



August 16, 2005

Mr. Kevin Shaw
 Grayson County Water District
 113 S. Lee Avenue
 Leitchfield, Kentucky 42755

Re: Final Engineering Report
 Project 15

Dear Mr. Shaw:

As you are aware, the above referenced project was bid July 19, 2005. The low bidder for Contract I was Pittsburg Tank and Tower Co., Elevated Division, Inc. from Sebree, KY with a bid of \$708,700. The low bidder for Contract II was All-State Tank Co. from Grove, OK with a bid of \$97,450. The low bidder for Contract III was Pittsburg Tank and Tower Co., Elevated Division, Inc. from Sebree, KY with a bid of \$307,100. The low bidder for Contract IV was Horsley Construction Inc. from Hudson, KY with a bid of \$629,279.24. Attached please find a copy of the bid tabulations for each contract.

As a result of All-State Tank Co. having an unreasonable bid and subsequent phone conversations requesting the removal of their bid, we recommend the next lowest responsive bidder, which was Laurel Construction Co., Inc. from London, KY with a bid of \$396,000. Using the bid from Laurel Construction Co., Inc., the project budget is as follows:

| Project Budget | Letter of Conditions | Current (As Bid) |
|---|----------------------|--------------------|
| Development | \$1,660,000 | \$2,041,080 |
| Land and Rights | \$30,000 | \$8,500 |
| Legal and Administrative | \$20,000 | \$10,000 |
| Engineering and Inspection | \$240,000 | \$249,215 |
| Interest During Construction | \$20,000 | \$20,000 |
| Contingencies | \$130,000 | \$108,305 |
| Other (PE Report, Geotech, Surveying, Archeological, Environmental, etc.) | \$0 | \$32,900 |
| SCADA System work done by GCWD | \$0 | \$30,000 |
| Total Project Cost | \$2,100,000 | \$2,500,000 |

Based upon the letter of conditions from Rural Development and the letter of commitment from The Kentucky Infrastructure Authority, the proposed funding for the above project cost is as follows:

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PUBLIC SERVICE
COMMISSION

| Proposed Funding Source | Letter of Conditions | Amount |
|-----------------------------------|----------------------|-------------|
| Grayson County Water Contribution | \$100,000 | \$100,000 |
| RUS Loan | \$1,350,000 | \$1,350,000 |
| RUS Grant | \$650,000 | \$650,000 |
| KIA Tobacco Development Fund | \$0* | \$400,000* |
| Total Project Cost | \$2,100,000 | \$2,500,000 |

* KIA TDF money was acquired after the letter of conditions had been issued

As you are aware, the Public Service Commission recently approved a rate change for the Grayson County Water District. This rate increase is different than the rates included in the letter of conditions from Rural Development. However, despite the rate structures being slightly different, it appears that both will generate approximately the same revenue for the water district. So, with the bid from All-State Tank Co. withdrawn it appears that the project can be completed within the available funds with the new rate structure. Pittsburg Tank and Tower, Co., Elevated Division, Inc.; Laurel Construction, Inc.; and Horsley Construction, Inc. all have excellent reputations and we recommend that all four contracts be approved and allowed to go forward. If you have any questions or need anything, please contact our office.

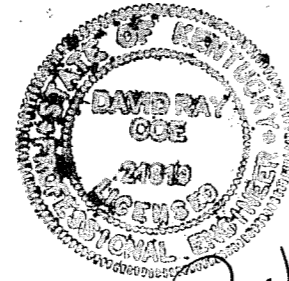
Sincerely,
CANN-TECH, LLC



Matthew Baker, EIT
Project Engineer

Enclosures

CC: Linda Cooper, Rural Development
Julie Anderson, Rural Development
Randy Jones, Rubin and Hays
Jonathan Dixon, Pittsburg Tank and Tower Co.
Delmas Philpot, Laurel Construction, Inc.
John Horsley, Horsley Construction, Inc.
All Bidding Contractors – Bid Tabulation Only



David Ray Oge
8/16/05

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UNITED STATES OF AMERICA

**PRELIMINARY ENGINEERING REPORT
PROJECT 15 - WATER STORAGE TANKS**

Prepared For

**GRAYSON COUNTY WATER DISTRICT
113 South Lee Avenue
P.O. Box 217
Leitchfield, Kentucky 42744-0217
Phone (270) 259-2917**

Prepared By:



*David Ray Coe
8/17/05*



**201 South Main Street
Lawrenceburg, Kentucky 40342
Phone (502) 859-0907
Fax (502) 859-5580**

October 2003

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APPENDIX A

Project Maps

I. Introduction

The Grayson County Water District is a water utility controlled by five board members. These board members control the Water District by voting on issues concerning the District at their monthly meeting. The District is regulated by the Kentucky Division of Water (DOW) and the Public Service Commission (PSC).

Through the proposed Project 15, the District will construct three new water storage tanks and two new booster pump stations. The tanks will be located in the Western, Northern and Central areas of Grayson County. These tanks are needed to accommodate a fast growing system by providing adequate flows and pressures in the system.

II. Existing Water System

The Grayson County Water District (GCWD) operates a water distribution system that is classified by the Division of Water as Class III-D. This classification means that the system serves a population of at least 15,000 but not more than 50,000.

The original portion of the GCWD system was constructed in the early 1970's and initially served approximately 270 customers. The distribution system has continued to grow and now serves approximately 5,796 customers through approximately 475 miles of water main ranging in size from 2-inch through 16-inch diameter. The GCWD also has six (6) water storage tanks with a combined storage capacity of 1,139,000 gallons.

The Grayson County Water District has recently completed construction of projects 12, 13 & 14. Project 12 was funded in part by a Rural Development Grant / Loan.

The GCWD currently purchases potable water from the City of Leitchfield and produces water at their recently constructed water treatment plant. This allows the water district ample supply of water and greatly increases the flexibility of the water district.

The GCWD takes great pride in its ability to supply quality water to its customers and is continually trying to extend its service to rural areas and provide safe potable water to the residents. The three tanks that are proposed will enhance the water service to all of their customers.

III. The Proposed Project

As previously stated the GCWD has aggressively extended water lines in all areas of the county over the past 5 years. Through these extensions and customer growth it has become increasingly difficult to provide adequate pressures and flows to the customers. Therefore, the GCWD is in need of constructing three water storage tanks. The tanks will be located in the Western, Northern and Central areas of Grayson County. The tank on the Western end of the county will be a 500,000 gallon ground storage tank which will be located just off Highway 736 (Lone Hill Road) and will require a pump station. The tank located in the Northern area will be a 100,000 elevated tank which will be located just off Highway 259. The tank in the Central area of the county will be a 500,000 gallon elevated tank which will be located just off Shaw Station Road. For the purpose of this report the tanks will be identified as the Lone Hill tank, the 259 North tank and the Industrial Park tank respectively. The Lone Hill tank will obviously serve the western end of the county where tremendous growth has occurred. In addition to increased residential growth this tank will also serve the Rough River State Park (RRSP) and a proposed large development in the Falls of Rough Area. Upon completion of construction this tank will provide fire protection to the state park, allowing GCWD to pick up a fairly large customer and allow the state park to eliminate an old water treatment plant. The 259 North tank will serve an area of the county that has experienced a smaller amount of residential growth and an area that needs additional flow. There is a Bypass Highway under construction in the area and this expected to increase the residential growth in this area as well. The Industrial Park tank will be located just east of Leitchfield and will provide water to a planned Industrial Park and new school as well as water supply to the Clarkson and Big Clifty areas of the county.

IV. Cost Summary

TABLE 1 - BREAKDOWN OF CONSTRUCTION COSTS

LONE HILL TANK

| Item | Quantity | Unit Price | Total |
|--|-----------|---------------|------------------|
| 500,000 Gallon Ground Storage Tank | 1 | 325,000 \$/ea | \$325,000 |
| Replace 22,450ft of 6" w/8" | 22,500 ft | 8 \$/ft | \$180,000 |
| Replace 3,500ft of 4" w/8" | 3,500 ft | 8 \$/ft | \$28,000 |
| Run 4,120 ft of 8" (new) | 4,125 ft | 8 \$/ft | \$33,000 |
| 12" Steel Casing, Bore & Jack(3) | 150 ft | 40 \$/ft | \$6,000 |
| 8" Gate Valves | 20 | 450 \$/ea | \$9,000 |
| 3 Nozzle Fire Hydrant | 2 | 1,500 \$/ea | \$3,000 |
| Air Release Valve | 3 | 450 \$/ft | \$1,200 |
| 8" Creek Crossing | 100 ft | 50 \$/ft | \$5,000 |
| Miscellaneous (Concrete, Gravel, Etc.) | 1 | 6,800 \$/ea | \$6,800 |
| Connection to Existing Water Line | 1 | 1,000 \$/ea | \$3,000 |
| Booster Pump Station | 1 | 80,000\$/ea | \$80,000 |
| SCADA System | 1 | 20,000 \$/ea | \$20,000 |
| Total | | | \$700,000 |

259 NORTH TANK

| Item | Quantity | Unit Price | Total |
|--------------------------------------|----------|---------------|------------------|
| 100,000 Gallon Elevated Storage Tank | 1 | 240,000 \$/ea | \$240,000 |
| 6" Water Line | 5,000 ft | 6.00 \$/ft | \$30,000 |
| SCADA System | 1 | 20,000 \$/ea | \$20,000 |
| Altitude Valve | 1 | 10,000 \$/ea | \$10,000 |
| Total | | | \$300,000 |

INDUSTRIAL PARK TANK

| Item | Quantity | Unit Price | Total |
|--------------------------------------|----------|---------------|------------------|
| 500,000 Gallon Elevated Storage Tank | 1 | 600,000 \$/ea | \$600,000 |
| Control Valve | 1 | 20,000 \$/ea | \$20,000 |
| SCADA System | 1 | 20,000 \$/ea | \$20,000 |
| Altitude Valve | 1 | 10,000 \$ ea | \$10,000 |
| Total Cost | | | \$650,000 |

| | |
|--------------------------------|--------------------|
| Total Construction Cost | \$1,650,000 |
|--------------------------------|--------------------|

TABLE 2 - ESTIMATED PROJECT COST

| | |
|--|--------------------|
| Construction Cost | \$1,650,000 |
| Contingencies | 150,000 |
| Engineering | 120,000 |
| Inspection | 60,000 |
| Legal and Administrative | 20,000 |
| Miscellaneous (PE Report, Arch., PSC, Env., Surveying, Geo-Tech) | 50,000 |
| Land and/or Rights | 30,000 |
| <u>Interest During Construction</u> | <u>20,000</u> |
| TOTAL ESTIMATED PROJECT COST | \$2,100,000 |

V. FUNDING

Proposed funding for this project is being made available as shown in Table 3.

TABLE 3 - FUNDING SOURCES

| | |
|---------------------------|--------------------|
| Rural Development Grant | \$950,000 |
| Rural Development Loan | \$1,050,000 |
| <u>Local Contribution</u> | <u>\$100,000</u> |
| TOTAL FUNDING | \$2,100,000 |

VI. Rate Analysis

The Grayson County Water District is in the process of conducting a detailed rate analysis of the system. The water district will certainly consider this project when conducting the rate analysis. For the purpose of this report we will defer the financial information until the study is complete. At that time the information will be provided in the form of the summary addendum. Of course debt repayment, operation and maintenance, and coverage will be considered.

VII. Recommendation

It is recommended that the project be funded by a Rural Development Loan and Grant and a letter of conditions be issued as soon as possible.

Based upon the rate study being conducted a rate will be proposed that will allow the GCWD to construct the proposed project. They will be able to meet all current and proposed debts and expenses, and still have a surplus of funds.

**APPENDIX A
PROJECTS MAPS**

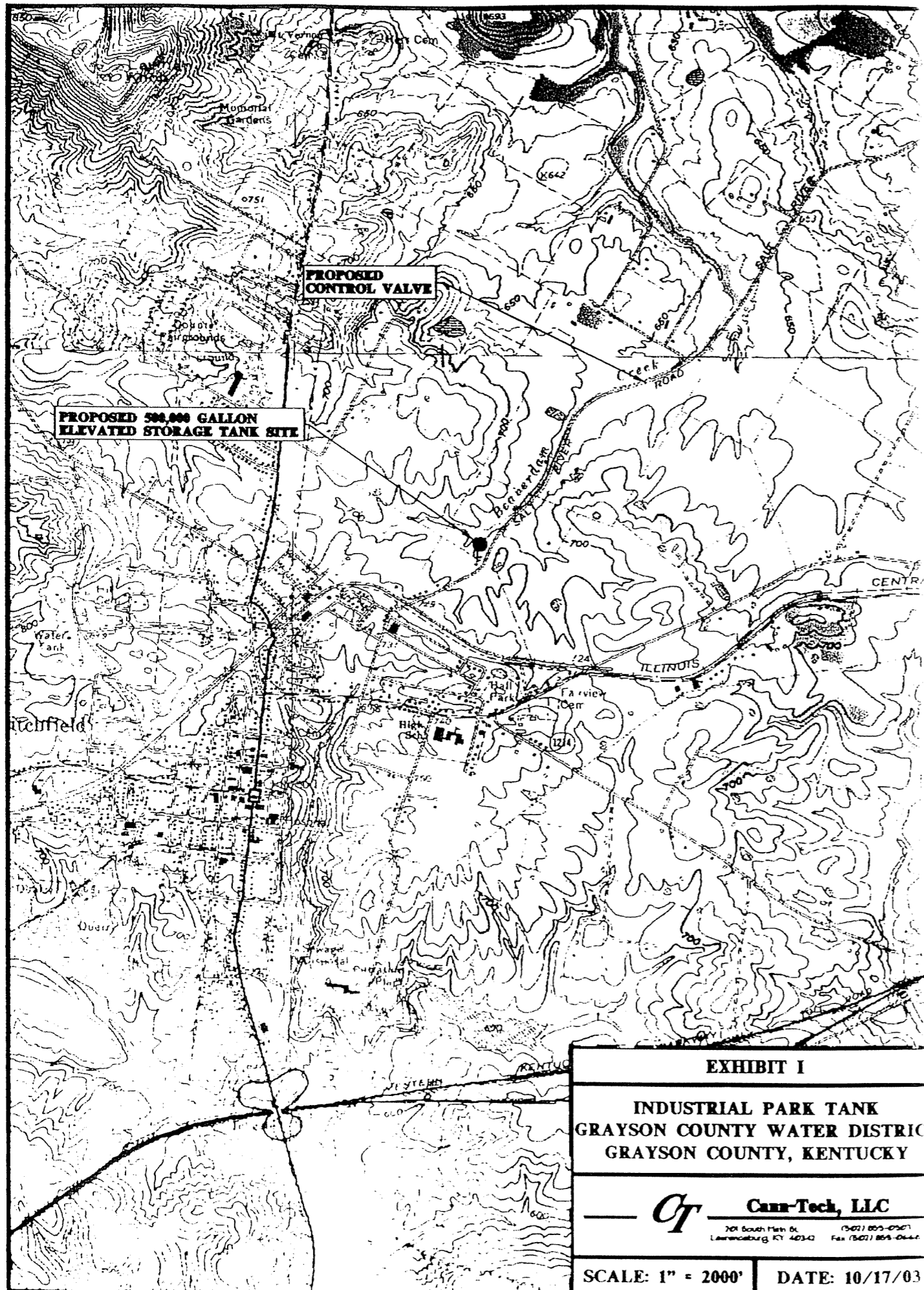


EXHIBIT I

**INDUSTRIAL PARK TANK
GRAYSON COUNTY WATER DISTRICT
GRAYSON COUNTY, KENTUCKY**



Cann-Tech, LLC

701 South Main St. (502) 855-0767
Lawrenceburg, KY 40342 Fax (502) 855-0444

SCALE: 1" = 2000'

DATE: 10/17/03

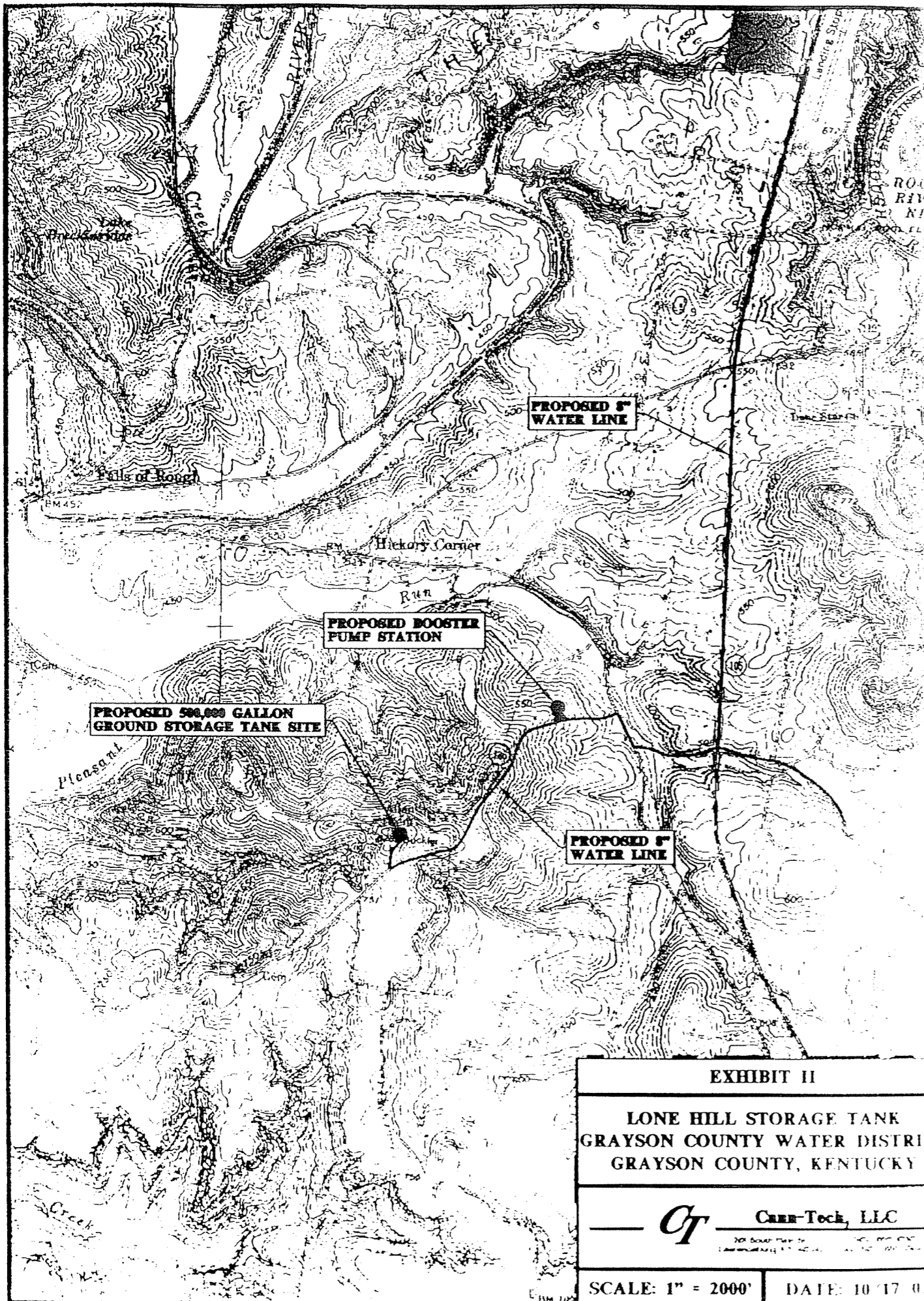


EXHIBIT II

LONE HILL STORAGE TANK
 GRAYSON COUNTY WATER DISTRICT
 GRAYSON COUNTY, KENTUCKY

CT CREB-Tech, LLC

SCALE: 1" = 2000'

DATE: 10/17/03

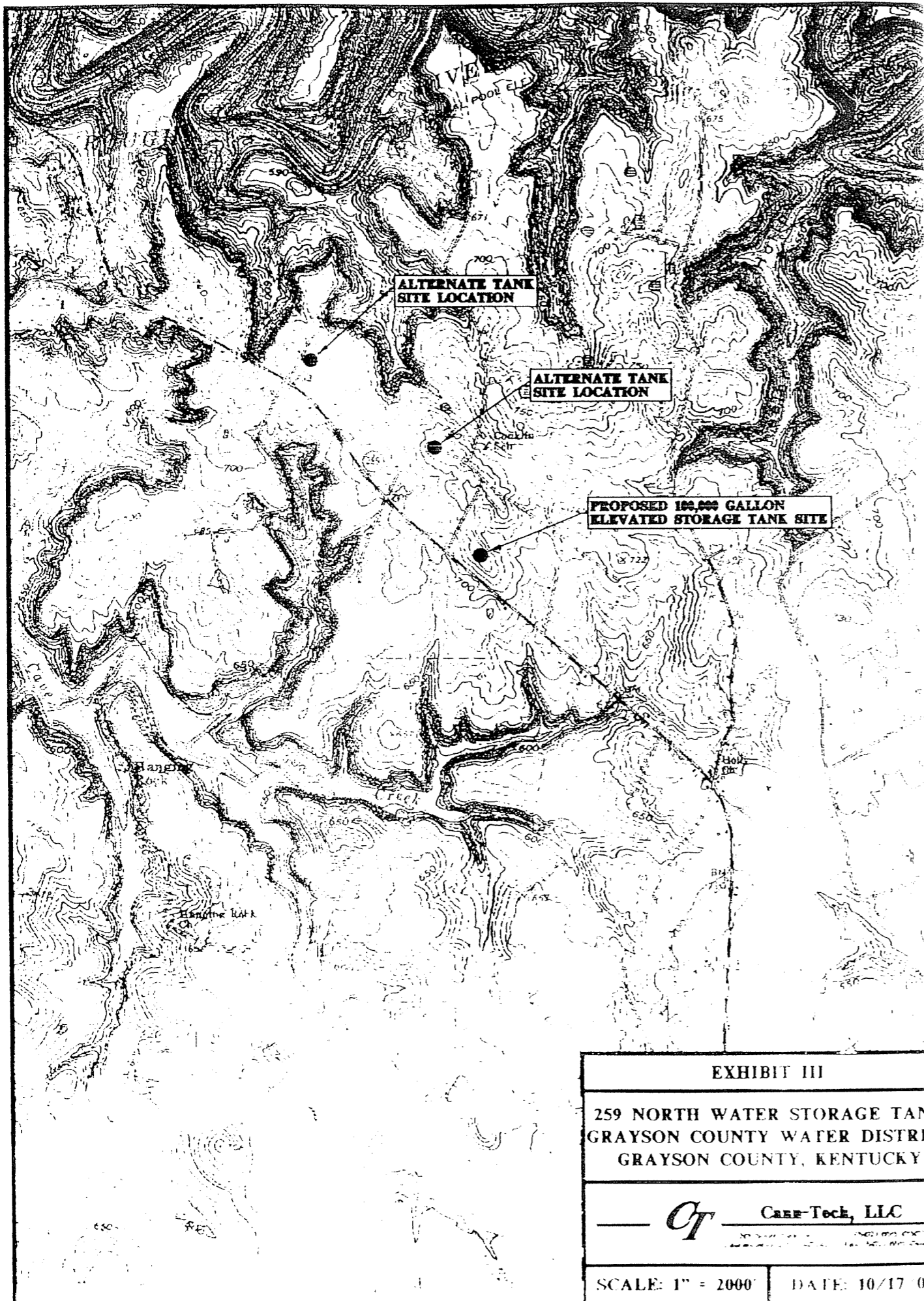


EXHIBIT III

259 NORTH WATER STORAGE TANK
GRAYSON COUNTY WATER DISTRICT
GRAYSON COUNTY, KENTUCKY

 Creef-Tock, LLC

SCALE: 1" = 2000'

DATE: 10/17/03

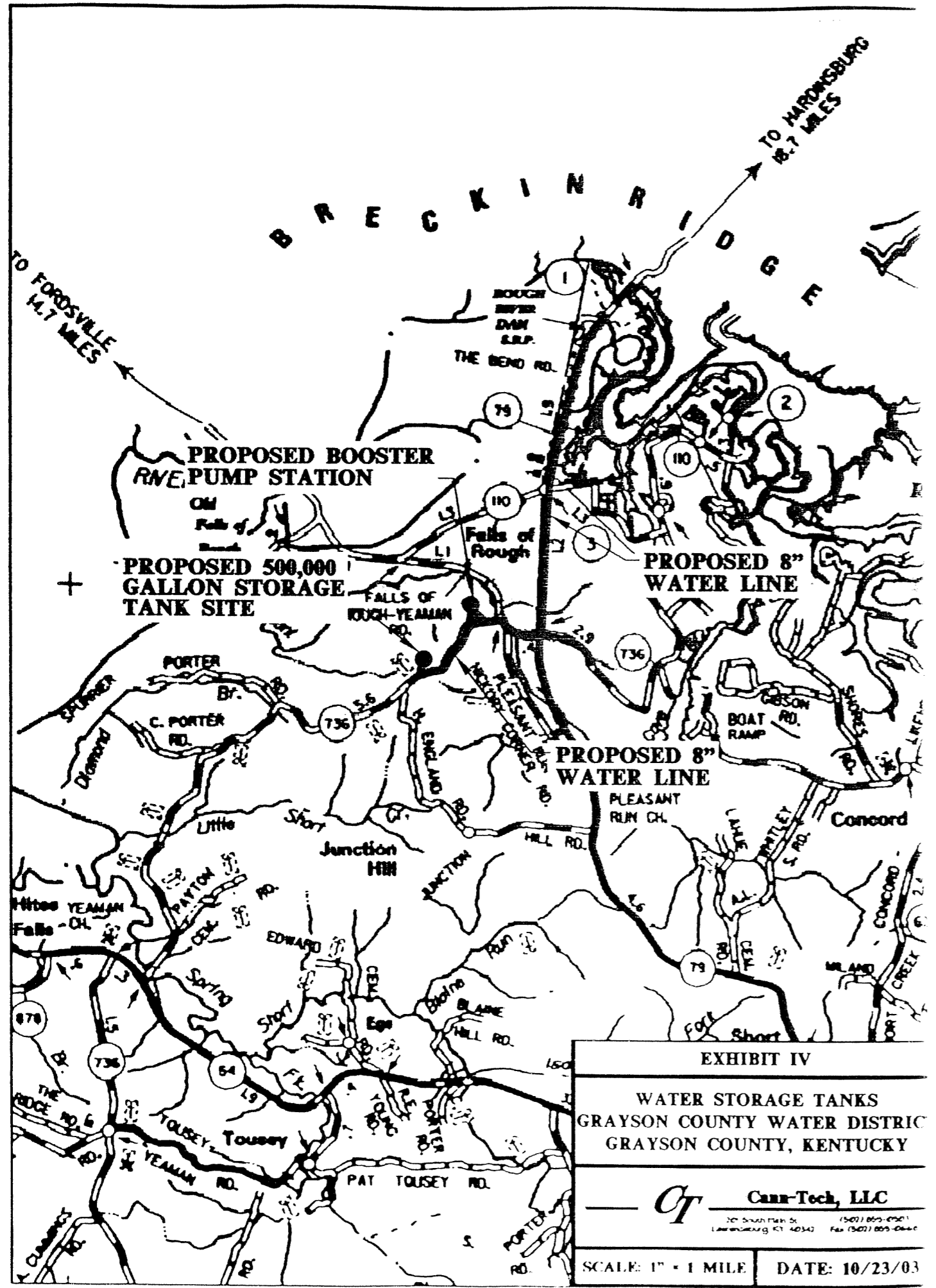



EXHIBIT IV

WATER STORAGE TANKS
GRAYSON COUNTY WATER DISTRICT
GRAYSON COUNTY, KENTUCKY

 **Cann-Tech, LLC**
201 South Main St. (502) 609-0501
 Lawrenceburg, KY 40342 Fax (502) 609-0440

SCALE: 1" = 1 MILE DATE: 10/23/03

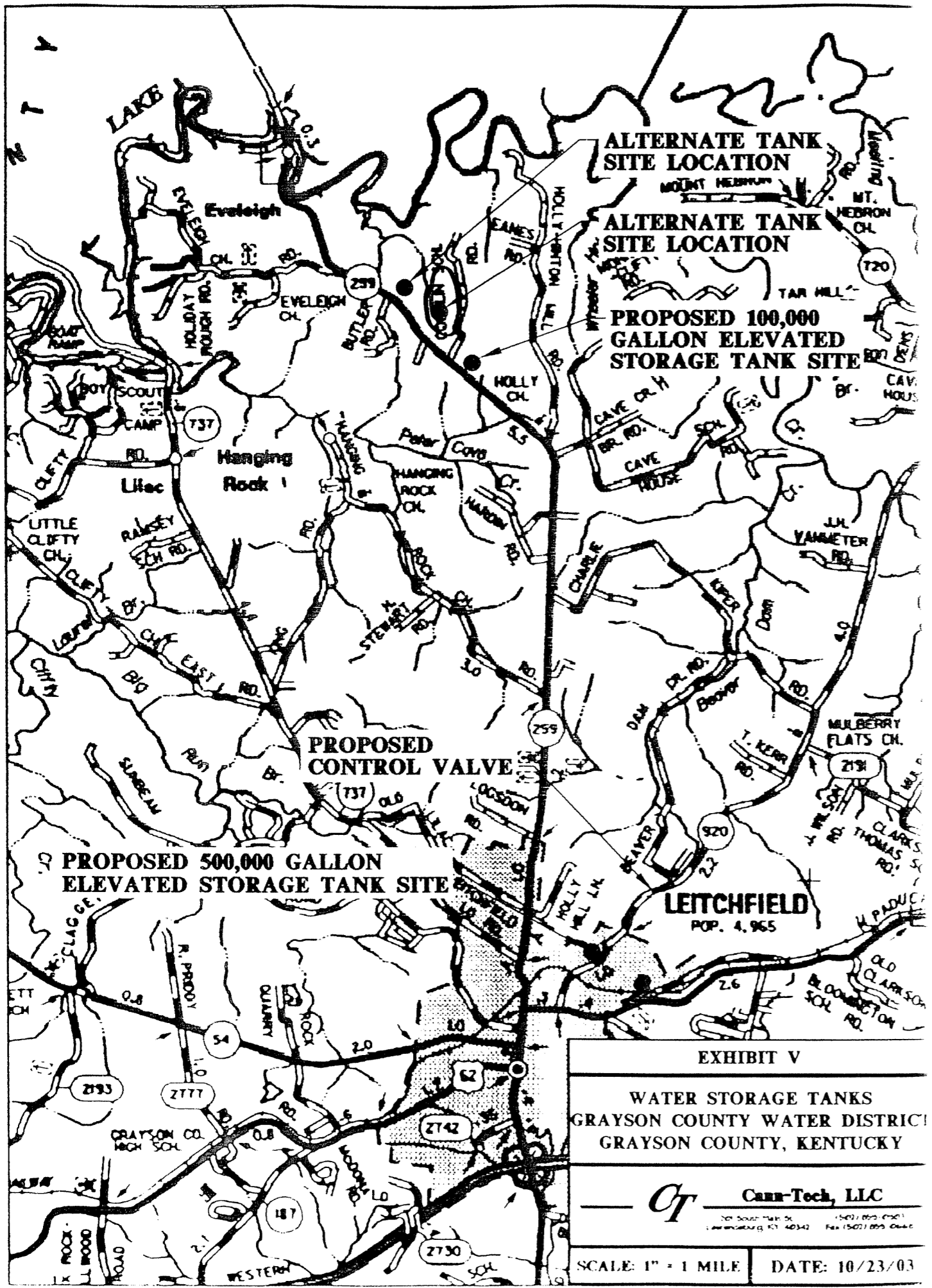



EXHIBIT V

WATER STORAGE TANKS
GRAYSON COUNTY WATER DISTRICT
GRAYSON COUNTY, KENTUCKY

 **Cann-Tech, LLC**
201 South Main St. (502) 859-0901
Leitchfield, KY 40342 Fax (502) 859-0906

SCALE: 1" = 1 MILE DATE: 10/23/03

SUMMARY ADDENDUM
TO
PRELIMINARY ENGINEERING REPORT
DATED OCTOBER 2003
FOR
GRAYSON COUNTY WATER DISTRICT

APPLICANT CONTACT PERSON: Mr. Kevin Shaw

APPLICANT PHONE NUMBER: (270) 259-2917

APPLICANT TAX IDENTIFICATION NUMBER (TIN): 61-1038814

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 both be taken as security for the loan, all user information and characteristics of both utility systems will be needed even though the project will benefit only one utility.

Feasibility reviews and grant determinations 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. GENERAL

- 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.

See the Preliminary Engineering Report titled PROJECT 15 – WATER STORAGE TANKS OCTOBER 2003

II. FACILITY CHARACTERISTICS OF EXISTING SEWER SYSTEM

NOT APPLICABLE

- A. Sewage Treatment
1. Type
 2. Method of Sludge Disposal
 3. Cost per 1,000 gallons if 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
1. Lineal Feet of Collector Lines (by size)
 - 6":
 - 8":
 - 10":
 - 12":
 - Larger:
 2. 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.

Grayson County Water District withdraws water from Rough River Lake and treats the water in their 1.5 million gallon per day treatment plant. The plant was placed into service in July 2002 and currently operates at approximately 800,000 gallons per day. Grayson County Water District also buys water from The City of Leitchfield; currently, both parties are undergoing an evaluation of the wholesale rate but it appears it will be \$1.439 per thousand gallons.

If the applicant purchases water, list the Seller(s):

1. **City of Leitchfield**

Price per 1,000 gallons:

1. **\$1.439**

Present Estimated Market Value of Existing System: **approx. \$21,000,000**

B. Water Storage

1. Type

Ground Level Storage Tanks and Elevated Storage Tanks

- 2. Number of Storage Structures: **Six (6)**
- 3. Total Storage Volume Capacity: **1,139,000 Gallons**
- 4. Date(s) Storage Tank(s) Constructed: **1980,s, 1990's, 2000**

C. Water Distribution System

- 1. Pipe Material: **PVC and DIP (ductile iron)**
- 2. Lineal Feet of Pipe (by size)
 - 3": 59,251
 - 4": 1,183,101
 - 6": 734,728
 - 8": 107,740
 - 10": 5,943
 - 12": 8,792
- 3. Date(s) Water Lines Constructed: **70's, 80's, 90's, and 00's**
- 4. Number and Capacity of Pump Station(s): **Six (6)**

D. Condition of Existing Water System

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

The water treatment plant is less than two years old. The existing lines and tanks appear to be in good shape. No major renovations are expected in the next few years.

E. Percentage of Water Loss for the Existing System: approx. 11.5%

IV. EXISTING LONG-TERM INDEBTEDNESS

A. List of Bonds and Notes

| Date Issued | Bond/Note Holder | Principal Balance | Payment Date | Bond Type* | | Amount on Deposit in Reserve Account |
|-------------|------------------|-------------------|--------------|------------|--------|--------------------------------------|
| | | | | %Water | %Sewer | |
| 1995 | RD | 1,830,000 | 01/04 | 100 | 0 | |
| 1997 | RD | 1,414,000 | 01/04 | 100 | 0 | |
| 2000 | RD | 979,000 | 01/04 | 100 | 0 | |
| 2002 | RD | 567,000 | 01/04 | 100 | 0 | |
| 2002 | KIA | 3,765,955 | 12/03 | 100 | 0 | 49,000 |
| 2002 | KRW | 364,000 | 01/04 | 100 | 0 | |
| 2004 | KRW | 3,136,000 | 01/04 | 100 | 0 | |

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

B. Principal and Interest Payments (begin with the next fiscal year payment)

| Date Issued | Bond/Note Holder | Principal Payment 2005 | Interest Payment 2005 | Principal Payment 2006 | Interest Payment 2006 | Principal Payment 2007 | Interest Payment 2007 |
|--------------|------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
| 1995 | RD | 30,000 | 80,415 | 31,000 | 79,043 | 32,000 | 77,626 |
| 1997 | RD | 21,000 | 62,303 | 21,000 | 61,358 | 22,000 | 60,386 |
| 2000 | RD | 12,000 | 43,290 | 12,000 | 42,750 | 13,000 | 42,188 |
| 2002 | RD | 6,000 | 23,970 | 6,000 | 23,625 | 6,500 | 23,174 |
| 2002 | KIA | 170,912 | 64,000 | 173,912 | 60,709 | 177,149 | 57,763 |
| 2002 | KRW | 33,000 | 12,735 | 33,000 | 11,893 | 34,000 | 10,850 |
| 2004 | KRW | 41,268 | 111,462 | 42,754 | 109,976 | 44,276 | 108,499 |
| TOTAL | | 314,180 | 398,175 | 319,666 | 389,354 | 328,925 | 380,486 |

V. EXISTING SHORT-TERM INDEBTEDNESS

NOT APPLICABLE

A. List of all Short-Term Debts
(do not show any debt listed in Paragraph IV above)

| Lendor or Lessor | Date Issued | Principal Balance | Purpose (Water and/or Sewer) | Payment Date | Principal and Interest Payment (P&I) | Date to be Paid in Full |
|------------------|-------------|-------------------|------------------------------|--------------|--------------------------------------|-------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

VI. LAND AND RIGHTS – EXISTING SYSTEM(S)

Number of Treatment Plant Sites: Water **1** Sewer **NA**
 Number of Storage Tank Sites: Water **6** Sewer **NA**
 Number of Pump Stations: Water **6** Sewer **NA**
 Total Acreage: Water **8 acres** Sewer **NA acres**
 Purchase Price: Water **NA \$** Sewer **NA \$**

VII. NUMBER OF EXISTING USERS

| | Water | Sewer |
|--|--------------|-------|
| Residential (In Town)* | 0 | |
| Residential (Out of Town)* | 5,767 | |
| Non-Residential (In Town) | 0 | |
| Non-Residential (Out of Town) | 76 | |
| Total | 5843 | |
| Number to Total Potential Users Living in the Service Area | 7,000 | |

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

VIII. CURRENT WATER AND SEWER CONNECTION FEES
FOR EACH SIZE WATER METER CONNECTION

| Meter Size | Water Connection Fee | Sewer Connection Fee |
|----------------|-----------------------------|----------------------|
| 5/8" X 3/4" | \$ 450 | \$ NA |
| 1.0" | \$ 550 | \$ NA |
| 1.5" | \$ 1,150 | \$ NA |
| 2.0" | \$ 1,300 | \$ NA |
| 3.0" | \$ 4,000 | \$ NA |
| 4.0" | \$ 4,600 | \$ NA |
| 6.0" or larger | Actual cost of installation | \$ NA |

IX. SEWER RATES – EXISTING SYSTEM

NOT APPLICABLE

Percentage of Water Bill:

Minimum Charge: \$

Other (If the charge is not based on water bill):

Date this rate went into effect:

X. WATER RATES – EXISTING SYSTEM

Existing Rate Schedule

5/8 and 3/4 Inch Meter

| | | | |
|-------|---------|-----------|--------------------------|
| First | 1,500 | Gallons @ | \$12.75 minimum |
| Next | 8,500 | Gallons @ | \$5.64 per 1,000 Gallons |
| Next | 40,000 | Gallons @ | \$4.65 per 1,000 Gallons |
| Next | 100,000 | Gallons @ | \$3.88 per 1,000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1,000 Gallons |

Date this rate went into effect: **September 1997**

If more than one rate schedule, please include all schedules

3/4-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 3,000 | Gallons @ | \$21.66 minimum |
| Next | 7,000 | Gallons @ | \$5.64 per 1000 Gallons |
| Next | 40,000 | Gallons @ | \$4.65 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

1-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 5,000 | Gallons @ | \$33.41 minimum |
| Next | 5,000 | Gallons @ | \$5.64 per 1000 Gallons |
| Next | 40,000 | Gallons @ | \$4.65 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

1½-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 10,000 | Gallons @ | \$67.18 minimum |
| Next | 40,000 | Gallons @ | \$4.65 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

2-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 16,000 | Gallons @ | \$96.46 minimum |
| Next | 34,000 | Gallons @ | \$4.65 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

3-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 30,000 | Gallons @ | \$186.69 minimum |
| Next | 20,000 | Gallons @ | \$4.65 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

4-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 50,000 | Gallons @ | \$285.20 minimum |
| Next | 100,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

6-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 100,000 | Gallons @ | \$529.41 minimum |
| Next | 50,000 | Gallons @ | \$3.88 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.11 per 1000 Gallons |

8-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 160,000 | Gallons @ | \$800.95 minimum |
| Over | 160,000 | Gallons @ | \$3.11 per 1000 Gallons |

10-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 550,000 | Gallons @ | \$2,040.79 minimum |
| Over | 550,000 | Gallons @ | \$3.11 per 1000 Gallons |

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

NOT APPLICABLE

XII. Analysis of Actual Water Usage - Existing System

For the period, January 1, 2003 to December 31, 2003

Residential

| Monthly Usage Gallons | | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income |
|---|--------|-----------------------|--------------|-------------------|----------------|
| From | To | | | | |
| First 1,500 Gal. at \$127.53 minimum Next 8,500 Gal. at \$56.64 per Thousand Gallons. Next 40,000 Gal. at 22.65 per Thousand Gallons. Next 100,000 Gal. at 13.88 per Thousand Gallons. All Over 150,000 Gal. at 5.11 per Thousand Gallons. | | | | | |
| 0 | 1,000 | 309 | 859 | 265.43 | 10,952.25 |
| 1,000 | 2,000 | 1,790 | 932 | 1,668.28 | 13,407.38 |
| 2,000 | 3,000 | 2,904 | 1124 | 3,264.10 | 23,231.46 |
| 3,000 | 4,000 | 3,904 | 1257 | 4,907.33 | 33,069.86 |
| 4,000 | 5,000 | 4,935 | 728 | 3,592.68 | 23,385.84 |
| 5,000 | 6,000 | 5,897 | 304 | 1,792.69 | 11,414.92 |
| 6,000 | 7,000 | 6,938 | 293 | 2,032.83 | 12,722.15 |
| 7,000 | 8,000 | 7,889 | 115 | 907.24 | 5,610.16 |
| 8,000 | 9,000 | 8,857 | 94 | 832.56 | 5,098.89 |
| 9,000 | 10,000 | 9,559 | 51 | 487.51 | 2,968.34 |
| 10,000 | 11,000 | 10,829 | 1 | 10.83 | 64.54 |
| 11,000 | 12,000 | 11,825 | 0 | 0.00 | 0.00 |
| 12,000 | 13,000 | 12,613 | 3 | 37.84 | 218.52 |
| 13,000 | 14,000 | 13,845 | 4 | 55.38 | 314.28 |
| 14,000 | 15,000 | 14,567 | 0 | 0.00 | 0.00 |
| 15,000 | over | 45,125 | 2 | 90.25 | 448.04 |
| TOTALS | | | 5767 | 19,944.94 | 142,906.63 |

Annual Residential Water Sales \$1,714,879.55

Non-Residential 3/4" meter

| Monthly Usage Gallons | | Average Monthly Usage | No. of Users | Usage (1000 Gal.) | Monthly Income |
|--|--------|-----------------------|--------------|-------------------|----------------|
| From | To | | | | |
| First 3,000 Gal. at \$21.66 minimum Next 7,000 Gal. at \$56.64 per Thousand Gallons. Next 40,000 Gal. at 24.65 per Thousand Gallons. Next 100,000 Gal. at 13.88 per Thousand Gallons. All Over 150,000 Gal. at 5.11 per Thousand Gallons. | | | | | |
| 0 | 1,000 | 321 | 0 | 0.00 | 0.00 |
| 1,000 | 2,000 | 1,820 | 0 | 0.00 | 0.00 |
| 2,000 | 3,000 | 2,942 | 0 | 0.00 | 0.00 |
| 3,000 | 4,000 | 3,948 | 1 | 3.95 | 33.00 |
| 4,000 | 5,000 | 4,985 | 0 | 0.00 | 0.00 |
| 5,000 | 6,000 | 5,951 | 0 | 0.00 | 0.00 |
| 6,000 | 7,000 | 6,997 | 0 | 0.00 | 0.00 |
| 7,000 | 8,000 | 7,952 | 0 | 0.00 | 0.00 |
| 8,000 | 9,000 | 8,924 | 0 | 0.00 | 0.00 |
| 9,000 | 10,000 | 9,628 | 0 | 0.00 | 0.00 |
| 10,000 | 11,000 | 10,903 | 0 | 0.00 | 0.00 |
| 11,000 | 12,000 | 11,902 | 0 | 0.00 | 0.00 |
| 12,000 | 13,000 | 12,692 | 0 | 0.00 | 0.00 |
| 13,000 | 14,000 | 13,928 | 0 | 0.00 | 0.00 |
| 14,000 | 15,000 | 14,652 | 0 | 0.00 | 0.00 |
| 15,000 | over | 45,275 | 0 | 0.00 | 0.00 |
| TOTALS | | | 1 | 3.95 | 33.00 |

Annual Non Residential 3/4" Water Sales \$395.99

XII. Forecast of Actual Water Usage - Existing System (Continued)

For the period, January 1, 2003 to December 31, 2003

Non-Residential 1.0" meter

| Monthly Usage Gallons | From To | | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income |
|-----------------------|---------|----|-----------------------|--------------|-------------------|----------------|
| | From | To | | | | |
| 0 | 5,000 | | 4,256 | 0 | 0.00 | 0.00 |
| 5,000 | 10,000 | | 8,327 | 2 | 16.65 | 104.35 |
| 10,000 | 15,000 | | 14,955 | 1 | 14.96 | 84.65 |
| 15,000 | 20,000 | | 16,586 | 0 | 0.00 | 0.00 |
| 20,000 | 25,000 | | 23,629 | 4 | 94.52 | 499.94 |
| 25,000 | 30,000 | | 28,843 | 3 | 86.53 | 447.69 |
| 30,000 | 35,000 | | 34,881 | 8 | 279.05 | 1,418.45 |
| 35,000 | 40,000 | | 39,125 | 5 | 195.63 | 985.21 |
| 40,000 | 45,000 | | 43,591 | 3 | 130.77 | 653.42 |
| 45,000 | 50,000 | | 48,773 | 2 | 97.55 | 483.81 |
| 50,000 | 55,000 | | 54,681 | 2 | 109.36 | 531.54 |
| 55,000 | 60,000 | | 56,832 | 0 | 0.00 | 0.00 |
| 60,000 | 65,000 | | 61,099 | 0 | 0.00 | 0.00 |
| 65,000 | 70,000 | | 69,820 | 1 | 69.82 | 324.51 |
| 70,000 | 75,000 | | 74,276 | 3 | 222.83 | 1,025.40 |
| 75,000 over | | | 108,530 | | 0.00 | 0.00 |
| TOTALS | | | | 34 | 1,317.66 | 6,558.98 |

Annual Non Residential 1.0" Water Sales \$78,707.76

Non-Residential 1.5" meter

| Monthly Usage Gallons | From To | | Average Monthly Usage | No. of Users | Usage (1000 Gal.) | Monthly Income |
|-----------------------|---------|----|-----------------------|--------------|-------------------|----------------|
| | From | To | | | | |
| 0 | 5,000 | | 4,294 | 0 | 0.00 | 0.00 |
| 5,000 | 10,000 | | 8,380 | 0 | 0.00 | 0.00 |
| 10,000 | 15,000 | | 15,026 | 0 | 0.00 | 0.00 |
| 15,000 | 20,000 | | 16,660 | 0 | 0.00 | 0.00 |
| 20,000 | 25,000 | | 23,718 | 0 | 0.00 | 0.00 |
| 25,000 | 30,000 | | 28,941 | 0 | 0.00 | 0.00 |
| 30,000 | 35,000 | | 34,989 | 0 | 0.00 | 0.00 |
| 35,000 | 40,000 | | 39,239 | 0 | 0.00 | 0.00 |
| 40,000 | 45,000 | | 43,712 | 0 | 0.00 | 0.00 |
| 45,000 | 50,000 | | 48,901 | 0 | 0.00 | 0.00 |
| 50,000 | 55,000 | | 54,816 | 0 | 0.00 | 0.00 |
| 55,000 | 60,000 | | 56,970 | 0 | 0.00 | 0.00 |
| 60,000 | 65,000 | | 64,491 | 2 | 128.98 | 618.81 |
| 65,000 | 70,000 | | 69,973 | 0 | 0.00 | 0.00 |
| 70,000 | 75,000 | | 74,433 | 0 | 0.00 | 0.00 |
| 75,000 over | | | 108,720 | 0 | 0.00 | 0.00 |
| TOTALS | | | | 2 | 128.98 | 618.81 |

Annual Non Residential 1.5" Water Sales \$7,425.72

XII. Forecast of Actual Water Usage - Existing System (Continued)

For the period, January 1, 2003 to December 31, 2003

Non-Residential 2.0" meter *

| Monthly Usage Gallons | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | First 16,000 Gal. at \$964.65 minimum | |
|-----------------------|-----------------------|--------------|-------------------|----------------|---|---|
| | | | | | Next 34,000 Gal. at \$4.75 per Thousand Gallons. | Next 100,000 Gal. at \$3.88 per Thousand Gallons. |
| 0 | 4,277 | 0 | 0.00 | 0.00 | All Over 150,000 Gal. at \$0.00 per Thousand Gallons. | |
| 5,000 | 8,361 | 2 | 16.72 | 192.92 | | |
| 10,000 | 15,003 | 1 | 15.00 | 96.46 | | |
| 15,000 | 16,638 | 0 | 0.00 | 0.00 | | |
| 20,000 | 23,693 | 0 | 0.00 | 0.00 | | |
| 25,000 | 28,915 | 2 | 57.83 | 313.03 | | |
| 30,000 | 34,059 | 0 | 0.00 | 0.00 | | |
| 35,000 | 39,211 | 3 | 117.63 | 613.17 | | |
| 40,000 | 43,683 | 2 | 87.37 | 450.37 | | |
| 45,000 | 48,871 | 0 | 0.00 | 0.00 | | |
| 50,000 | 54,785 | 1 | 54.79 | 273.13 | | |
| 55,000 | 56,939 | 0 | 0.00 | 0.00 | | |
| 60,000 | 64,459 | 4 | 257.84 | 1,242.65 | | |
| 65,000 | 69,940 | 0 | 0.00 | 0.00 | | |
| 70,000 | 74,400 | 0 | 0.00 | 0.00 | | |
| 75,000 over | 108,684 | | 0.00 | 0.00 | | |
| TOTALS | | 15 | 607.17 | 3,181.72 | | |

Annual Non Residential 2.0 "Water Sales \$38,180.70

* Does not include the wholesale water to Caneyville.

Non-Residential 3.0" meter

| Monthly Usage Gallons | Average Monthly Usage | No. of Users | Usage (1000 Gal.) | Monthly Income | First 30,000 Gal. at \$186.69 minimum | |
|-----------------------|-----------------------|--------------|-------------------|----------------|---|---|
| | | | | | Next 20,000 Gal. at \$4.65 per Thousand Gallons. | Next 100,000 Gal. at \$3.88 per Thousand Gallons. |
| 0 | 8,555 | 0 | 0.00 | 0.00 | All Over 150,000 Gal. at \$0.00 per Thousand Gallons. | |
| 10,000 | 16,721 | 0 | 0.00 | 0.00 | | |
| 20,000 | 30,007 | 0 | 0.00 | 0.00 | | |
| 30,000 | 33,275 | 0 | 0.00 | 0.00 | | |
| 40,000 | 47,386 | 0 | 0.00 | 0.00 | | |
| 50,000 | 57,830 | 0 | 0.00 | 0.00 | | |
| 60,000 | 68,118 | 0 | 0.00 | 0.00 | | |
| 70,000 | 78,422 | 0 | 0.00 | 0.00 | | |
| 80,000 | 87,365 | 1 | 87.37 | 424.67 | | |
| 90,000 | 97,742 | 0 | 0.00 | 0.00 | | |
| 100,000 | 107,862 | 1 | 107.86 | 504.19 | | |
| 110,000 | 113,877 | 2 | 227.75 | 1,055.07 | | |
| 120,000 | 128,918 | 1 | 128.92 | 585.89 | | |
| 130,000 | 139,880 | 3 | 419.64 | 1,885.27 | | |
| 140,000 | 148,801 | 0 | 0.00 | 0.00 | | |
| 150,000 over | 217,368 | 0 | 0.00 | 0.00 | | |
| TOTALS | | 8 | 971.54 | 4,455.10 | | |

Annual Non Residential 3.0 "Water Sales \$53,461.17

XII. Forecast of Actual Water Usage - Existing System (Continued)

For the period, January 1, 2003 to December 31, 2003

Non-Residential 4.0" meter

| Monthly Usage Gallons | From To | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | Rate | | |
|-----------------------|---------|-----------------------|--------------|-------------------|----------------|----------------------------------|-----------------------|--|
| | | | | | | per Thousand Gallons. | per Thousand Gallons. | |
| | | | | | | First 50,000 Gal. at \$28.20 | minimum | |
| | | | | | | Next 100,000 Gal. at \$28.20 | per Thousand Gallons. | |
| | | | | | | All Over 150,000 Gal. at \$28.20 | per Thousand Gallons. | |
| | | | | | | | per Thousand Gallons. | |
| | | | | | | | per Thousand Gallons. | |
| 0 | 1,000 | 307 | 0 | 0.00 | 0.00 | | | |
| 1,000 | 2,000 | 1,791 | 0 | 0.00 | 0.00 | | | |
| 2,000 | 3,000 | 2,904 | 0 | 0.00 | 0.00 | | | |
| 3,000 | 4,000 | 3,904 | 0 | 0.00 | 0.00 | | | |
| 4,000 | 5,000 | 4,935 | 5 | 24.68 | 1,426.00 | | | |
| 5,000 | 6,000 | 5,897 | 2 | 11.79 | 570.40 | | | |
| 6,000 | 7,000 | 6,938 | 0 | 0.00 | 0.00 | | | |
| 7,000 | 8,000 | 7,889 | 0 | 0.00 | 0.00 | | | |
| 8,000 | 9,000 | 8,857 | 4 | 35.43 | 1,140.80 | | | |
| 9,000 | 10,000 | 9,550 | 0 | 0.00 | 0.00 | | | |
| 10,000 | 11,000 | 10,800 | 0 | 0.00 | 0.00 | | | |
| 11,000 | 12,000 | 11,825 | 0 | 0.00 | 0.00 | | | |
| 12,000 | 13,000 | 12,560 | 0 | 0.00 | 0.00 | | | |
| 13,000 | 14,000 | 13,800 | 2 | 27.60 | 570.40 | | | |
| 14,000 | 15,000 | 14,567 | 0 | 0.00 | 0.00 | | | |
| 15,000 | over | 45,125 | 0 | 0.00 | 0.00 | | | |
| TOTALS | | | | | 13 | 99.50 | 3,707.60 | |

Annual Non Residential 4.0 "Water Sales \$44,491.20

Total Water Purchased and/or Produced (Gallons) 307,524,190

Total Water Sold (Gallons) 277,048,819

| RESIDENTIAL AND NON-RESIDENTIAL COMBINED | |
|--|----------------|
| Total Users | 5842 |
| Total Annual Water Sales | \$1,950,247.93 |
| Average Monthly Bill | \$27.82 |
| Average Monthly Usage (Gallons) | 3,952 |

Non-Residential 6.0" meter

| Monthly Usage Gallons | From To | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | Rate | | |
|-----------------------|---------|-----------------------|--------------|-------------------|----------------|----------------------------------|-----------------------|--|
| | | | | | | per Thousand Gallons. | per Thousand Gallons. | |
| | | | | | | First 100,000 Gal. at \$29.41 | minimum | |
| | | | | | | Next 50,000 Gal. at \$38.88 | per Thousand Gallons. | |
| | | | | | | All Over 150,000 Gal. at \$38.88 | per Thousand Gallons. | |
| | | | | | | | per Thousand Gallons. | |
| | | | | | | | per Thousand Gallons. | |
| 0 | 1,000 | 317 | 0 | 0.00 | 0.00 | | | |
| 1,000 | 2,000 | 1,815 | 0 | 0.00 | 0.00 | | | |
| 2,000 | 3,000 | 2,935 | 0 | 0.00 | 0.00 | | | |
| 3,000 | 4,000 | 3,940 | 0 | 0.00 | 0.00 | | | |
| 4,000 | 5,000 | 4,976 | 0 | 0.00 | 0.00 | | | |
| 5,000 | 6,000 | 5,941 | 0 | 0.00 | 0.00 | | | |
| 6,000 | 7,000 | 6,833 | 2 | 13.67 | 1,058.82 | | | |
| 7,000 | 8,000 | 7,940 | 0 | 0.00 | 0.00 | | | |
| 8,000 | 9,000 | 8,911 | 0 | 0.00 | 0.00 | | | |
| 9,000 | 10,000 | 9,606 | 0 | 0.00 | 0.00 | | | |
| 10,000 | 11,000 | 10,860 | 0 | 0.00 | 0.00 | | | |
| 11,000 | 12,000 | 11,888 | 0 | 0.00 | 0.00 | | | |
| 12,000 | 13,000 | 12,625 | 0 | 0.00 | 0.00 | | | |
| 13,000 | 14,000 | 13,868 | 0 | 0.00 | 0.00 | | | |
| 14,000 | 15,000 | 14,637 | 0 | 0.00 | 0.00 | | | |
| 15,000 | over | 45,248 | 0 | 0.00 | 0.00 | | | |
| TOTALS | | | | | 2 | 13.67 | 1,058.82 | |

Annual Non Residential 6.0 "Water Sales \$12,705.84

* Does not include wholesale water to Caneyville, Caneyville buys approximately 42.2 million gallons annually at a rate of \$1.81 per 1000 gallons for a total of \$76,361

XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM

NOT APPLICABLE

A. Sewage Treatment

- 5. Type
- 6. Method of Sludge Disposal
- 7. Cost per 1,000 gallons if sewage treatment is contracted

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

- 1. Lineal feet of Collector Lines (by size)
 - 6":
 - 8":
 - 10":
 - 12":
 - Larger:

XIV. LAND AND RIGHTS – PROPOSED SEWER SYSTEM

NOT APPLICABLE

Number of Treatment Plant Sites

Number of Pump Sites

Number of Other Sites

Total Acreage acre

Purchase Price \$

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.

Grayson County Water District withdraws water from Rough River Lake and treats the water in their 1.5 million gallon per day treatment plant. The plant was placed into service in July 2002 and currently operates at approximately 800,000 gallons per day. Grayson County Water District also buys water from The City of Leitchfield; currently, both parties are undergoing an evaluation of the wholesale rate but it appears to be \$1.439 per thousand gallons.

B. Water Storage

1. Type
One Ground Level Water Storage Tank and Two Elevated Water Storage Tanks
2. Number of Storage Structures: **Three (3)**
3. Total Storage Volume Capacity:
1,100,000 Gallon

C. Water Distribution System

1. Pipe Material: **PVC and DIP (ductile iron)**
2. Lineal feet of Pipe
3":
4":
6": 2,500
8": 32,750
10":
12":
3. Number and Capacity of Pump Stations: **One (1) @ 100 GPM**

XVI. LAND AND RIGHTS - PROPOSED WATER SYSTEM

Number of Treatment Plant Sites **NA**

Number of Pump Sites **One (1) Booster Pump Site**

Number of Other Sites **Three (3) Storage Tank Site**

Total Acreage **± 1.5 acres**

Purchase Price **\$ unknown**

XVII. NUMBER OF NEW SEWER USERS

NOT APPLICABLE

- 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

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

XVIII. PROPOSED SEWER CONNECTION FEES
FOR EACH SIZE WATER METER CONNECTION

NOT APPLICABLE

| Meter Size | Water Connection Fee |
|-------------|----------------------|
| 5/8" X 3/4" | \$ |
| 1.0" | \$ |

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 of Total Potential Users Living in the Service Area | 0 |

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

**XX. PROPOSED WATER CONNECTION FEES
FOR EACH SIZE WATER METER CONNECTION**

| Meter Size | Water Connection Fee |
|----------------|-----------------------------|
| 5/8" X 3/4" | \$ 550 |
| 1.0" | \$ 650 |
| 1.5" | \$ 1,250 |
| 2.0" | \$ 1,400 |
| 3.0" | \$ 4,100 |
| 4.0" | \$ 4,700 |
| 6.0" or larger | Actual cost of installation |

XXI. SEWER RATES - PROPOSED

NOT APPLICABLE

A. Proposed Rate Schedule without RUS Grant

Percentage of Water Bill:

Minimum Charge: \$

Other (If the charge is not based on water bill):

| | | |
|----------|--------------|-------------------|
| 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 |

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: \$

Other (If the charge is not based on water bill):

| | | |
|----------|--------------|-------------------|
| 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, please include on additional sheets.

XXII. WATER RATES - PROPOSED

A. Proposed Rate Schedule without RUS Grant

5/8 and 3/4 Inch Meter

| | | | |
|--------------|----------------|------------------|---------------------------------|
| First | 1,500 | Gallons @ | \$14.28 minimum |
| Next | 8,500 | Gallons @ | \$6.32 per 1,000 Gallons |
| Next | 40,000 | Gallons @ | \$5.21 per 1,000 Gallons |
| Next | 100,000 | Gallons @ | \$4.35 per 1,000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1,000 Gallons |

3/4-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 3,000 | Gallons @ | \$24.26 minimum |
| Next | 7,000 | Gallons @ | \$6.32 per 1000 Gallons |
| Next | 40,000 | Gallons @ | \$5.21 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

1-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 5,000 | Gallons @ | \$37.42 minimum |
| Next | 5,000 | Gallons @ | \$6.32 per 1000 Gallons |
| Next | 40,000 | Gallons @ | \$5.21 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

1 1/2-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 10,000 | Gallons @ | \$75.24 minimum |
| Next | 40,000 | Gallons @ | \$5.21 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

2-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 16,000 | Gallons @ | \$108.04 minimum |
| Next | 34,000 | Gallons @ | \$5.21 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

3-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 30,000 | Gallons @ | \$209.09 minimum |
| Next | 20,000 | Gallons @ | \$5.21 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

4-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 50,000 | Gallons @ | \$319.42 minimum |
| Next | 100,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

6-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 100,000 | Gallons @ | \$592.94 minimum |
| Next | 50,000 | Gallons @ | \$4.35 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.48 per 1000 Gallons |

8-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 160,000 | Gallons @ | \$897.06 minimum |
| Over | 160,000 | Gallons @ | \$3.48 per 1000 Gallons |

10-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 550,000 | Gallons @ | \$2,285.68 minimum |
| Over | 550,000 | Gallons @ | \$3.48 per 1000 Gallons |

Date this rate went into effect: N/A

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: \$

Other (If the charge is not based on water bill):

5/8 and 3/4 Inch Meter

| | | | |
|--------------|----------------|------------------|---------------------------------|
| First | 1,500 | Gallons @ | \$13.90 minimum |
| Next | 8,500 | Gallons @ | \$6.15 per 1,000 Gallons |
| Next | 40,000 | Gallons @ | \$5.07 per 1,000 Gallons |
| Next | 100,000 | Gallons @ | \$4.23 per 1,000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1,000 Gallons |

3/4-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 3,000 | Gallons @ | \$23.61 minimum |
| Next | 7,000 | Gallons @ | \$6.15 per 1000 Gallons |
| Next | 40,000 | Gallons @ | \$5.07 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

1-Inch Meter

| | | | |
|--------------|----------------|------------------|--------------------------------|
| First | 5,000 | Gallons @ | \$36.42 minimum |
| Next | 5,000 | Gallons @ | \$6.15 per 1000 Gallons |
| Next | 40,000 | Gallons @ | \$5.07 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

1½-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 10,000 | Gallons @ | \$73.23 minimum |
| Next | 40,000 | Gallons @ | \$5.07 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

2-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 16,000 | Gallons @ | \$105.14 minimum |
| Next | 34,000 | Gallons @ | \$5.07 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

3-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 30,000 | Gallons @ | \$203.49 minimum |
| Next | 20,000 | Gallons @ | \$5.07 per 1000 Gallons |
| Next | 100,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

4-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 50,000 | Gallons @ | \$310.87 minimum |
| Next | 100,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

6-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 100,000 | Gallons @ | \$577.06 minimum |
| Next | 50,000 | Gallons @ | \$4.23 per 1000 Gallons |
| Over | 150,000 | Gallons @ | \$3.39 per 1000 Gallons |

8-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 160,000 | Gallons @ | \$873.04 minimum |
| Over | 160,000 | Gallons @ | \$3.39 per 1000 Gallons |

10-Inch Meter

| | | | |
|-------|---------|-----------|-------------------------|
| First | 550,000 | Gallons @ | \$2,224.46 minimum |
| Over | 550,000 | Gallons @ | \$3.39 per 1000 Gallons |

If more than one rate, please include on additional sheets.

XXIII. FORECAST OF SEWER USAGE – INCOME
EXISTING SYSTEM – EXISTING USERS

NOT APPLICABLE

XXIV. FORECAST OF SEWER USAGE - INCOME
NEW USERS – EXTENSION ONLY

NOT APPLICABLE

XXV. Forecast of Actual Water Usage - Existing System - Existing Users With RUS Grant

For the period, January 1, 2005 to December 31, 2005

Residential

| Monthly Usage Gallons | | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income |
|---|--------|-----------------------|--------------|-------------------|----------------|
| From | To | | | | |
| First 1,500 Gal. at \$13.90 minimum Next 8,500 Gal. at \$6.15 per Thousand Gallons. Next 40,000 Gal. at \$3.07 per Thousand Gallons. Next 100,000 Gal. at \$1.42 per Thousand Gallons. All Over 150,000 Gal. at \$3.39 per Thousand Gallons. | | | | | |
| 0 | 1,000 | 309 | 859 | 265.43 | 11,940.10 |
| 1,000 | 2,000 | 1,790 | 932 | 1,668.28 | 14,617.02 |
| 2,000 | 3,000 | 2,904 | 1124 | 3,264.10 | 25,328.89 |
| 3,000 | 4,000 | 3,904 | 1257 | 4,907.33 | 36,056.54 |
| 4,000 | 5,000 | 4,935 | 728 | 3,592.68 | 25,498.38 |
| 5,000 | 6,000 | 5,897 | 304 | 1,792.69 | 12,446.23 |
| 6,000 | 7,000 | 6,938 | 293 | 2,032.83 | 13,871.70 |
| 7,000 | 8,000 | 7,889 | 115 | 907.24 | 6,117.12 |
| 8,000 | 9,000 | 8,857 | 94 | 832.56 | 5,559.68 |
| 9,000 | 10,000 | 9,559 | 51 | 487.51 | 3,236.61 |
| 10,000 | 11,000 | 10,829 | 1 | 10.83 | 70.38 |
| 11,000 | 12,000 | 11,825 | 0 | 0.00 | 0.00 |
| 12,000 | 13,000 | 12,613 | 3 | 37.84 | 238.27 |
| 13,000 | 14,000 | 13,845 | 4 | 55.38 | 342.68 |
| 14,000 | 15,000 | 14,567 | 0 | 0.00 | 0.00 |
| 15,000 | over | 45,125 | 2 | 90.25 | 488.52 |
| TOTALS | | | 5767 | 19,944.94 | 155,812.12 |

Annual Residential Water Sales \$1,869,745.44

Non-Residential 3/4" meter

| Monthly Usage Gallons | | Average Monthly Usage | No. of Users | Usage (1000 Gal.) | Monthly Income |
|---|--------|-----------------------|--------------|-------------------|----------------|
| From | To | | | | |
| First 3,000 Gal. at \$23.61 minimum Next 7,000 Gal. at \$6.15 per Thousand Gallons. Next 40,000 Gal. at \$3.07 per Thousand Gallons. Next 100,000 Gal. at \$1.28 per Thousand Gallons. All Over 150,000 Gal. at \$3.39 per Thousand Gallons. | | | | | |
| 0 | 1,000 | 321 | 0 | 0.00 | 0.00 |
| 1,000 | 2,000 | 1,820 | 0 | 0.00 | 0.00 |
| 2,000 | 3,000 | 2,942 | 0 | 0.00 | 0.00 |
| 3,000 | 4,000 | 3,948 | 1 | 3.95 | 35.98 |
| 4,000 | 5,000 | 4,985 | 0 | 0.00 | 0.00 |
| 5,000 | 6,000 | 5,951 | 0 | 0.00 | 0.00 |
| 6,000 | 7,000 | 6,997 | 0 | 0.00 | 0.00 |
| 7,000 | 8,000 | 7,952 | 0 | 0.00 | 0.00 |
| 8,000 | 9,000 | 8,924 | 0 | 0.00 | 0.00 |
| 9,000 | 10,000 | 9,628 | 0 | 0.00 | 0.00 |
| 10,000 | 11,000 | 10,903 | 0 | 0.00 | 0.00 |
| 11,000 | 12,000 | 11,902 | 0 | 0.00 | 0.00 |
| 12,000 | 13,000 | 12,692 | 0 | 0.00 | 0.00 |
| 13,000 | 14,000 | 13,928 | 0 | 0.00 | 0.00 |
| 14,000 | 15,000 | 14,652 | 0 | 0.00 | 0.00 |
| 15,000 | over | 45,275 | 0 | 0.00 | 0.00 |
| TOTALS | | | 1 | 3.95 | 35.98 |

Annual Non Residential 3/4" Water Sales \$431.72

XXV. Forecast of Actual Water Usage - Existing System - Existing Users With RUS Grant (Continued)

For the period, January 1, 2005 to December 31, 2005

Non-Residential 1.0" meter

| Monthly Usage Gallons | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | All Over 150,000 Gal. at | | | | | |
|-----------------------|-----------------------|--------------|-------------------|----------------|--------------------------|--------|-------------------|----------------|-------------------------------|----------|
| | | | | | From | To | Usage (1000-Gal.) | Monthly Income | Minimum per Thousand Gallons. | |
| 0 | 4,256 | 0 | 0.00 | 0.00 | 0 | 5,000 | 4,256 | 0 | 0.00 | 0.00 |
| 5,000 | 8,327 | 2 | 16.65 | 113.76 | 5,000 | 10,000 | 8,327 | 2 | 16.65 | 113.76 |
| 10,000 | 14,955 | 1 | 14.96 | 92.29 | 10,000 | 15,000 | 14,955 | 1 | 14.96 | 92.29 |
| 15,000 | 16,586 | 0 | 0.00 | 0.00 | 15,000 | 20,000 | 16,586 | 0 | 0.00 | 0.00 |
| 20,000 | 23,629 | 4 | 94.52 | 545.08 | 20,000 | 25,000 | 23,629 | 4 | 94.52 | 545.08 |
| 25,000 | 28,843 | 3 | 86.53 | 488.11 | 25,000 | 30,000 | 28,843 | 3 | 86.53 | 488.11 |
| 30,000 | 34,881 | 8 | 279.05 | 1,546.53 | 30,000 | 35,000 | 34,881 | 8 | 279.05 | 1,546.53 |
| 35,000 | 39,125 | 5 | 195.63 | 1,074.17 | 35,000 | 40,000 | 39,125 | 5 | 195.63 | 1,074.17 |
| 40,000 | 43,591 | 3 | 130.77 | 712.43 | 40,000 | 45,000 | 43,591 | 3 | 130.77 | 712.43 |
| 45,000 | 48,773 | 2 | 97.55 | 527.50 | 45,000 | 50,000 | 48,773 | 2 | 97.55 | 527.50 |
| 50,000 | 54,681 | 2 | 109.36 | 579.54 | 50,000 | 55,000 | 54,681 | 2 | 109.36 | 579.54 |
| 55,000 | 56,832 | 0 | 0.00 | 0.00 | 55,000 | 60,000 | 56,832 | 0 | 0.00 | 0.00 |
| 60,000 | 61,099 | 0 | 0.00 | 0.00 | 60,000 | 65,000 | 61,099 | 0 | 0.00 | 0.00 |
| 65,000 | 69,820 | 1 | 69.82 | 353.81 | 65,000 | 70,000 | 69,820 | 1 | 69.82 | 353.81 |
| 70,000 | 74,276 | 3 | 222.83 | 1,117.97 | 70,000 | 75,000 | 74,276 | 3 | 222.83 | 1,117.97 |
| 75,000 over | 108,530 | | 0.00 | 0.00 | 75,000 over | | 108,530 | | 0.00 | 0.00 |
| TOTALS | | 34 | 1,317.66 | 7,151.19 | | | | | | |

First 5,000 Gal. at \$67.23 per Thousand Gallons.
 Next 5,000 Gal. at \$51.51 per Thousand Gallons.
 Next 40,000 Gal. at \$27.50 per Thousand Gallons.
 Next 100,000 Gal. at \$22.50 per Thousand Gallons.
 All Over 150,000 Gal. at \$53.91 per Thousand Gallons.

Annual Non Residential 1.0 "Water Sales \$85,814.33

Non-Residential 1.5" meter

| Monthly Usage Gallons | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | All Over 150,000 Gal. at | | | | | |
|-----------------------|-----------------------|--------------|-------------------|----------------|--------------------------|--------|-------------------|----------------|-------------------------------|--------|
| | | | | | From | To | Usage (1000-Gal.) | Monthly Income | Minimum per Thousand Gallons. | |
| 0 | 4,294 | 0 | 0.00 | 0.00 | 0 | 5,000 | 4,294 | 0 | 0.00 | 0.00 |
| 5,000 | 8,380 | 0 | 0.00 | 0.00 | 5,000 | 10,000 | 8,380 | 0 | 0.00 | 0.00 |
| 10,000 | 15,026 | 0 | 0.00 | 0.00 | 10,000 | 15,000 | 15,026 | 0 | 0.00 | 0.00 |
| 15,000 | 16,660 | 0 | 0.00 | 0.00 | 15,000 | 20,000 | 16,660 | 0 | 0.00 | 0.00 |
| 20,000 | 23,718 | 0 | 0.00 | 0.00 | 20,000 | 25,000 | 23,718 | 0 | 0.00 | 0.00 |
| 25,000 | 28,941 | 0 | 0.00 | 0.00 | 25,000 | 30,000 | 28,941 | 0 | 0.00 | 0.00 |
| 30,000 | 34,989 | 0 | 0.00 | 0.00 | 30,000 | 35,000 | 34,989 | 0 | 0.00 | 0.00 |
| 35,000 | 39,239 | 0 | 0.00 | 0.00 | 35,000 | 40,000 | 39,239 | 0 | 0.00 | 0.00 |
| 40,000 | 43,712 | 0 | 0.00 | 0.00 | 40,000 | 45,000 | 43,712 | 0 | 0.00 | 0.00 |
| 45,000 | 48,901 | 0 | 0.00 | 0.00 | 45,000 | 50,000 | 48,901 | 0 | 0.00 | 0.00 |
| 50,000 | 54,816 | 0 | 0.00 | 0.00 | 50,000 | 55,000 | 54,816 | 0 | 0.00 | 0.00 |
| 55,000 | 56,970 | 0 | 0.00 | 0.00 | 55,000 | 60,000 | 56,970 | 0 | 0.00 | 0.00 |
| 60,000 | 64,491 | 2 | 128.98 | 674.65 | 60,000 | 65,000 | 64,491 | 2 | 128.98 | 674.65 |
| 65,000 | 69,973 | 0 | 0.00 | 0.00 | 65,000 | 70,000 | 69,973 | 0 | 0.00 | 0.00 |
| 70,000 | 74,433 | 0 | 0.00 | 0.00 | 70,000 | 75,000 | 74,433 | 0 | 0.00 | 0.00 |
| 75,000 over | 108,720 | 0 | 0.00 | 0.00 | 75,000 over | | 108,720 | 0 | 0.00 | 0.00 |
| TOTALS | | 2 | 128.98 | 674.65 | | | | | | |

First 10,000 Gal. at \$73.23 per Thousand Gallons.
 Next 40,000 Gal. at \$107.14 per Thousand Gallons.
 Next 100,000 Gal. at \$42.54 per Thousand Gallons.
 All Over 150,000 Gal. at \$10.00 per Thousand Gallons.

Annual Non Residential 1.5 "Water Sales \$8,095.85

XXV. Forecast of Actual Water Usage - Existing System - Existing Users With RUS Grant (Continued)

For the period, January 1, 2005 to December 31, 2005

Non-Residential 2.0" meter *

| Monthly Usage Gallons | From To | | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income |
|-----------------------|--|----|-----------------------|--------------|-------------------|-----------------|
| | From | To | | | | |
| | First 16,000 Gal. at \$310.00 minimum Next 34,000 Gal. at \$307.00 per Thousand Gallons. Next 100,000 Gal. at \$42.27 per Thousand Gallons. All Over 150,000 Gal. at \$0.00 per Thousand Gallons. | | | | | |
| 0 | 5,000 | | 4,277 | 0 | 0.00 | 0.00 |
| 5,000 | 10,000 | | 8,361 | 2 | 16.72 | 210.28 |
| 10,000 | 15,000 | | 15,003 | 1 | 15.00 | 105.14 |
| 15,000 | 20,000 | | 16,638 | 0 | 0.00 | 0.00 |
| 20,000 | 25,000 | | 23,693 | 0 | 0.00 | 0.00 |
| 25,000 | 30,000 | | 28,915 | 2 | 57.83 | 341.24 |
| 30,000 | 35,000 | | 34,059 | 0 | 0.00 | 0.00 |
| 35,000 | 40,000 | | 39,211 | 3 | 117.63 | 668.46 |
| 40,000 | 45,000 | | 43,683 | 2 | 87.37 | 490.98 |
| 45,000 | 50,000 | | 48,871 | 0 | 0.00 | 0.00 |
| 50,000 | 55,000 | | 54,785 | 1 | 54.79 | 297.76 |
| 55,000 | 60,000 | | 56,939 | 0 | 0.00 | 0.00 |
| 60,000 | 65,000 | | 64,459 | 4 | 257.84 | 1,354.73 |
| 65,000 | 70,000 | | 69,940 | 0 | 0.00 | 0.00 |
| 70,000 | 75,000 | | 74,400 | 0 | 0.00 | 0.00 |
| 75,000 | over | | 108,684 | 0 | 0.00 | 0.00 |
| TOTALS | | | | 15 | 607.17 | 3,468.59 |

Annual Non Residential 2.0 "Water Sales \$41,623.08

* Does not include the wholesale water to Caneyville.

Non-Residential 3.0" meter

| Monthly Usage Gallons | From To | | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income |
|-----------------------|--|----|-----------------------|--------------|-------------------|-----------------|
| | From | To | | | | |
| | First 30,000 Gal. at \$203.49 minimum Next 20,000 Gal. at \$107.00 per Thousand Gallons. Next 100,000 Gal. at \$42.34 per Thousand Gallons. All Over 150,000 Gal. at \$0.00 per Thousand Gallons. | | | | | |
| 0 | 10,000 | | 8,555 | 0 | 0.00 | 0.00 |
| 10,000 | 20,000 | | 16,721 | 0 | 0.00 | 0.00 |
| 20,000 | 30,000 | | 30,007 | 0 | 0.00 | 0.00 |
| 30,000 | 40,000 | | 33,275 | 0 | 0.00 | 0.00 |
| 40,000 | 50,000 | | 47,386 | 0 | 0.00 | 0.00 |
| 50,000 | 60,000 | | 57,830 | 0 | 0.00 | 0.00 |
| 60,000 | 70,000 | | 68,118 | 0 | 0.00 | 0.00 |
| 70,000 | 80,000 | | 78,422 | 0 | 0.00 | 0.00 |
| 80,000 | 90,000 | | 87,365 | 1 | 87.37 | 462.94 |
| 90,000 | 100,000 | | 97,742 | 0 | 0.00 | 0.00 |
| 100,000 | 110,000 | | 107,862 | 1 | 107.86 | 549.65 |
| 110,000 | 120,000 | | 113,877 | 2 | 227.75 | 1,150.18 |
| 120,000 | 130,000 | | 128,918 | 1 | 128.92 | 638.71 |
| 130,000 | 140,000 | | 139,880 | 3 | 419.64 | 2,055.25 |
| 140,000 | 150,000 | | 148,801 | 0 | 0.00 | 0.00 |
| 150,000 | over | | 217,368 | 0 | 0.00 | 0.00 |
| TOTALS | | | | 8 | 971.54 | 4,856.74 |

Annual Non Residential 3.0 "Water Sales \$58,280.84

XXV. Forecast of Actual Water Usage - Existing System - Existing Users With RUS Grant (Continued)

For the period, January 1, 2005 to December 31, 2005

Non-Residential 4.0" meter

| Monthly Usage Gallons | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | First 50,000 Gal. at | | Next 100,000 Gal. at | | All Over 150,000 Gal. at | |
|-----------------------|-----------------------|--------------|-------------------|----------------|----------------------|----------------------|----------------------|----------------------|--------------------------|----------------------|
| | | | | | minimum | per Thousand Gallons | minimum | per Thousand Gallons | minimum | per Thousand Gallons |
| 0 | 307 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 1,000 | 1,791 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 2,000 | 2,904 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 3,000 | 3,904 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 4,000 | 4,935 | 5 | 24.68 | 1,554.35 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 5,000 | 5,897 | 2 | 11.79 | 621.74 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 6,000 | 6,938 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 7,000 | 7,889 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 8,000 | 8,857 | 4 | 35.43 | 1,243.48 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 9,000 | 9,550 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 10,000 | 10,800 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 11,000 | 11,825 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 12,000 | 12,560 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 13,000 | 13,800 | 2 | 27.60 | 621.74 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 14,000 | 14,567 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| 15,000 over | 45,125 | 0 | 0.00 | 0.00 | \$310.57 | 0.00 | \$492.71 | 0.00 | \$700.00 | 0.00 |
| TOTALS | | 13 | 99.50 | 4,041.31 | | | | | | |

Annual Non Residential 4.0 "Water Sales **\$48,495.72**

Total Water Purchased and/or Produced (Gallons) **307,524,190**

Total Water Sold (Gallons) **277,048,819**

| RESIDENTIAL AND NON-RESIDENTIAL COMBINED | |
|--|-----------------------|
| Total Users | 5842 |
| Total Annual Water Sales | \$2,126,336.42 |
| Average Monthly Bill | \$30.33 |
| Average Monthly Usage (Gallons) | 3,952 |

* Does not include wholesale water to Caneyville. Caneyville buys approximately 42.2 million gallons annually at a rate of \$1.81 per 1000 gallons for a total of \$76,361

Non-Residential 6.0" meter

| Monthly Usage Gallons | Average Monthly Usage | No. of Users | Usage (1000-Gal.) | Monthly Income | First 100,000 Gal. at | | Next 50,000 Gal. at | | All Over 150,000 Gal. at | |
|-----------------------|-----------------------|--------------|-------------------|----------------|-----------------------|----------------------|---------------------|----------------------|--------------------------|----------------------|
| | | | | | minimum | per Thousand Gallons | minimum | per Thousand Gallons | minimum | per Thousand Gallons |
| 0 | 317 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 1,000 | 1,815 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 2,000 | 2,935 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 3,000 | 3,940 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 4,000 | 4,976 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 5,000 | 5,941 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 6,000 | 6,000 | 2 | 13.67 | 1,154.12 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 7,000 | 7,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 8,000 | 8,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 9,000 | 9,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 10,000 | 10,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 11,000 | 11,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 12,000 | 12,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 13,000 | 13,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 14,000 | 14,000 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| 15,000 over | 45,248 | 0 | 0.00 | 0.00 | \$577.06 | 0.00 | \$423.88 | 0.00 | \$010.00 | 0.00 |
| TOTALS | | 2 | 13.67 | 1,154.12 | | | | | | |

Annual Non Residential 6.0 "Water Sales **\$13,849.44**

XXVI. FORECAST OF WATER USAGE - INCOME
NEW USERS - EXTENSION ONLY

No new users with this project

XXVII. CURRENT OPERATING BUDGET – (SEWER SYSEM)
 (As of the last full operating year)

NOT APPLICABLE

| | |
|--|----|
| 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 | \$ |
| Total Operating and Maintenance Expenses | \$ |
| Net Operating Income | \$ |
| C. Non-Operating Income | |
| Interest on Deposit | \$ |
| 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 | \$ |

XXVIII. PROPOSED OPERATING BUDGET – (SEWER SYSTEM)

EXISTING SYSTEM AND NEW USERS

(First full year of operation)

Year Ending:

NOT APPLICABLE

| | |
|--|----|
| 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 | \$ |
| Total Operating and Maintenance Expenses | \$ |
| Net Operating Income | \$ |
| C. Non-Operating Income | |
| Interest on Deposit | \$ |
| 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 | \$ |

XXIX. PROPOSED OPERATING BUDGET -- (SEWER SYSTEM)
 NEW USERS -- EXTENSION ONLY
 (First full year of operation)
 Year Ending:

NOT APPLICABLE

| | | |
|----|--|----|
| 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 | \$ |
| | Total Operating and Maintenance Expenses | \$ |
| | Net Operating Income | \$ |
| C. | Non-Operating Income | |
| | Interest on Deposit | \$ |
| | 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 | \$ |

XXX. CURRENT OPERATING BUDGET – (WATER SYSTEM)
 (As of the last full operating year) (2003)

| | | |
|----|--|--------------|
| A. | Operating Income | |
| | Water Sales | \$2,026,610 |
| | Disconnect/Reconnect/Late Charge Fee | \$7,685 |
| | Other (forfeited discounts) | \$40,833 |
| | Less Allowances and Deductions | \$0 |
| | Total Operating Income | \$2,075,128 |
| B. | Operation and Maintenance Expenses | |
| | (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | |
| | Source of Supply Expense | \$199,999 |
| | Pumping Expense | \$67,383 |
| | Water Treatment Expense | \$244,849 |
| | Transmission and Distribution Expense | \$315,908 |
| | Customer Accounts Expense | \$204,449 |
| | Administrative and General Expense | \$664,450 |
| | Total Operating Expense | \$1,233,049* |
| | Net Operating Income | \$842,079 |
| C. | Non-Operating Income | |
| | Interest on Deposits | \$28,935 |
| | Other (PSC Tax) | \$(3,560) |
| | Other | \$26 |
| | Total Non-Operating Income | \$25,401 |
| D. | Net Income | \$867,480 |
| E. | Debt Repayment | |
| | RUS Interest | \$363,032 |
| | RUS Principal | \$132,000 |
| | Non-RUS Interest | \$84,041 |
| | Non-RUS Principal | \$164,895** |
| | Total Debt Repayment | \$743,968 |
| F. | Balance Available for Coverage | \$123,512 |

* Total operating expense does not include depreciation of \$463,989.

** \$286,200 was used to pay off a loan that was acquired in 2003 therefore, this principal payment was not included in this total since it is not a yearly expense.

XXXI. PROPOSED OPERATING BUDGET – (WATER SYSTEM)
 EXISTING SYSTEM AND NEW USERS
 (*) (First full year of operation) (2005) Year Ending:

| | | |
|-----------|--|---------------------|
| A. | Operating Income | |
| | Water Sales | \$2,219,150 |
| | Disconnect/Reconnect/Late Charge Fee | \$60,000 |
| | Other (forfeited discounts) | \$40,833 |
| | Less Allowances and Deductions | \$0 |
| | Total Operating Income | \$2,319,983 |
| B. | Operation and Maintenance Expenses | |
| | (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | |
| | Source of Supply Expense | \$225,901 |
| | Pumping Expense | \$72,383 |
| | Water Treatment Expense | \$264,849 |
| | Transmission and Distribution Expense | \$335,908 |
| | Customer Accounts Expense | \$204,449 |
| | Administrative and General Expense | \$664,450 |
| | Total Operating Expense | \$1,303,951* |
| | Net Operating Income | \$1,016,032 |
| C. | Non-Operating Income | |
| | Interest on Deposits | \$28,935 |
| | Other (PSC Tax) | \$(3,560) |
| | Other | \$26 |
| | Total Non-Operating Income | \$25,401 |
| D. | Net Income | \$1,041,433 |
| E. | Debt Repayment | |
| | RUS Interest | \$220,900 |
| | RUS Principal | \$116,250 |
| | Non-RUS Interest | \$188,197 |
| | Non-RUS Principal | \$245,180 |
| | Total Debt Repayment | \$770,527 |
| F. | Balance Available for Coverage | \$270,906 |

* Total operating expense does not include depreciation.

XXXII. PROPOSED OPERATING BUDGET – (WATER SYSTEM)

NEW USERS – EXTENSION ONLY

(First full year of operation) (2004)

Year Ending:

| | | |
|-----|--|-------------------|
| A. | Operating Income | |
| | Water Sales | \$0 |
| | Disconnect/Reconnect/Late Charge Fee | \$0 |
| | Other (describe) | \$0 |
| | Less Allowances and Deductions | \$0 |
| | Total Operating Income | \$0 |
| B. | Operation and Maintenance Expenses | |
| | (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | |
| (*) | Source of Supply Expense | \$0 |
| | Pumping Expense | \$5,000 |
| | Water Treatment Expense | \$0 |
| | Transmission and Distribution Expense | \$20,000 |
| | Customer Accounts Expense | \$0 |
| | Administrative and General Expense | \$0 |
| | Total Operating Expense | \$0 |
| | Net Operating Income | \$0 |
| C. | Non-Operating Income | |
| | Interest on Deposits | \$0 |
| | Other (identify) | \$0 |
| | Total Non-Operating Income | \$0 |
| D. | Net Income | \$(25,000) |
| E. | Debt Repayment | |
| | RUS Interest | \$10,922 |
| | RUS Principal | \$47,250 |
| | Non-RUS Interest | \$0 |
| | Non-RUS Principal | \$0 |
| | Total Debt Repayment | \$58,172 P&I |
| F. | Balance Available for Coverage | \$(83,172) |

XXXIII. ESTIMATED PROJECT COST - SEWER
 (Round to the nearest 100\$)

NOT APPLICABLE

| | Collection | Treatment | Total |
|-----------------------------------|------------|-----------|-------|
| Development | | | |
| Land and Rights | | | |
| Legal | | | |
| Engineering | | | |
| Interest | | | |
| Contingencies | | | |
| Initial Operating and Maintenance | | | |
| Other | | | |
| TOTAL | | | |

XXXIV. PROPOSED PROJECT FUNDING - SEWER

NOT APPLICABLE

| | Collection | Treatment | Total |
|------------------------------------|------------|-----------|-------|
| Applicant – User Contribution Fees | | | |
| Other – Applicant Contribution | | | |
| RUS Loan | | | |
| RUS Grant | | | |
| ARC Grant (if applicable) | | | |
| CDBG (if applicable) | | | |
| Other (specify) | | | |
| Other (specify) | | | |
| TOTAL | | | |

XXXV. REVISED ESTIMATED PROJECT COST – WATER
October 2003

| | |
|--|-------------|
| Development | \$1,660,000 |
| Land and Rights | \$30,000 |
| Legal | \$20,000 |
| Engineering | \$125,000 |
| Interest | \$20,000 |
| Contingencies | \$130,000 |
| Initial Operating and Maintenance | \$0 |
| Inspection | \$65,000 |
| Other | \$50,000 |
| (PE Report, Arch., Geotech, PSC, Survey, Inspection) | |
| TOTAL | \$2,100,000 |

XXXVI. PROPOSED PROJECT FUNDING - WATER

| | |
|------------------------------------|-------------|
| Applicant – User Contribution Fees | \$0 |
| Other – Applicant Contribution | \$100,000 |
| RUS Loan | \$1,050,000 |
| RUS Grant | \$950,000 |
| ARC Grant (if applicable) | \$0 |
| CDBG (if applicable) | \$0 |
| Other (specify) | \$0 |
| TOTAL | \$2,100,000 |