preliminary engineering report, or as soon thereafter as possible.

I. <u>GENERAL</u>

A. Proposed Project: Provide a brief description of the proposed project. In addition to this summary, the applicant/engineer should submit a project map of the service area.

The proposed project will consist of improvements to the existing raw water intake on Green River, a secondary raw water pump station, new Chlorine Building and feed equipment, two (2) new twostaged flocculation basins and two (2) sedimentation basins, two (2) new filters, and a new 1,200,000 gallon clearwell. There will also be yard piping improvements, as well as refurbishing the existing laboratory and operator area.

The proposed project also includes the addition of Variable Frequency Drives (VFD) and controls to the existing raw water and high service pumps. The new VFDs will allow the pumps to be efficiently paced to meet the Water Treatment Plant (WTP) demand and minimize the amount of power consumed.

Data contained herein was obtained from the District's Financial Statement, July 1, 2014 to June 30, 2015.

II. FACILITY CHARACTERISTICS OF EXISTING SEWER SYSTEM – N/A

A. Sewage Treatment:

- 1. Type _____
- 2. Method of Sludge Disposal _____
- 3. Cost per 1,000 gallons is sewage treatment is contracted:
- \$_____
- 4. Date Constructed

B. Treatment Capacity of Sewage Treatment Plant

- C. Type of Sewage Collector System (Describe)
- D. Number and Capacity of Sewage Lift Stations

E. Sewage Collection System:

| Lineal Feet of Collection | on Lines, by size 6" | 8" | |
|---------------------------|----------------------|----------|--|
| 10" | 12" | , Larger | |
| Date(s) Constructed | | | |

F. Conditions of Existing System: Briefly describe the conditions and suitability for continued use of facility now owned by the applicant. Include any major renovation that will be needed within five to ten years.

III. FACILITY CHARACTERISTICS OF EXISTING WATER SYSTEM

A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

Green River Valley Water District owns and operates a water treatment plant and potable water distribution system in Hart, Barren, Green, Larue, and Metcalfe Counties, Kentucky. The capacity of the WTP is currently 6.0 MGD and was previously improved and expanded in 1979, 1995, 2003, and 2009. In July 2014, which was the month that exhibited the highest demand, the average daily demand was 4.3 MGD, or roughly 72% of the design capacity. GRVWD currently maintains approximately 760 miles of water lines ranging in size from 2" through 20", 13 storage tanks with a total combined storage volume of 3,457,000 gallons, and 17 booster pump stations.

The existing WTP implements a conventional treatment process and raw water is obtained from two independent sources. The first raw water intake is a concrete tower type located on Green River. The second is a gravity feed intake located at Rio Verde Spring. Green River can easily provide all the raw water needed by the Water District, but the quality is less pristine than that provided by Rio Verde Spring. The spring is a limited supply of raw water that can sustain a flow of roughly 3.5 MGD during dry periods.

If the applicant purchases water: Seller(s);

| N/A | |
|-----|------|
| | |
| | |
| | |
| | |

Price/1,000 gallons:

| N/A | | |
|-----|--|--|
| | | |
| | | |
| | | |

Present Estimated Market Value of Existing System: \$ \$26,538,226 *

(* Value of Total Assets is reported above. Total Net Position is \$13,349,639)

B. Water Storage:

| Type: | Ground Storage Tank | | 0 | Elevat | ed Tank | 0 | |
|----------------------------------|-------------------------------|----|--|--------|---------|---|--|
| | Standpipe | 13 | | Other | | | |
| Numbe | Number of Storage Structures | | 13 | | | | |
| Total S | Total Storage Volume Capacity | | 3,457,000 gallons | | | | |
| Date Storage Tank(s) Constructed | | | 1976, 1977, 1983, 1985, 1988, 2005, 2007, & 2010 | | | | |

C. Water Distribution System:

| Linear Feet of Pipe: | 2" | Diameter | 76,56 | 50 | 3" | 1,483,680 |
|----------------------|--------|------------|-------|----------------------|---------|--------------------|
| | 4" | 1,038,523 | 3 | | 6" | 714,173 |
| | 8" | 199,056 | | | 10" | 147,312 |
| | 12" | 125,136 | | 16" | 102,062 | |
| | 20" | 5,280 | | | | |
| Date(s) Water Lines | Cons | | (| 977, 1983, & 2010 | 1985, | 1988, 2005, |
| Number and Capacit | y of I | Pump Stati | on(s) | 17 booste | r pum | p stations ranging |
| from 18 to 1,600 gpn | n. | | | | | |

D. Condition of Existing Water System:

Briefly describe the condition and suitability for continued use of facility now owned by the applicant. Include any major renovation that will be needed within five to ten years.

The existing water distribution system is aging and considered to be in moderate condition. New distribution lines will need to be installed within ten years. The existing water treatment plant is designed to produce 6.0 million gallons per day (MGD), and is operating at near maximum capacity during high use period. The improvements proposed herein will expand the plant's capacity to 8.0 MGD, with minimal work needed in the future to increase the capacity to 10.0 MGD.

E. Percentage of Water Loss Existing System 11.8 %

IV. EXISTING LONG-TERM INDEBTEDNESS

| Date of Issue | Bond/Note <u>Holder</u> | Principal Balance | Payment Date | Bond Water/S | - 1 | Amount on Deposit in Reserve Account |
|--------------------|----------------------------|----------------------|-----------------|-----------------|-------|---|
| 19 <u>96</u> Issue | USDA-RD | \$ 758,000 | Apr/Oct 1 | 100 | % | % |
| 19 <u>96</u> Issue | USDA-RD | \$ 468,000 | Apr/Oct 1 | 100 | % | % |
| 1996 Issue | USDA-RD | \$ 185,000 | Apr/Oct 1 | 100 | % | % |
| 2004 Issue | USDA-RD | \$ 4,438,000 | Apr/Oct 1 | 100 | % | % |
| 2010 Issue | USDA-RD | \$ 2,986,500 | Apr/Oct 1 | 100 | % | % |
| 2013 Issue | KRWFC | \$ 2,875,000 | Jan/Jul 1 | 100 | % | % |
| 2014 Issue | KIA | \$ 1,175,000 | Jun/Dec 1 | 100 | % | % |
| | - | | Total | Reserve A | mount | \$517,200 |

A. List of Bonds and Notes:

*If a combined issue, show attributable portion to each system.

B. Principal and Interest Payments: (Begin with Next Fiscal Year Payment)

| | | Payment Year 2015 | | Paymo Yea 2010 | r | Payment Year 2017 | |
|--------------------|----------------------------|-------------------------|---------------------|----------------------|---------------------|-------------------------|---------------------|
| Date of Issue | Bond/Note <u>Holder</u> | Principal Payment | Interest Payment | Principal Payment | Interest Payment | Principal Payment | Interest Payment |
| 19 <u>96</u> Issue | USDA | \$23,000 | \$34,110 | \$24,000 | \$33,030 | \$25,000 | \$31,905 |
| 19 <u>96</u> Issue | USDA | 14,500 | 21,083 | 15,000 | 20,408 | 15,500 | 19,710 |
| 19 <u>96</u> Issue | USDA | 5,500 | 8,303 | 5,500 | 8,055 | 5,500 | 7,808 |
| 2004 Issue | USDA | 74,000 | 199,710 | 77,000 | 196,245 | 81,000 | 192,600 |
| 2010 Issue | USDA | 55,500 | 68,237 | 57,000 | 66,983 | 58,000 | 65,696 |
| 2013 Issue | KRWFC | 435,000 | 118,913 | 390,000 | 104,558 | 370,000 | 87,788 |
| 2014 Issue | KIA | 0 | 17,725 | 27,282 | 4,406 | 54,871 | 8,505 |
| Totals | | 607,500 | 468,081 | 595,782 | 433,685 | 609,871 | 414,012 |
| Total P&I | | \$1,07 | 5,581 | \$1,02 | 9,467 | \$1,02 | 23,883 |

V. EXISTING SHORT-TERM INDEBTEDNESS - N/A

A. List of All Short Term Debts: (Do Not Show Any Debt Listed in Paragraph IV Above)

| Lender or Lesser | Date of Issue (Month & Year) | Principal Balance | Purpose (Water and/ or Sewer) | Payment Date | Principal & Interest Payment (P&I) | Date to Be Paid In <u>Full</u> |
|---------------------|---------------------------------|----------------------|-------------------------------------|-----------------|--|--------------------------------------|
| | | | - <u></u> | | <u>-</u> | |
| | | | | | | |
| | | | | | · | |
| | | | | | | |
| | | | | | | |

VI. LAND AND RIGHTS - EXISTING SYSTEM(S)

| Number of Treatment Plant Sites: | Water | 1 | Sewer | N/A |
|----------------------------------|-------|------------|-------|-----|
| Number of Storage Tank Sites: | Water | 13 | Sewer | " |
| Number of Pump Stations: | Water | 17 | Sewer | " |
| Total Acreage: | Water | 120 | Sewer | " |
| Purchase Price: | Water | \$ 376,348 | Sewer | " |

VII. NUMBER OF EXISTING USERS

| | Water | Sewer |
|--|-------|-------|
| Residential (In Town)* | | N/A |
| Residential (Out of Town)* | 6,575 | " |
| Non-Residential (In Town) | | ** |
| Non-Residential (Out of Town) | 273 | |
| Total | 6,848 | ** |
| Number to Total Potential Users Living in the Service Area | | " |

*Note: <u>Residential Users</u>: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence.

2014042\Summary Addendum

VIII. <u>CURRENT WATER AND SEWER CONNECTION FEES FOR EACH SIZE WATER</u> <u>METER CONNECTION</u>

| Meter Size | Water Connection Fee | Sewer Connection Fee |
|---------------|----------------------|----------------------|
| 5/8" x 3/4" | \$ 750.00 | \$ N/A |
| Larger Meters | Actual Cost | \$ |

IX. <u>SEWER RATES - EXISTING SYSTEM</u> – N/A

| Percentage of Water Bill | % | Minimum Charge | \$ |
|-----------------------------|-------------|----------------|----|
| Other: (If Charge Not Based | on Water Bi | :11) | |

Date This Rate Went Into Effect

X. WATER RATES - EXISTING SYSTEM

Existing Rate Schedule:

Meter Size: <u>5/8" x 3/4"</u>

| First | 2,000 | Gallons @ | \$ 17.21 | Minimum bill. |
|----------|------------------|--------------|--------------|--------------------|
| Next | 8,000 | Gallons @ | \$ 4.71 | per 1,000 Gallons. |
| Next | 10,000 | Gallons @ | \$ 3.93 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.39 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.06 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 2.96 | per 1,000 Gallons. |
| Date Thi | s Rate Went Into | Effect Nover | nber 5, 2010 | |

Meter Size: <u>1"</u>

| First | 5,000 | Gallons @ | \$ 31.34 | Minimum bill. |
|-----------|------------------|--------------|--------------|--------------------|
| Next | 5,000 | Gallons @ | \$ 4.71 | per 1,000 Gallons. |
| Next | 10,000 | Gallons @ | \$ 3.93 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.39 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.06 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 2.96 | per 1,000 Gallons. |
| Date This | s Rate Went Into | Effect Nover | nber 5, 2010 | |

Meter Size: <u>1.5</u>"

| First | 10,000 | Gallons @ | \$ 54.89 | Minimum bill. |
|----------|------------------|--------------|--------------|--------------------|
| Next | 10,000 | Gallons @ | \$ 3.93 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.39 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.06 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 2.96 | per 1,000 Gallons. |
| Date Thi | s Rate Went Into | Effect Nover | nber 5, 2010 | |

Meter Size: <u>2</u>"

| First | 16,000 | Gallons @ | \$ 78.47 | Minimum bill. |
|----------|------------------|--------------|--------------|--------------------|
| Next | 4,000 | Gallons @ | \$ 3.93 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.39 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.06 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 2.96 | per 1,000 Gallons. |
| Date Thi | s Rate Went Into | Effect Nover | nber 5, 2010 | |

Wholesale Rate.....\$2.14 per 1,000 Gallons.

| 1 | For Perio | od_ | N | N/A | to | | N/A | <u>.</u> | |
|--------------|-----------|------|-----------|-------|----------------|-----------------|-----------------|-----------------|------------------|
| All | | | | | | | | | |
| Meter | | | | | | | | | |
| <u>Sizes</u> | Mon | thly | Sewer Usa | ge | <u>Average</u> | Resid | lential | Non-Res | idential |
| | | | | | | No. of Users | Usage (1000) | No. of Users | Usage (1000) |
| | 0 | - | 2,000 | Gal. | 1,000 | | (1000) | | (|
| | 2,000 | - | 3,000 | Gal. | 2,500 | | | 1 | |
| | 3,000 | - | 4,000 | Gal. | 3,500 | | | | |
| | 4,000 | - | 5,000 | Gal. | 4,500 | | | | |
| | 5,000 | - | 6,000 | Gal. | 5,500 | | | | |
| | 6,000 | - | 7,000 | Gal. | 6,500 | | | | |
| | 7,000 | - | 8,000 | Gal. | 7,500 | | | | |
| | 8,000 | - | 9,000 | Gal. | 8,500 | | | | |
| | 9,000 | - | 10,000 | Gal. | 9,500 | | | | |
| | 10,000 | - | 11,000 | Gal. | 10,500 | | | | |
| | 11,000 | - | 12,000 | Gal. | 11,500 | | | | |
| | 12,000 | - | 13,000 | Gal. | 12,500 | | | | |
| | 13,000 | - | 14,000 | Gal. | 13,500 | | | | |
| | 14,000 | - | 15,000 | Gal. | 14,500 | | | | |
| | 15,000 | - | 16,000 | Gal. | 15,500 | | | | |
| | 16,000 | - | 17,000 | Gal. | 16,500 | | | | |
| | 17,000 | - | 18,000 | Gal. | 17,500 | | | | |
| | 18,000 | - | 19,000 | Gal. | 18,500 | | | | |
| | 19,000 | - | 20,000 | Gal. | 19,500 | | | | |
| | | - | | Gal. | | | | | |
| | | - | | Gal. | | | | | |
| | | - 1 | | Gal. | | | | | |
| | | 8 | | | Total | () | () | () | $\left(\right)$ |
| | | | | Avera | ge Usage | | () | 18 | $\left(\right)$ |

XI. ANALYSIS OF ACTUAL SEWER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD

XII. <u>ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD</u> For Period July 1, 2014 to June 30, 2015

All Meter Sizes

| Monthly Water Usage | | | Average Residential | | | Non-Residential | | |
|---------------------|------|---------|---------------------|-------------------------|-----------------|------------------------------|-----------------|------------------------------|
| Usage | e Bi | racket | Unit | Per Usage Bracket | No. of Users | Annual Usage (1,000)'s | No. of Users | Annual Usage (1,000)'s |
| 0 | - | 2,000 | Gallons | 877 | 1,945 | 21,133.5 | 140 | 814.8 |
| 2,000 | - | 10,000 | Gallons | 4,659 | 4,096 | 228,731.0 | 66 | 3,981.2 |
| 10,000 | - | 20,000 | Gallons | 12,241 | 398 | 58,033.7 | 23 | 3,806.9 |
| 20,000 | - | 50,000 | Gallons | 29,725 | 112 | 37,196.3 | 22 | 10,602.0 |
| 50,000 | - | 100,000 | Gallons | 76,665 | 16 | 18,522.9 | 13 | 8,156.4 |
| 100,000 | - | Over | Gallons | 298,526 | 8 | 17,281.3 | 9 | 43,618.1 |
| | | | | Subtotal | 6,575 | 380,898.7 | 273 | 70,979.4 |

XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM - N/A

A. Sewage Treatment:

| 1. | Туре | | |
|-------------------------|--|---------------------|------------|
| 2. | Method of Sludge Disposal | | |
| 3. | Cost per 1,000 gallons if sew | age treatment is co | ontracted: |
| B. Treat | ment Capacity of Sewage Tree | atment Plant | |
| C. Type | of Sewage Collector System (1 | Describe) | |
| E. Sewa | ber and Capacity of Sewage L ge Collection System: | | |
| Lin 10' | eal Feet of Collector Lines, by , 12", | | Larger |
| Numbe Numbe Numbe | ND RIGHTS - PROPOSED S er of Treatment Plant Sites er of Pump Sites er of Other Sites creage | | - N/A |
| Purcha | se Price | \$ | |

XIV.

XV. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM

A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

Green River Valley Water District owns and operates a water treatment plant and potable water distribution system in Hart County, Kentucky. The capacity of the WTP is currently 6.0 MGD and was previously improved and expanded in 1979, 1995, 2003, and 2009. In July 2014, which was the month that exhibited the highest demand, the average daily demand was 4.3 MGD, or roughly 72% of the design capacity. GRVWD currently maintains approximately 760 miles of water lines ranging in size from 2" through 20", 13 storage tanks with a total combined storage volume of 3,457,000 gallons, and 17 booster pump stations.

The existing WTP implements a conventional treatment process and raw water is obtained from two independent sources. The first raw water intake is a concrete tower type located on Green River. The second is a gravity feed intake located at Rio Verde Spring. Green River can easily provide all the raw water needed by the Water District, but the quality is less pristine than that provided by Rio Verde Spring. The spring is a limited supply of raw water that can sustain a flow of roughly 3.5 MGD during dry periods.

Extensions into unserved areas and new customer additions are not included in this project.

B. Water Storage:

| Type: Ground Storage Tank Con | ncrete Clearwell | Elevated Tank |
|-------------------------------|-------------------|---------------|
| Standpipe | | Other |
| Number of Storage Structures | 1 Proposed Clea | arwell |
| Total Storage Volume Capacity | 1,200,000 gallons | |

C. Water Distribution System:

| Pipe Material Ductile In | | | |
|--------------------------|-----------------------|----------------|--------------------|
| Lineal Feet of Pipe: 2" | Diameter | 3" | |
| 4" | | 6" | |
| 8" | 100 | 10" | 100 |
| 12" | M | 16" | 500 |
| 20" | | 24" | 800 |
| Number and Capacity of | Pump Station(s) M | odify the exis | sting high service |
| pump stations for a comb | ined capacity of 14.0 | mgd | |

XVI. LAND AND RIGHTS - PROPOSED WATER SYSTEM

| Number of Treatment Plant Sites | 1 | |
|---------------------------------|---------|-----------------------------|
| Number of Storage Tank Sites | 0 | |
| Number of Pump Stations | 1 | |
| Total Acreage | 0 | (No additional land needed) |
| Purchase Price | \$ 0.00 | |

XVII. NUMBER OF NEW SEWER USERS – N/A

| Residential (In Town)* | |
|--|--|
| Residential (Out of Town)* | |
| Non-Residential (In Town) | |
| Non-Residential (Out of Town) | |
| Total | |
| Number to Total Potential Users Living in the Service Area | |

*Note: <u>Residential Users</u>: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residences.

XVIII. <u>PROPOSED SEWER CONNECTION FEES FOR EACH SIZE WATER METER</u> <u>CONNECTION</u> – N/A

| Meter Size | Connection Fee |
|-------------|-----------------------|
| 5/8" x 3/4" | \$ |
| 1-Inch | \$ |
| 1-1/2 Inch | \$ |
| 2-Inch | \$ |
| 3-Inch | \$ |
| 4-Inch | \$ |
| 5-Inch | \$ |
| 6-Inch | \$ |
| | |

XIX. NUMBER OF NEW WATER USERS

| Residential (In Town)* | 0 |
|--|---|
| Residential (Out of Town)* | 0 |
| Non-Residential (In Town) | 0 |
| Non-Residential (Out of Town) | 0 |
| Total | 0 |
| Number to Total Potential Users Living in the Service Area | 0 |

*Note: <u>Residential Users</u>: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residences.

XX. <u>PROPOSED WATER CONNECTION FEES FOR EACH SIZE WATER METER</u> <u>CONNECTION</u>

| Meter Size | Connection Fee | | | |
|---------------|----------------|--|--|--|
| 5/8" x 3/4" | \$ 750.00 | | | |
| Larger Meters | \$ Actual Cost | | | |
| | | | | |

XXI. <u>SEWER RATES – PROPOSED</u> – N/A

A. Proposed Rate Schedule without RUS Grant:

 Percentage of Water Bill
 % Minimum Charge
 N/A

 Other: (If Charge Not Based on Water Bill)

Proposed Rate Schedule: (Without RUS Grant)

| First | Gallons @ \$ | Minim | um. |
|----------|--------------|---------|-------------|
| Next | Gallons @ \$ | per 1,0 | 00 Gallons. |
| Next | Gallons @ \$ | per 1,0 | 00 Gallons. |
| Next | Gallons @ \$ | per 1,0 | 00 Gallons. |
| Next | Gallons @ \$ | per 1,0 | 00 Gallons. |
| Next | Gallons @ \$ | per 1,0 | 00 Gallons. |
| All Over | Gallons @ \$ | per 1,0 | 00 Gallons. |

The above proposed rate, without RUS grant, must be completed for each grant. If the applicant/engineer desires, there is no objection to recommending a proposed rate with an estimated RUS grant in the Table below. However, the preparer should remember that the Table (A) above must be completed prior to Table (B).

B. Recommended Rate Schedule with RUS Grant:

| Percentage of Water Bill | % Minimum Charge | \$ N/A |
|----------------------------------|------------------|-----------|
| Other: (If Charge Not Based on W | ater Bill) | |

Proposed Rate Schedule: (With RUS Grant)

| First | Gallons @ \$ | Minimum. |
|----------|--------------|--------------------|
| Next | Gallons @ \$ | per 1,000 Gallons. |
| Next | Gallons @ \$ | per 1,000 Gallons. |
| Next | Gallons @ \$ | per 1,000 Gallons. |
| Next | Gallons @ \$ | per 1,000 Gallons. |
| Next | Gallons @ \$ | per 1,000 Gallons. |
| All Over | Gallons @ \$ | per 1,000 Gallons. |

If more than one rate, use additional sheets.

XXII. WATER RATES - PROPOSED

A. Proposed Rate Schedule Without RUS Grant: (8.5% Increase)

| Meter Size: | <u>5/8" x 3/4"</u> | | | |
|-------------|--------------------|-----------|----------|--------------------|
| First | 2,000 | Gallons @ | \$ 18.68 | Minimum bill. |
| Next | 8,000 | Gallons @ | \$ 5.11 | per 1,000 Gallons. |
| Next | 10,000 | Gallons @ | \$ 4.27 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.68 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.32 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.21 | per 1,000 Gallons. |
| Meter Size: | " | | | |
| First | 5,000 | Gallons @ | \$ 34.01 | Minimum bill. |
| Next | 5,000 | Gallons @ | \$ 5.11 | per 1,000 Gallons. |
| Next | 10,000 | Gallons @ | \$ 4.27 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.68 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.32 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.21 | per 1,000 Gallons. |
| Meter Size: | 1.5" | | | |
| First | 10,000 | Gallons @ | \$ 59.56 | Minimum bill. |
| Next | 10,000 | Gallons @ | \$ 4.27 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.68 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.32 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.21 | per 1,000 Gallons. |
| Meter Size: | 2" | | | |
| First | 16,000 | Gallons @ | \$ 85.18 | Minimum bill. |
| Next | 4,000 | Gallons @ | \$ 4.27 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.68 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.32 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.21 | per 1,000 Gallons. |
| | | | | |

Wholesale Rate (28.5% Increase)\$2.75 per 1,000 Gallons.

The above proposed rate, without RUS grant, must be completed for each grant. If the applicant/engineer desires, there is no objection to recommending a proposed rate with an estimated RUS grant in the Table below. However, the preparer should remember that the Table (A) above must be completed prior to Table (B).

| First | 2,000 | Gallons @ | \$ 18.88 | Minimum bill. |
|-------------|---------|-----------|----------|--------------------|
| Next | 8,000 | Gallons @ | \$ 5.17 | per 1,000 Gallons. |
| Next | 10,000 | Gallons @ | \$ 4.31 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.72 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.36 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.25 | per 1,000 Gallons. |
| Meter Size: | 1" | | | |
| First | 5,000 | Gallons @ | \$ 34.39 | Minimum bill. |
| Next | 5,000 | Gallons @ | \$ 5.17 | per 1,000 Gallons. |
| Next | 10,000 | Gallons @ | \$ 4.31 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.72 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.36 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.25 | per 1,000 Gallons. |
| Meter Size: | 1.5" | | | |
| First | 10,000 | Gallons @ | \$ 60.24 | Minimum bill. |
| Next | 10,000 | Gallons @ | \$ 4.31 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.72 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.36 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.25 | per 1,000 Gallons. |
| Meter Size: | 2" | | | |
| First | 16,000 | Gallons @ | \$ 86.10 | Minimum bill. |
| Next | 4,000 | Gallons @ | \$ 4.31 | per 1,000 Gallons. |
| Next | 30,000 | Gallons @ | \$ 3.72 | per 1,000 Gallons. |
| Next | 50,000 | Gallons @ | \$ 3.36 | per 1,000 Gallons. |
| Over | 100,000 | Gallons @ | \$ 3.25 | per 1,000 Gallons. |
| | | | | |

B. Recommended Rate Schedule with RUS Grant: (9.7% Increase) Meter Size: 5/8" x 3/4"

Wholesale Rate (14.5% Increase)\$2.45 per 1,000 Gallons.

| Meter Size* | Monthly Sewe | | Sewer L | lsage | Average Average Rate | Residential | | | Non-Residential | | | |
|----------------|--------------|---|---------|-------|-------------------------|-------------|-------------------|-----------------|-----------------|------------------|-----------------|--------|
| | | | | | | | No. of Users** | Usage (1000) | Income | No. of Users | Usage (1000) | Income |
| | 0 | - | 2,000 | Gal. | 1,000 | | | | | | | |
| | 2,000 | - | 3,000 | Gal. | 2,500 | | | | | | | |
| | 3,000 | - | 4,000 | Gal. | 3,500 | | | | | | | |
| | 4,000 | - | 5,000 | Gal. | 4,500 | | | | | | | |
| | 5,000 | - | 6,000 | Gal. | 5,500 | | | | | | | |
| | 6,000 | - | 7,000 | Gal. | 6,500 | | | | | | | |
| 5/8 x 3/4 | 7,000 | - | 8,000 | Gal. | 7,500 | | | | | | | |
| Inch | 8,000 | - | 9,000 | Gal. | 8,500 | | | | | | | |
| | 9,000 | - | 10,000 | Gal. | 9,500 | | | | | | | |
| | 10,000 | - | 11,000 | Gal. | 10,500 | 3 | | | | | | |
| | 11,000 | - | 12,000 | Gal. | 11,500 | | | | | | | |
| | 12,000 | - | 13,000 | Gal. | 12,500 | Ti | | | | | | |
| | 13,000 | - | 14,000 | Gal. | 13,500 | | | | | | | |
| | 14,000 | | 15,000 | Gal. | 14,500 | | | | | | | |
| | 15,000 | | 16,000 | Gal. | 15,500 | 2 | | | | | | |
| | 16,000 | | 17,000 | Gal. | 16,500 | | | | | | | |
| | 17,000 | | 18,000 | Gal. | 17,500 | | | | | | | |
| | 18,000 | | 19,000 | Gal. | 18,500 | | | | | | | |
| | 19,000 | | 20,000 | Gal. | 19,500 | 2 | | | | - | | |
| | | - | | Gal. | | | | | | | | |
| 2 | | - | | Gal. | | | | | | | | |
| | | _ | | Gal. | | | | | | | | |
| 2 | | | | | Subtotal | | () | () | () | $\left(\right)$ | () | () |
| | | | Averag | e Mon | thly Rate | () | | | | | | |
| | | | Average | Mont | hly Usage | 14 | | () | | | () | 10. |

XXIII. FORECAST OF SEWER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS - N/A

- * Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

MULTI-FAMILY AND APARTMENT USER ANALYSIS - N/A

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

| Name of Unit | Number of Units | Number of Meters | Revenue Calculations |
|--------------|-----------------|------------------|-----------------------------|
| | | | |
| | | 3 <u></u> | |
| | | | |
| | | | - |
| | | | |

| Meter Size* | Monthly Sewer Usage | | Jsage | age Average Average Rate | | Residential | | | Non-Residential | | | |
|----------------|---------------------|---|---------|-----------------------------|-----------|-------------|-------------------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | No. of Users** | Usage (1000) | Income | No. of Users | Usage (1000) | Income |
| | 0 | - | 2,000 | Gal. | 1,000 | | | | | | | |
| | 2,000 | - | 3,000 | Gal. | 2,500 | | | | | | | |
| | 3,000 | - | 4,000 | Gal. | 3,500 | | | | | | | |
| | 4,000 | - | 5,000 | Gal. | 4,500 | | | | | | | |
| | 5,000 | - | 6,000 | Gal. | 5,500 | | | | | | | |
| | 6,000 | - | 7,000 | Gal. | 6,500 | 1 | | | | | | |
| 5/8 x 3/4 | 7,000 | - | 8,000 | Gal. | 7,500 | | | | | | | |
| Inch | 8,000 | - | 9,000 | Gal. | 8,500 | | | | | | | |
| | 9,000 | - | 10,000 | Gal. | 9,500 | 3 | | | 1 | | | |
| | 10,000 | - | 11,000 | Gal. | 10,500 | | | | | | | |
| | 11,000 | - | 12,000 | Gal. | 11,500 | | | | | | | |
| | 12,000 | - | 13,000 | Gal. | 12,500 | | | | | | | |
| | 13,000 | - | 14,000 | Gal. | 13,500 | 3 | | | | | | |
| | 14,000 | - | 15,000 | Gal. | 14,500 | 2 | | | | | | |
| | 15,000 | - | 16,000 | Gal. | 15,500 | | | | | | | |
| | 16,000 | - | 17,000 | Gal. | 16,500 | | | | | | | |
| | 17,000 | - | 18,000 | Gal. | 17,500 | | | | | | | |
| | 18,000 | - | 19,000 | Gal. | 18,500 | 3 | | | | | | |
| | 19,000 | - | 20,000 | Gal. | 19,500 | | | | | | | |
| | | - | | Gal. | | | | | | | | |
| | | - | | Gal. | | | | | | | | |
| | | - | | Gal. | | | | | | | | |
| | | | | | Subtotal | | () | () | () | () | () | () |
| | | | Averag | e Mon | thly Rate | () | | | | | | |
| | | | Average | Mont | hly Usage | | | () | -0 | , | () | - |

XXIV. FORECAST OF SEWER USAGE - INCOME - NEW USERS - EXTENSION ONLY - N/A

- * Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

MULTI-FAMILY AND APARTMENT USER ANALYSIS - N/A

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

| Name of Unit | Number of Units | Number of Meters | Revenue Calculations |
|--------------|-----------------|------------------|-----------------------------|
| | | | |
| | | (a | |
| ····· | | 2 | |
| | <u> </u> | | |
| | | | (<u></u> |

XXV. FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS (JULY 1, 2014 TO JUNE 30, 2015)

DEMONSTRATION OF MODEL ACCURACY WITH EXISTING RATES

| Wa | ter Use | Number | Total Usage | First | Next | Next | Next | Next | Over |
|-------|---------|--------|----------------|-----------|-----------|----------|----------|----------|---------|
| (| Gal.) | Bills | (M Gal.) | 2,000 | 8,000 | 10,000 | 30,000 | 50,000 | 100,000 |
| First | 2,000 | 23,340 | 21,133.5 | 21,133.5 | | | | | |
| Next | 8,000 | 49,152 | 228,731.0 | 98,304.0 | 130,427.0 | | | | |
| Next | 10,000 | 4,776 | 58,033.7 | 9,552.0 | 38,208.0 | 10,273.7 | | | |
| Next | 30,000 | 1,344 | 37,196.3 | 2,688.0 | 10,752.0 | 13,440.0 | 10,316.3 | | |
| Next | 50,000 | 192 | 18,522.9 | 384.0 | 1,536.0 | 1,920.0 | 5,760.0 | 8,922.9 | |
| Over | 100,000 | 96 | 17,281.3 | 192.0 | 768.0 | 960.0 | 2,880.0 | 4,800.0 | 7,681.3 |
| т | OTALS | 78,900 | 380,898.7 | 132,253.5 | 181,691.0 | 26,593.7 | 18,956.3 | 13,722.9 | 7,681.3 |

RESIDENTIAL WATER USE TABLE

RESIDENTIAL REVENUE TABLE

| | Water Use No. Bills Gallons Existing Rate | | | | g Rates | Revenue | |
|-------|---|---------|----------|-----------|---------|------------|-------------|
| First | 2,000 | gallons | 78,900 | 132,253.5 | \$17.21 | Min. Bill | \$1,357,869 |
| Next | 8,000 | gallons | | 181,691.0 | 4.71 | per M Gal. | 855,765 |
| Next | 10,000 | gallons | | 26,593.7 | 3.93 | per M Gal. | 104,513 |
| Next | 30,000 | gallons | | 18,956.3 | 3.39 | per M Gal. | 64,262 |
| Next | 50,000 | gallons | | 13,722.9 | 3.06 | per M Gal. | 41,992 |
| Over | 100,000 | gallons | | 7,681.3 | 2.96 | per M Gal. | 22,737 |
| | | | ANNUAL R | EVENUE | | | \$2,447,137 |

COMMERCIAL WATER USE TABLE

| | | | Total Usage First (M Gal.) 2,000 | | Number Usage First Next Next | | Next 30,000 | Next 50,000 | Over 100,000 |
|-------|---------|-------|--|---------|------------------------------|---------|----------------|----------------|-----------------|
| First | 2,000 | 1,680 | 814.8 | 814.8 | | | | | |
| Next | 8,000 | 792 | 3,981.2 | 1,584.0 | 2,397.2 | | | | |
| Next | 10,000 | 276 | 3,806.9 | 552.0 | 2,208.0 | 1,046.9 | | | |
| Next | 30,000 | 264 | 10,602.0 | 528.0 | 2,112.0 | 2,640.0 | 5,322.0 | | |
| Next | 50,000 | 156 | 8,156.4 | 312.0 | 1,248.0 | 1,560.0 | 4,680.0 | 356.4 | |
| Over | 100,000 | 108 | 43,618.1 | 216.0 | 864.0 | 1,080.0 | 3,240.0 | 5,400.0 | 32,818.1 |
| т | OTALS | 3,276 | 70,979.4 | 4,006.8 | 8,829.2 | 6,326.9 | 13,242.0 | 5,756.4 | 32,818.1 |

COMMERCIAL REVENUE TABLE

| | Water U | se | No. Bills | M Gallons | Existin | Revenue | |
|-------|---------|---------|-----------|--------------|---------|------------|-----------|
| First | 2,000 | gallons | 3,276 | 4,006.8 | \$17.21 | Min. Bill | \$56,380 |
| Next | 8,000 | gallons | | 8,829.2 | 4.71 | per M Gal. | 41,586 |
| Next | 10,000 | gallons | | 6,326.9 | 3.93 | per M Gal. | 24,865 |
| Next | 30,000 | gallons | 1 1 | 13,242.0 | 3.39 | per M Gal. | 44,890 |
| Next | 50,000 | gallons | | 5,756.4 | 3.06 | per M Gal. | 17,615 |
| Over | 100,000 | gallons | | 32,818.1 | 2.96 | per M Gal. | 97,142 |
| | | | ANNUAL RE | EVENUE | | | \$282,477 |

WHOLESALE CUSTOMERS REVENUE TABLE

| Water Utility | Water Use (M Gallons) | Exist. Rate | Revenue |
|---|-----------------------------|-------------|-------------|
| City of Bonnieville | 15,023.8 | \$2.14 | \$32,151 |
| Caveland Environmental Authority-Cave City | 107,600.9 | 2.14 | 230,266 |
| Caveland Environmental Authority-Mammoth Cave | 5,115.0 | 2.14 | 10,946 |
| Green-Taylor Water District | 56,151.9 | 2.14 | 120,165 |
| Larue County Water District | 88,197.2 | 2.14 | 188,742 |
| City of Munfordville | 81,076.2 | 2.14 | 173,503 |
| City of Horse Cave | 232,907.5 | 2.14 | 498,422 |
| ANNUAL REVENUE | 586,072.4 | | \$1,254,195 |

| Billing Analysis Projected Revenue From Water Sales | \$3,983,809 |
|---|-------------|
| Water Sales Reported in Financial Statement | \$3,983,809 |
| Percent Error | 0.00% |

FORECAST WITH THE PROPOSED RATES

| | ter Use Gal.) | Number Bills | Total Usage (M Gal.) | First 2,000 | Next 8,000 | Next 10,000 | Next 30,000 | Next 50,000 | Over 100,000 |
|-------|------------------|-----------------|----------------------------|----------------|---------------|----------------|----------------|----------------|-----------------|
| First | 2,000 | 23,340 | 21,133.5 | 21,133.5 | | | | | |
| Next | 8,000 | 49,152 | 228,731.0 | 98,304.0 | 130,427.0 | | | | |
| Next | 10,000 | 4,776 | 58,033.7 | 9,552.0 | 38,208.0 | 10,273.7 | | | |
| Next | 30,000 | 1,344 | 37,196.3 | 2,688.0 | 10,752.0 | 13,440.0 | 10,316.3 | | |
| Next | 50,000 | 192 | 18,522.9 | 384.0 | 1,536.0 | 1,920.0 | 5,760.0 | 8,922.9 | |
| Over | 100,000 | 96 | 17,281.3 | 192.0 | 768.0 | 960.0 | 2,880.0 | 4,800.0 | 7,681.3 |
| Т | OTALS | 78,900 | 380,898.7 | 132,253.5 | 181,691.0 | 26,593.7 | 18,956.3 | 13,722.9 | 7,681.3 |

RESIDENTIAL WATER USE TABLE

| RESIL | JEN HAL R | EVENUE T | ABLE | Percent Rate | 9.7% | | |
|-------|-----------|----------|-----------|--------------|---------|------------|-------------|
| | Water Use | | No. Bills | M Gallons | Propos | Revenue | |
| First | 2,000 | gallons | 78,900 | 132,253.5 | \$18.88 | Min. Bill | \$1,489,477 |
| Next | 8,000 | gallons | | 181,691.0 | 5.17 | per M Gal. | 938,707 |
| Next | 10,000 | gallons | | 26,593.7 | 4.31 | per M Gal. | 114,643 |
| Next | 30,000 | gallons | | 18,956.3 | 3.72 | per M Gal. | 70,490 |
| Next | 50,000 | gallons | 8 | 13,722.9 | 3.36 | per M Gal. | 46,062 |
| Over | 100,000 | gallons | | 7,681.3 | 3.25 | per M Gal. | 24,940 |
| | | | ANNUAL RI | EVENUE | | | \$2,684,319 |
COMMERCIAL WATER USE TABLE

| Water Use | | Number | Total Usage | First | Next | Next | Next | Next | Over |
|-----------|---------|--------|----------------|---------|---------|---------|----------|---------|----------|
| (| Gal.) | Bills | (M Gal.) | 2,000 | 8,000 | 10,000 | 30,000 | 50,000 | 100,000 |
| First | 2,000 | 1,680 | 814.8 | 814.8 | | | | | |
| Next | 8,000 | 792 | 3,981.2 | 1,584.0 | 2,397.2 | | | | |
| Next | 10,000 | 276 | 3,806.9 | 552.0 | 2,208.0 | 1,046.9 | | | |
| Next | 30,000 | 264 | 10,602.0 | 528.0 | 2,112.0 | 2,640.0 | 5,322.0 | | |
| Next | 50,000 | 156 | 8,156.4 | 312.0 | 1,248.0 | 1,560.0 | 4,680.0 | 356.4 | |
| Over | 100,000 | 108 | 43,618.1 | 216.0 | 864.0 | 1,080.0 | 3,240.0 | 5,400.0 | 32,818.1 |
| Т | OTALS | 3,276 | 70,979.4 | 4,006.8 | 8,829.2 | 6,326.9 | 13,242.0 | 5,756.4 | 32,818.1 |

| COMMERCIAL REVENUE TABLE | | | | Percent Rate | 9.7% | | |
|--------------------------|---------|---------|-----------|--------------|---------|------------|-----------|
| | Water U | se | No. Bills | M Gallons | Propose | ed Rates | Revenue |
| First | 2,000 | gallons | 3,276 | 4,006.8 | \$18.88 | Min. Bill | \$61,844 |
| Next | 8,000 | gallons | | 8,829.2 | 5.17 | per M Gal. | 45,616 |
| Next | 10,000 | gallons | | 6,326.9 | 4.31 | per M Gal. | 27,275 |
| Next | 30,000 | gallons | | 13,242.0 | 3.72 | per M Gal. | 49,241 |
| Next | 50,000 | gallons | | 5,756.4 | 3.36 | per M Gal. | 19,322 |
| Over | 100,000 | gallons | | 32,818.1 | 3.25 | per M Gal. | 106,557 |
| | | | ANNUAL RE | EVENUE | | | \$309,855 |

Percent Rate Increase

| WHOLESALE CUSTOMERS REVENUE | | | | |
|---|-----------------------------|----------------------------|-------------|--|
| Water Utility | Water Use (M Gallons) | Exist. Rate (\$/M Gal.) | Revenue | |
| City of Bonnieville | 15,023.8 | \$2.45 | \$36,808 | |
| Caveland Environmental Authority-Cave City | 107,600.9 | 2.45 | 263,622 | |
| Caveland Environmental Authority-Mammoth Cave | 5,115.0 | 2.45 | 12,532 | |
| Green-Taylor Water District | 56,151.9 | 2.45 | 137,572 | |
| Larue County Water District | 88,197.2 | 2.45 | 216,083 | |
| City of Munfordville | 81,076.2 | 2.45 | 198,637 | |
| City of Horse Cave | 232,907.5 | 2.45 | 570,623 | |
| ANNUAL REVENUE | 586,072.4 | | \$1,435,877 | |

| Estimated Revenue Generated from Proposed Rates | \$4,430,052 |
|---|-------------|
| Revenue From Existing Rates | \$3,983,809 |
| Additional Revenue | \$446,242 |

MULTI-FAMILY AND APARTMENT USER ANALYSIS - N/A

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

| Name of Unit | Number of Units | Number of Meters | Revenue Calculations |
|---------------|-----------------|------------------|----------------------|
| | | | |
| | | _ , | |
| | | | |
| 3 | | - | |
| | | | |

| Meter Size* | Monthly Water Usage | | Average A | Average Rate | Residential N | | | Nor | Non-Residential | | | |
|----------------|---------------------|---|-----------|-----------------|---------------|--|-------------------|--------------|-----------------|-----------------|--------------|--------|
| | | | | | | | No. of Users** | Usage (1000) | Income | No. of Users | Usage (1000) | Income |
| | 0 | - | 2,000 | Gal. | 1,000 | | | | | | | |
| | 2,000 | - | 3,000 | Gal. | 2,500 | | | | | | | |
| | 3,000 | - | 4,000 | Gal. | 3,500 | | | | | | | |
| | 4,000 | - | 5,000 | Gal. | 4,500 | | | | | | | |
| | 5,000 | - | 6,000 | Gal. | 5,500 | | | | | | | |
| | 6,000 | - | 7,000 | Gal. | 6,500 | | | | | | | |
| 5/8 x 3/4 | 7,000 | - | 8,000 | Gal. | 7,500 | | | | | | | |
| Inch | 8,000 | - | 9,000 | Gal. | 8,500 | | | | | | | |
| | 9,000 | - | 10,000 | Gal. | 9,500 | | | | | | | |
| | 10,000 | - | 11,000 | Gal. | 10,500 | | | | | | | |
| | 11,000 | - | 12,000 | Gal. | 11,500 | | | | | | | |
| | 12,000 | - | 13,000 | Gal. | 12,500 | | | | | | | |
| | 13,000 | - | 14,000 | Gal. | 13,500 | | | | | | | |
| | 14,000 | - | 15,000 | Gal. | 14,500 | | | | | | | |
| | 15,000 | - | 16,000 | Gal. | 15,500 | | | | | | | |
| | 16,000 | - | 17,000 | Gal. | 16,500 | | | | | | | |
| | 17,000 | - | 18,000 | Gal. | 17,500 | | | | | | | |
| | 18,000 | - | 19,000 | Gal. | 18,500 | | | | | | | |
| | 19,000 | - | 20,000 | Gal. | 19,500 | | | | | | | |
| | | - | | Gal. | | | | | | | | |
| | | - | | Gal. | | | | | | | | |
| | | - | | Gal. | | | | | | | | |
| | | | - | | Subtotal | | | | | | | |
| | | | | | onthly Rate_ | | | | | | | |
| | | | Avera | ge Mon | thly Usage | | | | | | | |

XXVI. FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSION ONLY - NO NEW USERS

- * Breakdown of meter size usage is <u>not</u> required unless different water rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

MULTI-FAMILY AND APARTMENT USER ANALYSIS

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

| Name of Unit | Number of Units | Number of Meters | Revenue Calculations |
|--------------|---------------------------------------|--|----------------------|
| | | | |
| <u>.</u> | | | |
| | | | |
| <u></u> | · · · · · · · · · · · · · · · · · · · | | |
| | | 3-11-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | |

XXVII. <u>CURRENT OPERATING BUDGET (SEWER SYSTEM</u> – N/A (As of the last full operating year.)

A. Operating Income:

| Sewer Revenue | \$ |
|--------------------------------|-----|
| Late Charge Fees | |
| Other (Describe) | |
| Less Allowances and Deductions | () |
| Total Operating Income | \$ |

B. Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

| Operation Expense | \$ |
|--|----|
| Maintenance Expense | |
| Customer Accounts Expense | |
| Administrative and General Expense | |
| Total Operating and Maintenance Expenses | \$ |
| Net Operating Income | \$ |
| C. Non-Operating Income: | |
| Interest on Deposits | \$ |
| Other (Identify) | |
| Total Non-Operating Income | \$ |
| D. Net Income | \$ |
| E. Debt Repayment: | |
| RUS Interest | \$ |
| RUS Principal | |
| Non-RUS Interest | |
| Non-RUS Principal | |
| Total Debt Repayment | \$ |
| F. Balance Available for Coverage | \$ |

| XXVI | II. <u>PROPOSED OPERATING BUDGET (SEWER SYSTEM</u> | |
|------------|--|-----------------------------------|
| | (1st Full Year of Operation) | Year Ending <u>N/A</u> |
| А. | Operating Income: | |
| | Sewer Revenue | \$ |
| | Late Charge Fees | |
| | Other (Describe) | |
| | Less Allowances and Deductions | |
| | Total Operating Income | \$ |
| В. | Operation and Maintenance Expenses: | |
| | (Based on Uniform System of Accounts pres | cribed by National Association of |
| | Regulatory Utility Commissioners) | 5 |
| | Operation Expense | \$ |
| | Maintenance Expense | |
| | Customer Accounts Expense | |
| | Administrative and General Expense | |
| | Total Operating and Maintenance Expenses | \$ |
| | Net Operating Income | \$ |
| С. | Non-Operating Income: | |
| | Interest on Deposits | \$ |
| | Other (Identify) | |
| | Total Non-Operating Income | \$ |
| D. | Net Income | \$ |
| <i>E</i> . | Debt Repayment: | |
| | RUS Interest | \$ |
| | RUS Principal | |
| | Non-RUS Interest | |
| | Non-RUS Principal | |
| | Total Debt Repayment | \$ |
| <i>F</i> . | Balance Available for Coverage | |

| XXIX. | <u>PROPOSED</u> OPERATING BUDGET (SEWER SYSTEM) - Full Year of Operation) | <u>New Users - Extension Only</u> (1st Year Ending <u>N/A</u> |
|------------|---|--|
| А. | Operating Income: | |
| | Sewer Revenue | \$ |
| | Late Charge Fees | · · · · · · · · · · · · · · · · · · · |
| | Other (Describe) | |
| | Less Allowances and Deductions | () |
| | Total Operating Income | \$ |
| В. | Operation and Maintenance Expenses: | |
| | (Based on Uniform System of Accounts press Regulatory Utility Commissioners) | cribed by National Association of |
| | Operation Expense | \$ |
| | Maintenance Expense | |
| | Customer Accounts Expense | |
| | Administrative and General Expense | |
| | Total Operating and Maintenance Expenses | \$ |
| | Net Operating Income | \$ |
| С. | Non-Operating Income: | |
| | Interest on Deposits | \$ |
| | Other (Identify) | |
| | Total Non-Operating Income | \$ |
| D. | Net Income | _\$ |
| <i>E</i> . | Debt Repayment: | |
| | RUS Interest | \$ |
| | RUS Principal | |
| | Non-RUS Interest | |
| | Non-RUS Principal | |
| | Total Debt Repayment | \$ |
| F. | Balance Available for Coverage | \$ |

| XXX. | <u>CURRENT OPERATING BUDGET (WATER SYSTEM)</u> (As of the last full operating year.) | Ending June 30, 2015 |
|-------|---|----------------------|
| A. | Operating Income: | 0 |
| | Metered Water Sales, Residential | \$ 2,447,137 |
| | Metered Water Sales, Commercial | 282,477 |
| | Wholesale Water Sales | 1,254,195 |
| | Other; Cash Water Sales | 245 |
| | Revenue from Maintenance & Contract Work | 81,490 |
| | Forfeited Discounts | 66,033 |
| | Miscellaneous | 82,021 |
| | Total Operating Income | \$ 4,213,598 |
| в | Operation and Maintenance Expenses: | |
| D. | Source of Supply & Pumping | |
| | Operations | \$ 596,531 |
| | Maintenance | 5,906 |
| | Water Treatment Expense | |
| | Operations | 375,570 |
| | Transmission & Distribution | |
| | Operations | 83,716 |
| | Maintenance | 893,764 |
| | Customer Accounts Expense | 300,187 |
| | Administrative and General Expenses | 479,163 |
| | Taxes Other Than Income Taxes | 75,022 |
| | Total O&M Expenses | \$ 2,809,859 |
| С | Non-Operating Income (Expense): | |
| с. | Gain on Sale of Equipment | \$ 0 |
| | Interest Income | 942 |
| | Amortization of Premium on Bond Issue | 50,776 |
| | Total Non-Operating Income | \$ 51,718 |
| D. | Net Income | \$ 1,455,457 |
| E. | Debt Repayment: | |
| | RUS Interest | \$ 331,443 |
| | RUS Principal | 172,500 |
| | Non-RUS Interest | 136,638 |
| | Non-RUS Principal | 435,000 |
| | Total Debt Repayment | \$ 1,075,581 |
| F. Ba | ance Available for Coverage | \$ 379,876 |

| XXXI. PROPOSED OPERATING BUDGET (WATER SYSTEM) EXISTING SYS | STEM AND NEW USERS |
|---|--------------------|
| (1st Full Year of Operation) | Year Ending 2019 |
| A. Operating Income: | |
| Metered Water Sales, Residential | \$ 2,684,319 |
| Metered Water Sales, Commercial | 309,855 |
| Wholesale Water Sales | 1,435,877 |
| Other; Cash Water Sales | 167 |
| Revenue from Maintenance & Contract Work | 84,053 |
| Forfeited Discounts | 69,669 |
| Miscellaneous | 53,110 |
| Total Operating Income | \$ 4,637,052 |
| B. Operation and Maintenance Expenses: | |
| Source of Supply & Pumping | |
| Operations | \$ 687,376 |
| Maintenance | 6,805 |
| Water Treatment Expense | |
| Operations | 432,765 |
| Transmission & Distribution | 06 465 |
| Operations | 96,465 |
| Maintenance | 1,029,875 |
| Customer Accounts Expense | 345,902 |
| Administrative and General Expenses | 552,134 |
| Taxes Other Than Income Taxes | 86,447 |
| New Project O&M Increase Short Lived Assets - Reserve | 109,026 |
| | |
| Total O&M Expenses | \$ 3,542,123 |
| C. Non-Operating Income (Expense): | |
| Gain on Sale of Equipment | \$ 2,850 |
| Interest Income | 3,180 |
| Amortization of Premium on Bond Issue | 42,241 |
| Total Non-Operating Income | \$ 48,272 |
| D. Net Income | \$ 1,143,201 |
| E. Debt Repayment: | |
| RUS Interest | \$ 403,624 |
| RUS Principal | 304,442 |
| Non-RUS Interest | 70,525 |
| Non-RUS Principal | 260,699 |
| Total Debt Repayment | \$ 1,039,290 |
| F. Balance Available for Coverage | \$ 103,911 |

XXXII. <u>PROPOSED OPERATING BUDGET (WATER SYSTEM) NEW USERS EXTENSION ONLY</u> N/A (1st Full Year of Operation) Year Ending

A. Operating Income:

| Water Sales | \$ | |
|---------------------------------------|----|---|
| Disconnect/Reconnect/Late Charge Fees | | |
| Other (Describe) | | |
| Less Allowances and Deductions | (|) |
| Total Operating Income | \$ | |

B. Operation and Maintenance Expenses:

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

| Source of Supply Expense Pumping Expense Water Treatment Expense Transmission and Distribution Expense Customer Accounts Expense Capital Improvements Administrative and General Expense | \$ |
|--|----|
| Total Operating Expenses | \$ |
| Net Operating Income | \$ |
| C. Non-Operating Income: | |
| Interest on Deposits Other (Identify) Total Non-Operating Income | \$ |
| D. Net Income | \$ |
| E. Debt Repayment: | |
| RUS Interest RUS Principal Non-RUS Interest Non-RUS Principal | \$ |
| Total Debt Repayment | \$ |
| F. Balance Available for Coverage | \$ |

XXXIII. ESTIMATED PROJECT COST – SEWER – N/A (Round to nearest \$100)

| | Collection | TREATMENT | TOTAL |
|-----------------------------------|------------|-----------|-------|
| Development | | | N/A |
| Land & Rights | | | |
| Legal | | | |
| Engineering | | | |
| Interest | | | |
| Contingencies | | | |
| Initial Operating and Maintenance | | | |
| Other | | | |
| TOTAL | | | |

XXXIV. ESTIMATED PROJECT FUNDING - SEWER - N/A

| | COLLECTION | TREATMENT | TOTAL |
|---------------------------------------|------------|-----------|-------|
| Applicant - User Contribution Fees | | | N/A |
| Other - Applicant Contribution | | | |
| RUS Loan | | | |
| RUS Grant | | | |
| ARC Grant (If applicable) | | | |
| CDBG (If applicable) | | | |
| Other (Specify) | | | |
| Other (Specify) | | | |

XXXV. ESTIMATED PROJECT COST - WATER

| Construction Cost | \$ 6,335,000 |
|--------------------------------|--------------|
| Contingency | 560,000 |
| Engineering Design | 420,000 |
| Construction Observation | 282,000 |
| Preliminary Engineering Report | 20,000 |
| Geotechnical Exploration | 25,000 |
| Environmental Survey | 20,000 |
| Surveying & Mapping | 15,000 |
| Bond Counsel | 30,000 |
| Local Counsel | 13,000 |
| Interim Interest | 280,000 |
| TOTAL | 8,000,000 |

XXXVI. PROPOSED PROJECT FUNDING

| Rural Development Grant | \$ 2,400,000 |
|-------------------------|--------------|
| Rural Development Loan | \$ 5,600,000 |
| TOTAL | \$ 8,000,000 |

Green River Valley Water District May 2016

| Type of Reserve | User Description | Replacement Cost | Reserve on Hand | Annual Reserve | |
|----------------------|------------------|---------------------|--------------------|-------------------|--|
| 1-5 Years | 5 - Trucks | \$175,000 | \$0 | \$35,000 | |
| 1-5 Years | Lab Equipment | \$15,000 | \$0 | \$3,000 | |
| 1-5 Years | 9 - Computers | \$10,800 | \$0 | \$2,160 | |
| Subtotal 1-5 Years | | | | \$40,160 | |
| 5-10 Years | 1 - Trackhoe | \$75,000 | \$0 | \$7,500 | |
| 5-10 Years | 1 - Dump Trucks | \$50,000 | \$0 | \$5,000 | |
| 5-10 Years | WTP Equipment | \$20,000 | \$0 | \$2,000 | |
| 5-10 Years | 3,600 - Meters | \$540,000 | \$0 | \$54,000 | |
| Subtotal 5-10 Years | | | | \$68,500 | |
| 10-15 Years | 13 - Tank Rehab | \$1,300,000 | \$0 | \$86,667 | |
| Subtotal 10-15 Years | | | | \$86,667 | |

EXHIBIT 2B

COST OF SERVICE STUDY FOR RETAIL AND WHOLESALE WATER RATES

GREEN RIVER VALLEY WATER DISTRICT

Prepared by Alan H. Vilines, P.E.



Kentucky Rural Water Association

1151 Old Porter Pike • Bowling Green, KY 42101 • 270.843.2291 • www.krwa.org

HISTORICAL FINANCIAL INFORMATION AND PROJECTIONS

Green River Valley Water District

| | | | | | F | Projected |
|---|-------------|------------------|---------------|-----------------------|----|-------------|
| | <u>2016</u> | <u>2017</u> | <u>2018</u> | Annual Growth Rate | | <u>2021</u> |
| OPERATING REVENUE | GRVWD Fi | nancial Statemen | t Information | Calculated Projection | | |
| Metered Water Sales | | | | | | |
| Residential | \$2,416,031 | \$2,479,204 | \$2,562,441 | w/ prop. Rates | \$ | 3,186,966 |
| Commercial | 267,775 | 246,828 | 236,949 | w/ prop. Rates | | 298,480 |
| | \$2,683,806 | \$2,726,032 | \$2,799,390 | | \$ | 3,485,446 |
| Wholesale Water Sales: | * - | ^ | ^ | | | |
| Horse Cave | \$487,690 | \$551,373 | \$578,805 | | | |
| CEA Cave City | 170,608 | 135,038 | 255,460 | | | |
| Munfordville | 180,695 | 195,926 | 212,890 | | | |
| Larue County | 188,516 | 193,127 | 197,387 | | | |
| Bonnieville | 28,750 | 32,114 | 36,667 | | | |
| Green-Taylor | 143,168 | 67,709 | 129,297 | | | |
| CEA | 21,384 | 20,242 | 24,916 | Laura Datas | | 4 74 4 007 |
| | \$1,220,811 | \$1,195,529 | \$1,435,422 | w/ prop. Rates | \$ | 1,714,997 |
| Other Operating Revenues: | | | | | | |
| Cash Water Sales | \$479 | \$226 | \$284 | 3 Yr. Avg. | \$ | 330 |
| Rev. from Maint. & Contract Work | 89,765 | 97,374 | 71,881 | 3 Yr. Avg. | | 86,340 |
| Forfeited Discounts | 58,719 | 63,449 | 65,772 | 3 Yr. Avg. | | 62,647 |
| Miscellaneous | 61,925 | 29,453 | 25,724 | 3 Yr. Avg. | | 39,034 |
| | \$210,888 | \$190,502 | \$163,661 | | \$ | 188,350 |
| TOTAL OPERATING REVENUES | \$4,115,505 | \$4,112,063 | \$4,398,473 | | \$ | 5,388,793 |
| OPERATING EXPENSES | | | | | | |
| Source of Supply and Pumping Expenses | | | | | | |
| Operations | \$632,323 | \$562,722 | \$775,790 | 2.79% | \$ | 842,625 |
| Maintenance | 9,216 | | | 2.79% | | - |
| Water Treatment Expenses | | | | | | |
| Operations | 385,233 | 434,487 | 387,562 | 2.79% | | 420,951 |
| Transmission and Distribution | | | | | | |
| Operations | 82,404 | 80,630 | 83,322 | 2.79% * | | 123,084 |
| Maintenance | 934,788 | 887,585 | 930,245 | 2.79% * | | 1,070,541 |
| Customer Accounts Expenses | 312,621 | 320,784 | 297,563 | 2.79% | | 323,199 |
| Administrative and General Expenses | 554,952 | 542,449 | 597,434 | 2.79% | | 648,904 |
| Taxes Other Than Income | 85,473 | 87,209 | 92,506 | 2.79% * | | 106,363 |
| New Projected O&M at WTP | | | | | | 115,195 |
| Short Lived Assets | | | | | | 462,827 |
| TOTAL OPERATING EXPENSES | \$2,997,010 | \$2,915,866 | \$3,164,422 | 2.79% | \$ | 4,113,687 |
| NONOPERATING REVENUE & (EXPENSE | S) | | | | | |
| Gain on Sales of Equipment | , 0 | 15,029 | 0 | 3 Yr. Avg. | \$ | 5,010 |
| Interest Income | 7,497 | 7,611 | 5,791 | 3 Yr. Avg. | \$ | 6,966 |
| Amortization of Premium on Bond Issue | 44,849 | 38,602 | 32,043 | - | | 32,043 |
| Interest Penalty on Early Retir. of Bonds | 0 | 0 | 0 | | | - |
| TOTAL NONOPER. REV. & (EXPEN) | \$52,346 | \$61,242 | \$37,834 | | | \$44,019 |
| NET INCOME (LOSS) | \$1,170,841 | \$1,257,439 | \$1,271,885 | | \$ | 1,319,125 |
| DEBT REPAYMENT | | | | | | |
| RUS Interest | \$326,476 | \$319,542 | \$312,359 | | | 288,762 |
| RUS Principal | 177,000 | 183,500 | 190,000 | | | 216,000 |
| Non-RUS Interest | 118,745 | 105,189 | 88,387 | | | 56,555 |
| Non-RUS Principal | 483,496 | 451,593 | 432,056 | | | 278,465 |
| Proposed Project Principal & Interest | 0 | 0 | 0 | | | 285,480 |
| TOTAL DEBT REPAYMENT | \$1,105,717 | \$1,059,824 | \$1,022,802 | | \$ | 1,125,262 |
| BALANCE AVAILABLE FOR COVERAGE | \$65,124 | \$197,615 | \$249,083 | | \$ | 193,862 |
| | | | | | | |

| Replacement Reserves - Short Lived Assets | | | | | | | | | |
|--|--------------------|--|-----------|--------------------|---------|------------------|--|-----|-------------|
| Type of Reserve | User Description | User Description Replacement Reserve on Cost Hand | | User Description 1 | | User Description | | Ann | ual Reserve |
| 1-5 Years | 15 - Trucks | \$ | 450,000 | - | \$ | 90,000 | | | |
| 1-5 Years | Lab Equipment | | 50,000 | - | | 10,000 | | | |
| 1-5 Years | 9 - Computers | | 10,800 | - | | 2,160 | | | |
| 1-5 Years | 3,600 Meters | | 540,000 | | 108,000 | | | | |
| Subtotal 1-5 Years | | | | | \$ | 210,160 | | | |
| 5-10 Years | 1 - Trackhoe | \$ | 250,000 | - | | 25,000 | | | |
| 5-10 Years | 2 - Backhoes | | 320,000 | - | | 32,000 | | | |
| 5-10 Years | 3 - Dump Trucks | | 265,000 | - | | 26,500 | | | |
| 5-10 Years | WTP Equipment | | 20,000 | - | | 2,000 | | | |
| 5-10 Years | 3,600 - Meters | | 540,000 | - | | 54,000 | | | |
| 5-10 Years | Skid Steer | | 45,000 | - | | 4,500 | | | |
| Subtotal 5-10 Years | | | | | \$ | 144,000 | | | |
| 10-15 Years | 13 - Tank Rehab | \$ | 1,300,000 | - | | 86,667 | | | |
| 10-15 Years | Pumping Equipment | | 160,000 | - | | 10,667 | | | |
| 10-15 Years | Telemetry | | 170,000 | - | | 11,333 | | | |
| Subtotal 10-15 Years | | | | | \$ | 108,667 | | | |
| Replacement Reserve - | Short Lived Assets | | | | \$ | 462,827 | | | |

Green River Valley Water District

SUMMARY OF DEBT SERVICE AND COVERAGE

Green River Valley Water District

| | | Paym | ent | s Required | in 2 | 021 |
|------------------------------|------|-----------|-----|------------|------|-----------|
| | | Principal | _ | Interest | | Total |
| 1996 A - RD | | 31,000 | | 28,080 | | 59,080 |
| 1996 B - RD | | 18,000 | | 17,393 | | 35,393 |
| 1996 C - RD | | 7,000 | | 6,638 | | 13,638 |
| 2004 - RD | | 96,000 | | 176,400 | | 272,400 |
| 2010 - RD | | 64,000 | | 60,251 | | 124,251 |
| Subtotal RUS | | 216,000 | | 288,762 | | 504,762 |
| 2013 - KRWFC | | 215,000 | | 49,410 | | 264,410 |
| 2014 - KIA | | 63,465 | | 7,145 | _ | 70,610 |
| Subtotal Other | | 278,465 | | 56,555 | | 335,020 |
| Proposed 2019 - RD * | | 113,980 | | 171,500 | | 285,480 |
| Total Principal & Interest | \$ | 608,445 | \$ | 516,817 | \$ | 1,125,262 |
| Coverage: | _ | | | | | |
| Existing RD Loans | | | | | \$ | 100,952 |
| Existing KRWFC | | | | | | 52,882 |
| Existing KIA Loan | | | | | | 7,061 |
| Proposed RD Loan | | | | | | 28,548 |
| Total Coverage | | | | | \$ | 189,443 |
| Total Debt Service with Cove | rage | | | | \$ | 1,314,706 |

* Based on \$10.0 million project with \$3.0 million grant. \$5.6 million loan at 2.25% and \$1.4 million loan at 3.25%.

WHOLESALE / RETAIL EXPENSE ALLOCATIONS AND WHOLESALE RATE COMPUTATION

Green River Valley Water District

| | | Allocation | <u>Wholesale</u> | <u>Retail</u> |
|----------------------------------|---------------|------------|------------------|---------------|
| | <u>Total</u> | Factor | Allocation | Allocation |
| Salaries & Wages | | | | |
| Customer Accts. | \$ 167,910 | | 0 | 167,910 |
| Water Supply & Treatment | 419,910 | 0.5089 | 213,710 | 206,201 |
| Trans./Distribution | 462,618 | 0.1802 | 83,383 | 379,235 |
| Admin & General | 354,548 | 0.1802 | 63,904 | 290,644 |
| Employee Benefits + Taxes | | | | |
| Customer Accts. | 19,291 | | 0 | 19,291 |
| Water Supply & Treatment | 47,626 | 0.5089 | 24,239 | 23,387 |
| Trans./Distribution | 67,869 | 0.1802 | 12,233 | 55,637 |
| Admin & General | 30,955 | 0.1802 | 5,579 | 25,376 |
| Salaries - Officers (A & G) | 16,727 | 0.5089 | 8,513 | 8,214 |
| Purchased Water | 16,727 | 0.5089 | 8,513 | 8,214 |
| Purchased Power | | | | |
| Water Supply & Treatment | 361,870 | 0.5089 | 184,171 | 177,700 |
| Trans./Distribution | 90,500 | 0.5956 | 53,899 | 36,601 |
| Admin & General | 19,450 | 0.1802 | 3,506 | 15,944 |
| Chemicals | 192,447 | 0.5089 | 97,944 | 94,503 |
| Materials & Supplies | | | | |
| Customer Accts. | 61,888 | | 0 | 61,888 |
| Water Supply & Treatment | 36,756 | 0.5089 | 18,707 | 18,050 |
| Trans./Distribution | 213,087 | 0.1802 | 38,407 | 174,680 |
| Admin & General | 24,488 | 0.1802 | 4,414 | 20,075 |
| Contr. Services - Acct. & Legal | 31,702 | 0.5956 | 18,880 | 12,821 |
| Contr. Services - Cust. Accts. | 2,167 | | 0 | 2,167 |
| Contr. Services - Other | | | | |
| Water Supply & Treatment | 228,222 | 0.5089 | 116,152 | 112,071 |
| Trans./Distribution | 157,641 | 0.1802 | 28,413 | 129,227 |
| Admin & General | 45,795 | 0.1802 | 8,254 | 37,541 |
| Transportation Expense | | | | |
| Customer Accts. | 46,782 | | 0 | 46,782 |
| Trans./Distribution | 115,047 | 0.1802 | 20,736 | 94,311 |
| Admin & General | 4,527 | 0.5956 | 2,696 | 1,831 |
| Insurance - Workers Comp & Empl. | | | | |
| Customer Accts. | 26,631 | | 0 | 26,631 |
| Water Supply & Treatment | 59,898 | 0.5089 | 30,485 | 29,413 |
| Trans./Distribution | 61,168 | 0.1802 | 11,025 | 50,143 |
| Admin & General | 56,233 | 0.1802 | 10,136 | 46,098 |
| | | | | |

| Employee Flex Reimbursements | | | | |
|----------------------------------|-----------|--------|-----------|-----------|
| Customer Accts. | 7,063 | | 0 | 7,063 |
| Water Supply & Treatment | 15,887 | 0.5089 | 8,086 | 7,802 |
| Trans./Distribution | 16,224 | 0.1802 | 2,924 | 13,300 |
| Admin & General | 14,915 | 0.1802 | 2,688 | 12,227 |
| Property & Other Insurance | | | | |
| Water Supply & Treatment | 32,640 | 0.5089 | 16,612 | 16,028 |
| Trans./Distribution | 47,580 | 0.5956 | 28,337 | 19,243 |
| Admin & General | 5,240 | 0.5956 | 3,121 | 2,119 |
| Bad Debt Expense | 14,610 | | 0 | 14,610 |
| Misc. Expense | | | | |
| Customer Accts. | 4,919 | | 0 | 4,919 |
| Admin & General | 51,301 | 0.5956 | 30,553 | 20,748 |
| Reserve for Short Term Assets | | | | |
| Customer | 212,056 | | 0 | 212,056 |
| Water Supply & Treatment | 12,000 | 0.5089 | 6,107 | 5,893 |
| Trans./Distribution | 231,767 | 0.5956 | 138,033 | 93,733 |
| Admin & General | 7,004 | 0.1802 | 1,262 | 5,742 |
| Total Operating Expenses | 4,113,687 | | 1,305,622 | 2,808,065 |
| Debt Service & Coverage | | | | |
| Water Supply & Treatment | 564,875 | 0.5089 | 287,488 | 277,387 |
| Trans. / Distribution | 654,811 | 0.1802 | 118,024 | 536,787 |
| Admin & General | 6,054 | 0.1802 | 1,091 | 4,963 |
| Customer | 88,966 | | | 88,966 |
| Total Expense Allocations | 5,428,393 | | 1,712,225 | 3,716,168 |
| Wholesale Gallons Sold (x 1,000) | | | 669,921 | |
| Wholesale Rate per 1,000 Gallons | | | \$2.56 | |

Table ASYSTEM INFORMATIONGreen River Valley Water District

| Schedule of All Mains and Jointly Used Mains | | | | | | | | | |
|--|---------------|--------------|---------------|-----------------|--------------|--|--|--|--|
| | | Total System | | Joint | Use | | | | |
| <u>Main</u> | Length | Miles of | <u>Inch -</u> | <u>Miles of</u> | Inch - | | | | |
| <u>Size</u> | <u>(feet)</u> | <u>Mains</u> | <u>Miles</u> | <u>Mains</u> | <u>Miles</u> | | | | |
| | | | | | | | | | |
| 16 | 101,904 | 19.3 | 308.80 | 18.4 | 293.86 | | | | |
| 12 | 125,136 | 23.7 | 284.40 | 21.5 | 257.90 | | | | |
| 10 | 147,840 | 28.0 | 280.00 | 19.0 | 189.50 | | | | |
| 8 | 199,056 | 37.7 | 301.60 | 25.5 | 203.70 | | | | |
| 6 | 719,294 | 136.2 | 817.38 | 23.2 | 139.23 | | | | |
| 4 | 1,038,576 | 196.7 | 786.80 | 8.2 | 32.97 | | | | |
| 3 | 1,554,960 | 294.5 | 883.50 | | | | | | |
| 2 | 76,560 | 14.5 | 29.00 | | | | | | |
| Totals | 3,963,326 | 750.6 | 3,691.48 | 115.7 | 1,117.17 | | | | |

| Retail Sales 454,792.0 Bulk Loading Sta. 125.0 Wholesale Sales 669,920.7 Total Water Sold 1,124,837.7 Water Used at WTP 27,764.3 1.92% System Flushing 2,000.0 0.14% | Water Purchased, Sold and Used | | | | | | | |
|--|--------------------------------|-------------|----------------|--|--|--|--|--|
| Retail Sales 454,792.0 Bulk Loading Sta. 125.0 Wholesale Sales 669,920.7 Total Water Sold 1,124,837.7 Water Used at WTP 27,764.3 1.92% System Flushing 2,000.0 0.14% | | | <u>Percent</u> | | | | | |
| Bulk Loading Sta.125.0Wholesale Sales669,920.7Total Water Sold1,124,837.7Water Used at WTP27,764.31.92%System Flushing2,000.00.14% | Water Produced | 1,448,308.0 | | | | | | |
| Wholesale Sales 669,920.7 Total Water Sold 1,124,837.7 Water Used at WTP 27,764.3 1.92% System Flushing 2,000.0 0.14% | Retail Sales | 454,792.0 | | | | | | |
| Total Water Sold 1,124,837.7 Water Used at WTP 27,764.3 1.92% System Flushing 2,000.0 0.14% | Bulk Loading Sta. | 125.0 | | | | | | |
| Water Used at WTP 27,764.3 1.92% System Flushing 2,000.0 0.14% | Wholesale Sales | 669,920.7 | | | | | | |
| System Flushing 2,000.0 0.14% | Total Water Sold | 1,124,837.7 | | | | | | |
| | Water Used at WTP | 27,764.3 | 1.92% | | | | | |
| Line Losses 278,706.0 19.24% | System Flushing | 2,000.0 | 0.14% | | | | | |
| , | Line Losses | 278,706.0 | 19.24% | | | | | |
| Fire Dept. & Other 15,000.0 | Fire Dept. & Other | 15,000.0 | | | | | | |

| Table B WHOLESALE ALLOCATION FACTORS Green River Valley Water District | | | | | | | | | | |
|---|------------------------------|---|------------------------------|---|--|--|--|--|--|--|
| | | | | | FACTOR | | | | | |
| Line Loss Percentage Plant Use Percentage Line Loss + Plant Use Joint Use Inch-miles Total Inch-Miles Water Sold - Wholesale Water Sold - Total | | | | | 0.1924 0.0192 0.2116 1,117.17 3,691.48 669,920.73 1,124,837.73 | | | | | |
| Production Multiplier | 1 | | 1 0.2116 | = | 1.2684 | | | | | |
| Joint Use Pipeline Ratio | | | 1,117.17 3,691.48 | = | 0.3026 | | | | | |
| Wholesale Share of Line Loss | 0.1924 | x | 0.3026 | = | 0.0582 | | | | | |
| Joint Share Line Loss + Plant Use | 0.0582 | + | 0.0192 | = | 0.0774 | | | | | |
| Wholesale Production Multiplier | 1 | | 1 0.0774 | = | 1.0839 | | | | | |
| Production Allocation Factor | | | 669,920.7 1,124,837.7 | = | 0.5089 | | | | | |
| Pipeline Transmission Factor | 669,920.7 1,124,837.7 | x | 0.3026 | = | 0.1802 | | | | | |
| Use Factor | | | 669,920.7 1,124,837.7 | = | 0.5956 | | | | | |

Table CALLOCATION OF PLANT VALUE AND DEBT SERVICE - WHOLESALEGreen River Valley Water District

| | <u>Total</u> <u>Values</u> | Water Supply <u>& Treatment</u> | <u>Trans. &</u> Distribution | <u>General</u> <u>& Admin.</u> | <u>Customer</u> |
|--|-------------------------------|--|-------------------------------------|---------------------------------------|-----------------|
| Land & Land Rights | 157,172 | 157,172 | | | |
| L & L Rights Structures & Improvements | 86,496 | 86,496 | | | |
| L & L Rights Water Treatment | 188,386 | 188,386 | | | |
| L & L Rights Hydrants | 6,900 | | | | 6,900 |
| Structures & Improvements | 3,557,346 | 3,557,346 | | | |
| Collecting and Impounding Reservoirs | 2,556,206 | 2,556,206 | | | |
| River Intakes | 495,652 | 495,652 | | | |
| Supply Mains | 312,627 | 312,627 | | | |
| Electric Pumping Equipment | 3,989,732 | 1,196,920 | 2,792,812 | | |
| Water Treatment Equipment | 1,362,392 | 1,362,392 | | | |
| Distribution Reservoirs & Standpipes | 3,108,627 | | 3,108,627 | | |
| Trans. & Distribution Mains | 19,482,801 | | 19,482,801 | | |
| Services | 932,772 | | | | 932,772 |
| Meters | 1,697,419 | | | | 1,697,419 |
| Meter Installations | 157,159 | | | | 157,159 |
| Hydrants | 128,124 | | | | 128,124 |
| Lab Equipment | 3,343 | 3,343 | | | |
| Structures & Improvements Office Bldg | 610,371 | 61,037 | 183,111 | 122,074 | 244,148 |
| Office Furniture & Equipment | 318,466 | 31,847 | 95,540 | 63,693 | 127,386 |
| Transportation Equipment | 662,744 | | 458,336 | 18,035 | 186,373 |
| Communication Equipment | 191,169 | 19,117 | 57,351 | 38,234 | 76,468 |
| Subtotals | 40,005,904 | 10,028,540 | 26,178,578 | 242,037 | 3,556,749 |
| Percentages | | 25.1% | 65.4% | 0.6% | 8.9% |
| Other Plant | 25,564 | 6,408 | 16,728 | 155 | 2,273 |
| Tools, Shop, & Other Equipment | 169,812 | 42,568 | 111,120 | 1,027 | 15,097 |
| Power Operated Equipment | 513,437 | 128,707 | 335,977 | 3,106 | 45,647 |
| Totals | \$ 40,714,717 | \$ 10,206,223 | \$ 26,642,402 | \$ 246,325 | \$ 3,619,767 |
| Plant Value Percentages | | 25.1% | 65.4% | 0.6% | 8.9% |
| Allocation of Debt Service: | | | | | |
| Existing Debt Service & Coverage | \$ 1,000,677 | \$ 250,846 | \$ 654,811 | \$ 6,054 | \$ 88,966 |
| Proposed Debt Serv. & Cov WTP | 314,028 | 314,028 | | | |
| Total Debt Service Allocations | \$ 1,314,706 | \$ 564,875 | \$ 654,811 | \$ 6,054 | \$ 88,966 |

Table DALLOCATION OF OPERATION & MAINTENANCE EXPENSE - RETAILGreen River Valley Water District

| | <u>Total</u> | | | | <u>Admin. &</u> |
|----------------------------------|---------------|------------------|---------------|-----------------|---------------------|
| | <u>Values</u> | <u>Commodity</u> | <u>Demand</u> | <u>Customer</u> | <u>General</u> |
| Salaries & Wages | 1,043,990 | | 585,436 | 167,910 | 290,644 |
| Employee Benefits + Taxes | 123,691 | | 79,024 | 19,291 | 25,376 |
| Salaries - Officers (A & G) | 8,214 | | | | 8,214 |
| Purchased Water | 8,214 | 8,214 | | | |
| Purchased Power | 230,245 | | 214,301 | | 15,944 |
| Chemicals | 94,503 | 94,503 | | | |
| Materials & Supplies | 274,692 | | 192,729 | 61,888 | 20,075 |
| Contr. Services - Acct. & Legal | 12,821 | | | | 12,821 |
| Contr. Services - Cust. Accts. | 2,167 | | | 2,167 | |
| Contr. Services - Other | 278,839 | | 241,298 | | 37,541 |
| Transportation Expense | 142,924 | | 94,311 | 46,782 | 1,831 |
| Insurance - Workers Comp & Empl. | 152,285 | | 79,556 | 26,631 | 46,098 |
| Employee Flex Reimbursements | 40,391 | | 21,101 | 7,063 | 12,227 |
| Property & Other Insurance | 37,390 | | 35,271 | | 2,119 |
| Bad Debt Expense | 14,610 | | | 14,610 | |
| Misc. Expense | 25,667 | | | 4,919 | 20,748 |
| Reserve for Short Term Assets | 317,423 | | 99,626 | 212,056 | 5,742 |
| Totals | 2,808,065 | 102,717 | 1,642,653 | 563,317 | 499,378 |
| Less Admin. & General | 499,378 | | | | |
| Total w/o A & G | 2,308,687 | | | | |
| Percentages w/o A & G | 100.00% | 4.45% | 71.15% | 24.40% | |
| Allocation of Admin. & General | 499,378 | 22,218 | 355,312 | 121,848 | |
| Total O & M Expense Allocations | 2,808,065 | 124,935 | 1,997,965 | 685,165 | |

| Table E | | | | | | |
|--|--|--|--|--|--|--|
| ALLOCATION OF PLANT VALUE AND DEBT SERVICE - RETAIL | | | | | | |
| Green River Valley Water District | | | | | | |

| | <u>Total</u> Values | C | ommodity | Demand | | <u>Customer</u> |
|--|------------------------|---------|-----------|------------------|----|-----------------|
| | | <u></u> | | Demana | - | <u>customer</u> |
| Land & Land Rights | 157,172 | | 157,172 | | | |
| L & L Rights Structures & Improvements | 86,496 | | 86,496 | | | |
| L & L Rights Water Treatment | 188,386 | | | 188,386 | | |
| L & L Rights Hydrants | 6,900 | | | | | 6,900 |
| Structures & Improvements | 3,557,346 | | | 3,557,346 | | |
| Collecting and Impounding Reservoirs | 2,556,206 | | 2,556,206 | | | |
| River Intakes | 495,652 | | 495,652 | | | |
| Supply Mains | 312,627 | | | 312,627 | | |
| Electric Pumping Equipment | 3,989,732 | | | 3,989,732 | | |
| Water Treatment Equipment | 1,362,392 | | | 1,362,392 | | |
| Distribution Reservoirs & Standpipes | 3,108,627 | | | 3,108,627 | | |
| Trans. & Distribution Mains | 19,482,801 | | | 19,482,801 | | |
| Services | 932,772 | | | | | 932,772 |
| Meters | 1,697,419 | | | | | 1,697,419 |
| Meter Installations | 157,159 | | | | | 157,159 |
| Hydrants | 128,124 | | | | | 128,124 |
| Lab Equipment | 3,343 | | 3,343 | | | |
| Subtotals | 38,223,154 | | 3,298,869 | 32,001,911 | | 2,922,374 |
| Percentages | | | 8.63% | 83.72% | | 7.65% |
| Structures & Improvements Office Bldg | 610,371 | | 52,678 | 511,026 | | 46,666 |
| Other Plant | 25,564 | | 2,206 | 21,403 | | 1,955 |
| Office Furniture & Equipment | 318,466 | | 27,485 | 266,632 | | 24,349 |
| Transportation Equipment | 662,744 | | 57,198 | 554,875 | | 50,670 |
| Tools, Shop, & Other Equipment | 169,812 | | 14,656 | 142,173 | | 12,983 |
| Power Operated Equipment | 513,437 | | 44,312 | 429,869 | | 39,255 |
| Communication Equipment | 191,169 | | 16,499 | 160,054 | | 14,616 |
| Totals | \$ 40,714,717 | \$ | 3,513,905 | \$ 34,087,944 | \$ | 3,112,868 |
| Plant Value Percentages Not Customer | | | 9.35% | 90.65% | | |
| Allocation of Debt Service: | | | | | | |
| Ex. Retail Debt Service & Coverage | \$ 691,195 | \$ | 56,279 | \$ 545,951 | \$ | 88,966 |
| Prop. Retail Debt Serv. & Cov WTP | 216,908 | | | \$ 216,908 | | |
| Total Debt Service Allocations | \$ 908,103 | \$ | 56,279 | \$ 762,859 | \$ | 88,966 |

Table FSUMMARY OF ALLOCATIONS - RETAILGreen River Valley Water District

| | <u>Total</u> <u>Values</u> | <u>Commodity</u> | <u>Demand</u> | <u>Customer</u> |
|------------------------------------|-------------------------------|------------------|---------------|-----------------|
| Operation & Maintenance Expenses | 2,808,065 | 124,935 | 1,997,965 | 685,165 |
| Debt Service & Coverage | 908,103 | 56,279 | 762,859 | 88,966 |
| Total Expenses - Retail | 3,716,168 | 181,213 | 2,760,824 | 774,131 |
| Less: | | | | |
| Cash Water Sales | 330 | 330 | | |
| Rev. from Maint. & Contract Work | 86,340 | 86,340 | | |
| Forfeited Discounts | 62,647 | | | 62,647 |
| Miscellaneous Operating Revenue | 39,034 | 39,034 | | |
| Non-operating Revenues | 44,019 | 44,019 | | - |
| Revenue Required from Retail Rates | 3,483,799 | 11,491 | 2,760,824 | 711,484 |

Table GCALCULATION OF WATER RATES - RETAILGreen River Valley Water District

| | Total | First 2,000 | Next 8,000 | Next 20,000 | Over 30,000 |
|--|----------------------|------------------------|---------------|----------------|----------------|
| Actual Commodity Sales | 454,792,000 | 25,515,900 | 221,755,500 | 99,183,500 | 108,337,100 |
| Commodity Percentages | 100.00% | 5.61% | 48.76% | 21.81% | 23.82% |
| Demand Weighting Factor | | 7.25 | 1.60 | 1.25 | 1.00 |
| Demand Weighted Sales | 772,115,550 | 184,990,275 | 354,808,800 | 123,979,375 | 108,337,100 |
| Demand Percentages | | 23.96% | 45.95% | 16.06% | 14.03% |
| Commodity Costs | 11,491 | 645 | 5,603 | 2,506 | 2,737 |
| Demand Costs | 2,760,824 | 661,463 | 1,268,676 | 443,308 | 387,377 |
| Customer Costs | 711,484 | 711,484 | | | |
| Total Costs | 3,483,799 | 1,373,592 | 1,274,279 | 445,814 | 390,114 |
| No. of Bills or Gals. Sold | | 81,549 | 221,756 | 99,184 | 108,337 |
| CALCULATED RATES (adjusted per Billing Analysis | to result in require | \$22.00 ed revenue) | \$5.90 | \$4.80 | \$3.80 |
| | | | | | |

EXISTING AND PROPOSED RATES

Green River Valley Water District

r

| <u>EXISTING W</u> | /ATER | RATES | | | | | | | | | |
|-----------------------------------|---------------|-------------------|---------------|---------------------------|-----------------------|--------|--------------------|--|--|--|--|
| Minimum Bills Based on Meter Size | | | | | | | | | | | |
| | | | | Ga | als. incl'd. | Mi | <u>nimum</u> | | | | |
| | | Meter Size | | <u>in l</u> | <u>Minimum</u> | Mor | <u>nthly Bill</u> | | | | |
| | | 5/8 x 3/4 in | ch | | 2,000 | \$ | 17.21 | | | | |
| | | 1 inch | | | 5,000 | | 31.34 | | | | |
| | | 1-1/2 inch | | | 10,000 | | 54.89 | | | | |
| | | 2 inch | | | 16,000 | | 78.47 | | | | |
| | | <u>Rates fo</u> | r Water Usa | <u>ge in</u> | Addition t | o Mini | <u>mum</u> | | | | |
| | <u>No. of</u> | Gallons per N | <u>lonth</u> | | | | | | | | |
| | First | 2,000 | Gallons @ | \$ | 17.21 | L.S. N | 1inimum | | | | |
| | Next | | Gallons @ | | 4.71 | per 1 | ,000 Gallons. | | | | |
| l . | Next | 10,000 | Gallons @ | | 3.93 | per 1 | ,000 Gallons. | | | | |
| | Next | | Gallons @ | | 3.39 | per 1 | ,000 Gallons. | | | | |
| | Next | | Gallons @ | | | • | ,000 Gallons. | | | | |
| | Over | 100,000 | Gallons @ | | 2.96 | per 1 | ,000 Gallons. | | | | |
| | Whole | esale Custom | ers | \$ | 2.14 | per 1 | ,000 Gallons. | | | | |
| | Date T | his Rate We | nt Into Effec | t <u>November 5, 2010</u> | | | <u>per 5, 2010</u> | | | | |
| PROPOSED | WATE | <u>R RATES</u> | | | | | | | | | |
| l | | M | inimum Bills | Base | d on Mete | r Size | | | | | |
| | | | | Ga | Gals. incl'd. Minimum | | | | | | |
| | | <u>Meter Size</u> | | <u>in l</u> | <u>Minimum</u> | Mor | <u>nthly Bill</u> | | | | |
| | | 5/8 x 3/4 in | ch | | 2,000 | \$ | 22.00 | | | | |
| | | 1 inch | | | 5,000 | | 39.70 | | | | |
| | | 1-1/2 inch | | | 10,000 | | 69.20 | | | | |
| | | 2 inch | | | 15,000 | | 93.20 | | | | |
| | | Rates fo | r Water Usa | <u>ge in</u> | Addition t | o Mini | <u>mum</u> | | | | |
| | <u>No. of</u> | Gallons per N | <u>lonth</u> | | | | | | | | |
| | First | 2,000 | Gallons @ | \$ | 22.00 | L.S. N | 1inimum | | | | |
| | Next | 8,000 | Gallons @ | | 5.90 | per 1 | ,000 Gallons. | | | | |
| | Next | 20,000 | Gallons @ | | 4.80 | per 1 | ,000 Gallons. | | | | |
| | Over | 30,000 | Gallons @ | | 3.80 | per 1 | ,000 Gallons. | | | | |
| | Whole | esale Custom | ers | \$ | 2.56 | per 1 | ,000 Gallons. | | | | |

BILLING ANALYSIS WITH PROPOSED RATES Green River Valley Water District

XXV. FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS (PROPOSED RATES)

5/8 x 3/4" RESIDENTIAL METERS

| | | | | FIRST | NEXT | NEXT | ALL OVER | |
|----------|--------|--------|-------------|-------------|-------------|------------|------------|-------------|
| | USAGE | BILLS | GALLONS | 2,000 | 8,000 | 20,000 | 30,000 | TOTAL |
| FIRST | 2,000 | 24,340 | 23,585,200 | 23,585,200 | - | - | - | 23,585,200 |
| NEXT | 8,000 | 46,598 | 216,059,500 | 93,196,000 | 122,863,500 | - | - | 216,059,500 |
| NEXT | 20,000 | 5,764 | 89,994,600 | 11,528,000 | 46,112,000 | 32,354,600 | - | 89,994,600 |
| ALL OVER | 30,000 | 920 | 53,581,800 | 1,840,000 | 7,360,000 | 18,400,000 | 25,981,800 | 53,581,800 |
| _ | | 77,622 | 383,221,100 | 130,149,200 | 176,335,500 | 50,754,600 | 25,981,800 | 383,221,100 |

REVENUE BY RATE INCREMENT

| | | BILLS | GALLONS | RATE | REVENUE |
|----------|--------|--------|-------------|-------------|--------------|
| FIRST | 2,000 | 77,622 | 130,149,200 | \$ 22.00 | \$ 1,707,684 |
| NEXT | 8,000 | | 176,335,500 | 5.90 | 1,040,379 |
| NEXT | 20,000 | | 50,754,600 | 4.80 | 243,622 |
| ALL OVER | 30,000 | | 25,981,800 | 3.80 | 98,731 |
| Т | OTAL | 77,622 | 383,221,100 | | \$ 3,090,416 |

5/8 x 3/4" COMMERCIAL METERS

| | | | | FIRST | NEXT | NEXT | ALL OVER | |
|----------|--------|-------|------------|-----------|-----------|-----------|-----------|------------|
| | USAGE | BILLS | GALLONS | 2,000 | 8,000 | 20,000 | 30,000 | TOTAL |
| FIRST | 2,000 | 1,325 | 646,800 | 646,800 | - | - | - | 646,800 |
| NEXT | 8,000 | 684 | 3,543,100 | 1,368,000 | 2,175,100 | - | - | 3,543,100 |
| NEXT | 20,000 | 209 | 3,569,800 | 418,000 | 1,672,000 | 1,479,800 | - | 3,569,800 |
| ALL OVER | 30,000 | 72 | 5,526,600 | 144,000 | 576,000 | 1,440,000 | 3,366,600 | 5,526,600 |
| _ | | 2,290 | 13,286,300 | 2,576,800 | 4,423,100 | 2,919,800 | 3,366,600 | 13,286,300 |

REVENUE BY RATE INCREMENT

| | | BILLS | GALLONS | RATE | R | EVENUE |
|----------|--------|-------|------------|-------------|----|---------|
| FIRST | 2,000 | 2,290 | 2,576,800 | \$ 22.00 | \$ | 50,380 |
| NEXT | 8,000 | | 4,423,100 | 5.90 | | 26,096 |
| NEXT | 20,000 | | 2,919,800 | 4.80 | | 14,015 |
| ALL OVER | 30,000 | | 3,366,600 | 3.80 | | 12,793 |
| Т | OTAL | 2,290 | 13,286,300 | | \$ | 103,284 |

<u>1" RESIDENTIAL METERS</u>

| | | | | FIRST | NEXT | NEXT | ALL OVER | |
|----------|--------|-------|------------|-----------|-----------|-----------|-----------|------------|
| | USAGE | BILLS | GALLONS | 5,000 | 5,000 | 20,000 | 30,000 | TOTAL |
| FIRST | 5,000 | 363 | 871,800 | 871,800 | - | - | - | 871,800 |
| NEXT | 5,000 | 182 | 1,350,300 | 910,000 | 440,300 | - | - | 1,350,300 |
| NEXT | 20,000 | 173 | 3,276,100 | 865,000 | 865,000 | 1,546,100 | - | 3,276,100 |
| ALL OVER | 30,000 | 97 | 10,819,300 | 485,000 | 485,000 | 1,940,000 | 7,909,300 | 10,819,300 |
| | | 815 | 16,317,500 | 3,131,800 | 1,790,300 | 3,486,100 | 7,909,300 | 16,317,500 |

REVENUE BY RATE INCREMENT

| | | BILLS | GALLONS | RATE | R | EVENUE |
|----------|--------|-------|------------|-------------|----|--------|
| FIRST | 5,000 | 815 | 3,131,800 | \$ 39.70 | \$ | 32,356 |
| NEXT | 5,000 | | 1,790,300 | 5.90 | | 10,563 |
| NEXT | 20,000 | | 3,486,100 | 4.80 | | 16,733 |
| ALL OVER | 30,000 | | 7,909,300 | 3.80 | | 30,055 |
| Т | OTAL | 815 | 16,317,500 | | \$ | 89,707 |

<u>1" COMMERCIAL METERS</u>

| | | | | FIRST | NEXT | NEXT | ALL OVER | |
|----------|--------|-------|------------|---------|-----------|-----------|------------|------------|
| | USAGE | BILLS | GALLONS | 5,000 | 5,000 | 20,000 | 30,000 | TOTAL |
| FIRST | 5,000 | 241 | 398,600 | 398,600 | - | - | - | 398,600 |
| NEXT | 5,000 | 48 | 359,400 | 96,000 | 263,400 | - | - | 359,400 |
| NEXT | 20,000 | 69 | 1,281,600 | 138,000 | 552,000 | 591,600 | - | 1,281,600 |
| ALL OVER | 30,000 | 128 | 14,522,100 | 256,000 | 1,024,000 | 2,560,000 | 10,682,100 | 14,522,100 |
| _ | | 486 | 16,561,700 | 888,600 | 1,839,400 | 3,151,600 | 10,682,100 | 16,561,700 |

REVENUE BY RATE INCREMENT

| | | BILLS | GALLONS | RATE | RI | EVENUE |
|----------|--------|-------|------------|-------------|----|--------|
| FIRST | 5,000 | 486 | 888,600 | \$ 39.70 | \$ | 19,294 |
| NEXT | 5,000 | | 1,839,400 | 5.90 | | 10,852 |
| NEXT | 20,000 | | 3,151,600 | 4.80 | | 15,128 |
| ALL OVER | 30,000 | | 10,682,100 | 3.80 | | 40,592 |
| Т | OTAL | 486 | 16,561,700 | | \$ | 85,866 |

<u>2" RESIDENTIAL METERS</u>

| | | | | FIRST | NEXT | ALL OVER | |
|----------|--------|-------|-----------|---------|---------|----------|-----------|
| | USAGE | BILLS | GALLONS | 15,000 | 15,000 | 30,000 | TOTAL |
| FIRST | 15,000 | 7 | 13,500 | 13,500 | - | - | 13,500 |
| NEXT | 15,000 | 4 | 96,000 | 60,000 | 36,000 | - | 96,000 |
| ALL OVER | 30,000 | 20 | 1,215,900 | 300,000 | 300,000 | 615,900 | 1,215,900 |
| _ | | 31 | 1,325,400 | 373,500 | 336,000 | 615,900 | 1,325,400 |

REVENUE BY RATE INCREMENT

| | | BILLS | GALLONS | RATE | R | EVENUE |
|----------|--------|-------|-----------|-------------|----|--------|
| FIRST | 15,000 | 31 | 373,500 | \$ 93.20 | \$ | 2,889 |
| NEXT | 15,000 | | 336,000 | 4.80 | | 1,613 |
| ALL OVER | 30,000 | | 615,900 | 3.80 | | 2,340 |
| Т | OTAL | 31 | 1,325,400 | | \$ | 6,842 |

2" COMMERCIAL METERS

| 001111011011 | <u> </u> | | | | | | |
|--------------|----------|-------|------------|-----------|-----------|------------|------------|
| | | | | FIRST | NEXT | ALL OVER | |
| | USAGE | BILLS | GALLONS | 15,000 | 15,000 | 30,000 | TOTAL |
| FIRST | 15,000 | 99 | 443,200 | 443,200 | - | - | 443,200 |
| NEXT | 15,000 | 41 | 965,400 | 615,000 | 350,400 | - | 965,400 |
| ALL OVER | 30,000 | 165 | 22,671,400 | 2,475,000 | 2,475,000 | 17,721,400 | 22,671,400 |
| | | 305 | 24,080,000 | 3,533,200 | 2,825,400 | 17,721,400 | 24,080,000 |

REVENUE BY RATE INCREMENT

| | | BILLS | GALLONS | RATE | R | EVENUE |
|----------|--------|-------|------------|-------------|----|---------|
| FIRST | 15,000 | 305 | 3,533,200 | \$ 93.20 | \$ | 28,426 |
| NEXT | 15,000 | | 2,825,400 | 4.80 | | 13,562 |
| ALL OVER | 30,000 | | 17,721,400 | 3.80 | | 67,341 |
| Т | OTAL | 305 | 24,080,000 | | \$ | 109,329 |

TOTAL ANNUAL GALLONS 81,549 454,792,000

TOTAL ANNUAL RETAIL SALES REVENUE

\$ 3,485,446

EXISTING AND PROPOSED RATES

Green River Valley Water District July 17, 2019

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Rates updated based on total project cost of \$11,625,000 (\$3,487,500 grant & \$8,137,500 loan)

| | | M | inimum Bills | Base | d on Mete | er Size | |
|----------------|--|--|---|------------------------------|---|--|---|
| | | | | Gal | ls. incl'd. | Mi | <u>nimum</u> |
| | <u> </u> | <u>Meter Size</u> | | <u>in N</u> | <u>/linimum</u> | <u>Mor</u> | <u>nthly Bill</u> |
| | ! | 5/8 x 3/4 in | ch | | 2,000 | \$ | 17.21 |
| | : | 1 inch | | | 5,000 | | 31.34 |
| | - | 1-1/2 inch | | | 10,000 | | 54.89 |
| | | 2 inch | | | 16,000 | | 78.47 |
| | | Rates fo | or Water Usa | ge in / | Addition t | <u>o Mini</u> | mum |
| | <u>No. of G</u> | iallons per N | <u>Ionth</u> | | | | |
| | First | 2,000 | Gallons @ | \$ | 17.21 | L.S. N | /linimum |
| | Next | 8,000 | Gallons @ | | 4.71 | per 1 | ,000 Gallons |
| | Next | 10,000 | Gallons @ | | 3.93 | per 1 | ,000 Gallons |
| | Next | 30,000 | Gallons @ | | 3.39 | per 1 | ,000 Gallons |
| | Next | 50,000 | Gallons @ | | 3.06 | per 1 | ,000 Gallons |
| | Over | 100,000 | Gallons @ | | 2.96 | per 1 | ,000 Gallons |
| | Wholes | ale Custom | iers | \$ | 2.14 | per 1 | ,000 Gallons |
| | | | | | | | |
| | Date Th | nis Rate We | nt Into Effec | t | <u>N</u> | ovem | <u>ber 5, 2010</u> |
| <u>PROPOSE</u> | | | nt Into Effec er bid open | | <u>N</u> | oveml | <u>ber 5, 2010</u> |
| <u>PROPOSE</u> | | RATES (aft | | ing) | _ | | <u>ber 5, 2010</u> |
| <u>PROPOSE</u> | | RATES (aft | er bid open | ing) Based | _ | er Size | <u>ber 5, 2010</u> <u>nimum</u> |
| <u>PROPOSE</u> | <u>D WATER</u> | RATES (aft | er bid open | ing) Based Gal | d on Mete | er Size <u>Mi</u> | <u>nimum</u> |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>RATES (aft</u> <u>M</u> | <u>er bid open</u> inimum Bills | ing) Based Gal | <mark>d on Mete</mark> ls. incl'd. | er Size <u>Mir</u> Mor | <u>nimum</u> hthly Bill |
| <u>PROPOSE</u> | D WATER | <u>RATES (aft</u> <u>M</u> Meter Size | <u>er bid open</u> inimum Bills | ing) Based Gal | <mark>d on Mete</mark> Is. incl'd. Ainimum | er Size <u>Mir</u> Mor | <u>nimum</u> hthly Bill |
| <u>PROPOSE</u> | <u>D WATER</u> | RATES (aft <u>M</u> Meter Size 5/8 x 3/4 in | <u>er bid open</u> inimum Bills | ing) Based Gal | <mark>d on Mete</mark> l <u>s. incl'd.</u> /inimum 2,000 | er Size <u>Mir</u> Mor | <u>nimum</u> <u>nthly Bill</u> 22.10 |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>RATES (aft</u> <u>M</u> <u>Meter Size</u> 5/8 x 3/4 in 1 inch | <u>er bid open</u> inimum Bills | ing) Based Gal | <u>d on Mete</u> Is. incl'd. <u>/linimum</u> 2,000 5,000 | er Size <u>Mir</u> Mor | <u>nimum</u> 1 <u>thly Bill</u> 22.10 39.95 |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>RATES (aft</u> <u>M</u> <u>Meter Size</u> 5/8 x 3/4 in 1 inch 1-1/2 inch 2 inch | <u>er bid open</u> inimum Bills | ing) Based Gal | <u>d on Mete</u> I <u>s. incl'd.</u> <u>/inimum</u> 2,000 5,000 10,000 15,000 | er Size Mii Mor \$ | <u>nimum</u> <u>hthly Bill</u> 22.10 39.95 69.70 93.95 |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>RATES (aft</u> <u>M</u> <u>Meter Size</u> 5/8 x 3/4 in 1 inch 1-1/2 inch 2 inch | er bid open inimum Bills ch or Water Usag | ing) Based Gal | <u>d on Mete</u> I <u>s. incl'd.</u> <u>/inimum</u> 2,000 5,000 10,000 15,000 | er Size Mii Mor \$ | <u>nimum</u> <u>nthly Bill</u> 22.10 39.95 69.70 93.95 |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>Meter Size</u> 5/8 x 3/4 in 1 inch 1-1/2 inch 2 inch <u>Rates fo</u> allons per M | er bid open inimum Bills ch or Water Usag | ing) Based Gal in N | <u>d on Mete</u> I <u>s. incl'd.</u> <u>/inimum</u> 2,000 5,000 10,000 15,000 Addition t | er Size <u>Mir</u> Mor \$:o Mini | <u>nimum</u> <u>nthly Bill</u> 22.10 39.95 69.70 93.95 |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>RATES (aft</u> <u>M</u> <u>Meter Size</u> 5/8 x 3/4 in 1 inch 1 inch 1 -1/2 inch 2 inch <u>Rates fo</u> iallons per N 2,000 | er bid open inimum Bills ch or Water Usag <u>ionth</u> | ing) Based Gal in N | <u>d on Mete</u> <u>Is. incl'd.</u> <u>Ainimum</u> 2,000 5,000 10,000 15,000 Addition t | er Size <u>Min</u> S So Mini | nimum hthly Bill 22.10 39.95 69.70 93.95 |
| <u>PROPOSE</u> | <u>D WATER</u> | <u>RATES (aft</u> <u>M</u> <u>Meter Size</u> 5/8 x 3/4 in 1 inch 1-1/2 inch 2 inch <u>Rates fo</u> iallons per <u>N</u> 2,000 8,000 | er bid open inimum Bills ch ch <u>or Water Usa</u> <u>ionth</u> Gallons @ | ing) Based Gal in N | <u>d on Mete</u> l <u>s. incl'd.</u> <u>/linimum</u> 2,000 5,000 10,000 15,000 Addition t 22.10 5.95 | er Size <u>Min</u> S So Mini L.S. N per 1 | nimum 22.10 39.95 69.70 93.95 mum Ainimum |
| <u>PROPOSE</u> | <u>D WATER</u> <u>I</u> <u>No. of G</u> First Next | <u>RATES (aft</u> <u>M</u> <u>Meter Size</u> 5/8 x 3/4 in 1 inch 1-1/2 inch 2 inch <u>Rates fo</u> iallons per N 2,000 8,000 20,000 | er bid open inimum Bills ch ch <u>or Water Usag</u> <u>lonth</u> Gallons @ Gallons @ | ing) Based Gal in N | <u>d on Mete</u> <u>ls. incl'd.</u> <u>Ainimum</u> 2,000 5,000 10,000 15,000 Addition t 22.10 5.95 4.85 | er Size <u>Min</u> S S Co Mini L.S. N per 1 per 1 | nimum hthly Bill 22.10 39.95 69.70 93.95 mum /inimum ,000 Gallons |