

CASE

NUMBER:

99-287

Missing at Time of Filming

CASE

NUMBER:

99-287

HISTORY INDEX FOR CASE: 1999-287
JESSAMINE-SOUTH ELKHORN WATER DISTRICT
Construct, Finance, Rates; 278.023

IN THE MATTER OF THE APPLICATION OF THE JESSAMINE-SOUTH
ELKHORN WATER DISTRICT FOR APPROVAL TO PROCEED WITH PROJECT
CONSTRUCTION PRIMARILY FINANCED BY U.S. DEPARTMENT OF
AGRICULTURE AND THE U.S. DEPARTMENT OF HOUSING AND URBAN
DEVELOPMENT AND TO CHANGE RATES IN CONJUNCTION WITH SUCH
PROJECT

SEQ NBR	ENTRY DATE	REMARKS
0001	07/02/1999	Application.
0002	07/06/1999	Acknowledgement letter.
0003	07/20/1999	Filing deficiencies letter, response due 8/4/99.
0004	07/21/1999	Deficiencies cured letter
0005	07/29/1999	Final Order approving construction, financing and rates.
0006	10/18/2000	First Reminder Letter Sent.
M0001	11/13/2000	JOHN HORNE/JESSAMINE SOUTH ELKHORN-REPLY TO LETTER OF OCTOBER 18, 2000

Horne Engineering, Inc.

216 SOUTH MAIN STREET • NICHOLASVILLE, KENTUCKY 40356 • (859)885-9441 • FAX (859)885-5160

November 6, 2000

Thomas M. Dorman
Executive Director, Public Service Commission
211 Sower Boulevard
PO Box 615
Frankfort, KY 40602-0615

RECEIVED

NOV 13 2000

**PUBLIC SERVICE
COMMISSION**

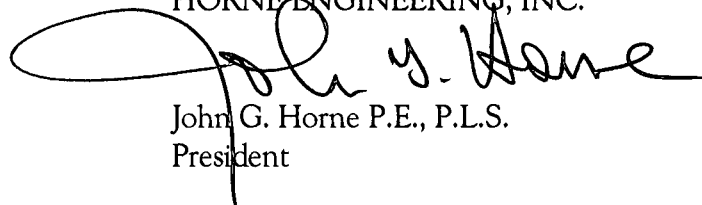
Re: Case No. 1999-287
Southeast Rural Water Project
Jessamine South Elkhorn Water District
Jessamine County, KY

Dear Mr. Dorman:

The Commissioners of the Jessamine South Elkhorn Water District ask that I reply to your letter of October 18, 2000 regarding the reminder of filing as-built drawings for the referenced project. Please be advised that this project is still under construction with anticipation that substantial completion will occur within the next 30-45 days. Upon completion of the punch list and acceptance by the owner of the project, we will at that time, forward a statement of completion and acceptance along with the copy of the as-built drawings.

In the meantime, if there is any additional information required, or you wish to discuss this matter, please feel free to contact me at (859)-885-9441.

Sincerely,
HORNE ENGINEERING, INC.



John G. Horne P.E., P.L.S.
President

JGH/jt

cc: Glenn T. Smith
Jerry Haws
Engr/3253
Engr/3212
Corr.

Q:\ProjectDir\Jsewd\Wo3253\DormanAsBuilt.ltr

Horne Engineering, Inc.

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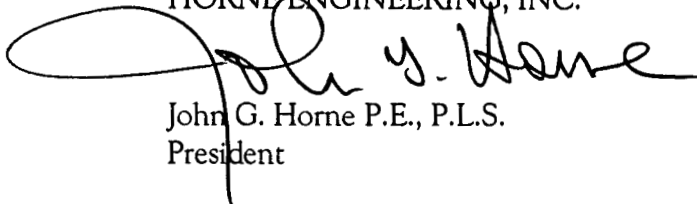
Re: Case No. 1999-287
Southeast Rural Water Project
Jessamine South Elkhorn Water District
Jessamine County, KY

Dear Mr. Dorman:

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Sincerely,
HORNE ENGINEERING, INC.



John G. Horne P.E., P.L.S.
President

JGH/jt

cc: Glenn T. Smith
Jerry Haws
Engr/3253
Engr/3212
Corr.

Q:\ProjectDir\sewd\Wo3253\DormanAsBuilt.ltr



Paul E. Patton, Governor

**Ronald B. McCloud, Secretary
Public Protection and
Regulation Cabinet**

**Thomas M. Dorman
Executive Director
Public Service Commission**

**COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION**
211 SOWER BOULEVARD
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602-0615
www.psc.state.ky.us
(502) 564-3940
Fax (502) 564-3460

**Martin J. Huelsmann
Chairman**

**Edward J. Holmes
Vice Chairman**

**Gary W. Gillis
Commissioner**

October 18, 2000

Ms. Eleanor Blakeman
Office Manager
Jessamine-South Elkhorn Water District
117 South Main Street
Nicholasville, Kentucky 40356

Re: Case No. 1999-287, First Reminder Letter

Dear Ms. Blakeman:

The Commission entered the enclosed Final Order in this case on July 29, 1999. The Commission ordered that Jessamine District shall file a copy of the "as-built" drawings and a certified statement that the construction has been satisfactorily completed in accordance with the plans and specifications within 60 days of the substantial completion of the construction. To date the Commission has not received this filing. Please make the filing, referencing the case number 1999-287, not later than 15 days from the date of this letter.

If you have questions concerning this letter, please contact Jess Helton, of the Filings Division, at 502-564-3940, extension 278. Otherwise, please mail the required filing to Thomas M. Dorman, Executive Director, Public Service Commission, 211 Sower Blvd., Post Office Box 615, Frankfort, Kentucky 40602.

Sincerely,

A handwritten signature in black ink that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

Enclosure
CC: Parties of Record





COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

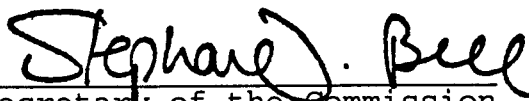
RE: Case No. 99-287
JESSAMINE-SOUTH ELKHORN WATER DISTRICT

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on July 29, 1999.

Parties of Record:

Eleanor M. Blakeman
Office Manager
Jessamine-South Elkhorn Water
District
117 South Main Street
Nicholasville, KY. 40356

Honorable Bruce E. Smith
Attorney for Jessamine-South W.D.
Moynahan, Irvin & Smith, P.S.C.
110 North Main Street
Nicholasville, KY. 40356


Secretary of the Commission

SB/hv
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE JESSAMINE-SOUTH)
ELKHORN WATER DISTRICT FOR APPROVAL TO)
PROCEED WITH PROJECT CONSTRUCTION)
PRIMARILY FINANCED BY U.S. DEPARTMENT OF) CASE NO. 99-287
AGRICULTURE AND THE U.S. DEPARTMENT OF)
HOUSING AND URBAN DEVELOPMENT AND TO)
CHANGE RATES IN CONJUNCTION WITH SUCH)
PROJECT)

O R D E R

On July 21, 1999, Jessamine-South Elkhorn Water District ("Jessamine District") submitted an application for a Certificate of Public Convenience and Necessity to construct a \$3,433,400 waterworks improvement project, for approval of its plan of financing for this project, and for adjustments to its water service rates. This project will provide new service to 309 additional customers. Project funding is a \$2,301,000 bond issue to be purchased pursuant to an agreement with the U. S. Department of Agriculture's Rural Development ("RD"), a \$999,700 Community Development Block Grant ("CDBG"), a \$30,000 contribution from the Jessamine County Fiscal Court, and a \$102,700 contribution from the Applicant.¹

¹ In its application, Jessamine District states that the proposed project would serve an additional 343 customers and would be financed through the issuance of \$1,901,000 of bonds, a \$999,700 grant from the Department of Housing and Urban Development, a \$400,000 loan from a local bank, \$72,600 from customer contributions, and \$30,000 in contributions from Jessamine District and Jessamine County Fiscal Court. As the application conflicts with terms of the Rural Development's Letter of Conditions, the Commission has used the project description and proposed financing arrangements contained in the Letter of Conditions.

Jessamine District's application was made pursuant to KRS 278.023, which requires the Commission to accept agreements between water utilities and the U. S. Department of Agriculture or the U. S. Department of Housing and Urban Development and to issue the necessary orders to implement the terms of such agreements within 30 days of satisfactory completion of the minimum filing requirements. Given that minimum filing requirements were met in this case on July 21, 1999, KRS 278.023 does not grant the Commission any discretionary authority to modify or reject any portion of this agreement.

IT IS THEREFORE ORDERED that:

1. Jessamine District is hereby granted a Certificate of Public Convenience and Necessity for the proposed construction project.
2. Jessamine District's proposed plan of financing with RD is accepted.
3. Jessamine District is authorized to issue bonds not to exceed \$2,301,000.
4. Jessamine District shall file a copy of the "as-built" drawings and a certified statement that the construction has been satisfactorily completed in accordance with the contract plans and specifications within 60 days of the substantial completion of the construction certificated herein.
5. The rates set out in Appendix A, which is attached hereto and incorporated herein, are the rates approved for service rendered on and after the date of this Order.
6. Jessamine District shall submit its revised tariff setting out the rates in Appendix A within 30 days of the date of this Order.
7. Three years from the effective date of this Order Jessamine District shall file an income statement, along with any pro forma adjustments, in sufficient detail to

demonstrate that the rates approved herein are sufficient to meet its operating expenses and annual debt service requirements.

Nothing contained herein shall be deemed a warranty of the Commonwealth of Kentucky, or any agency thereof, of the financing herein accepted.

Done at Frankfort, Kentucky, this 29th day of July, 1999.

By the Commission

ATTEST:


Executive Director

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 99-287 DATED JULY 29, 1999

The following rates and charges are prescribed for the customers in the area served by Jessamine-South Elkhorn Water District. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of the Commission prior to the effective date of this Order.

Monthly Water Rates

3/4" x 5/8" Meter

First	2,000 gallons	\$ 21.00	Minimum bill
Next	2,000 gallons	4.85	per 1,000 gallons
Next	2,000 gallons	4.75	per 1,000 gallons
Next	10,000 gallons	4.65	per 1,000 gallons
Next	8,000 gallons	4.55	per 1,000 gallons
Over	24,000 gallons	4.45	per 1,000 gallons

1" Meter

First	10,000 gallons	\$ 58.80	Minimum bill
Next	6,000 gallons	4.65	per 1,000 gallons
Next	8,000 gallons	4.55	per 1,000 gallons
Over	24,000 gallons	4.45	per 1,000 gallons

2" Meter

First	24,000 gallons	\$123.10	Minimum bill
Over	24,000 gallons	4.45	per 1,000 gallons

A \$6.50 per month surcharge will be assessed to all new users served by the water expansion project.



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

July 21, 1999

Eleanor M. Blakeman
Office Manager
Jessamine-South Elkhorn Water
District
117 South Main Street
Nicholasville, KY. 40356

Honorable Bruce E. Smith
Attorney for Jessamine-South W.D.
Moynahan, Irvin & Smith, P.S.C.
110 North Main Street
Nicholasville, KY. 40356

RE: Case No. 99-287
JESSAMINE-SOUTH ELKHORN WATER DISTRICT

The Commission staff has reviewed your response of July 21, 1999 and has determined that your application in the above case now meets the minimum filing requirements set by our regulations. Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further information, please contact my staff at 502/564-3940.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

SB/hv
Enclosure

RECEIVED
JUL - 2 1999
PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of the Application of the :
Jessamine-South Elkhorn Water District :
For approval to proceed with project :
construction primarily financed by :
U.S. Department of Agriculture and the :
U.S. Department of Housing and Urban :
Development and to change rates in :
conjunction with such project. :

No. 99-287

FILED
JUL 21 1999
PUBLIC SERVICE
COMMISSION

APPLICATION

Pursuant to 807 KAR 5:069, Jessamine-South Elkhorn Water District ("Applicant") petitions the Kentucky Public Service Commission ("Commission") as follows:

1. The Applicant's full name is Jessamine-South Elkhorn Water District (formerly Lexington-South Elkhorn Water District) and its post office address is 117 South Main Street (formerly 200 West Maple Street), Nicholasville, KY 40356. The applicant is not a corporation, but rather an entity created under KRS Chapter 74.

This Application is based upon the installation of 40 miles of six (6") inch water line to serve approximately 334 residences and nine (9) commercial establishments in an area generally described as southeastern Jessamine County. Of the approximate 343 new customers, 65% are classified as LMI (low to middle income). Additionally, two, 100,000 gallon water storage facilities (i.e., standpipes) will be constructed within the service area to meet peak demands for water. The sites for these standpipes have already



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
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Fax (502) 564-3460

Ronald B. McCloud, Secretary
Public Protection and
Regulation Cabinet

Helen Helton
Executive Director
Public Service Commission

Paul E. Patton
Governor

July 20, 1999

Ms. Eleanor M. Blakeman
Office Manager
Jessamine-South Elkhorn
Water District
117 South Main Street
Nicholasville, Kentucky 40356

Re: Case No. 99-287
Filing Deficiencies

Dear Ms. Blakeman:

The Commission staff has reviewed your application in the above case. This filing is rejected pursuant to 807 KAR 5:001, Section 2, for the reasons set forth below. These items are either required to be filed with the application or to be referenced in the application if they are already on file in another case or will be filed at a later date.

Filing deficiency pursuant to KRS 322.340:

At least one copy of preliminary and final engineering report shall be signed, sealed, and dated by a registered professional engineer.

The statutory time period in which the Commission must process this case will not commence until the above-mentioned information is filed with the Commission. You are requested to file six copies of this information (unless otherwise noted) within 15 days of this letter. If you need further information, please contact James Rice of my staff at 502-564-3940, extension 411.

Sincerely,


Stephanie Bell
Secretary of the Commission

hv
cc: Parties of Record





COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

July 6, 1999

Eleanor M. Blakeman
Office Manager
Jessamine-South Elkhorn Water
District
117 South Main Street
Nicholasville, KY. 40356

Honorable Bruce E. Smith
Attorney for Jessamine-South W.D.
Moynahan, Irvin & Smith, P.S.C.
110 North Main Street
Nicholasville, KY. 40356

RE: Case No. 99-287
JESSAMINE-SOUTH ELKHORN WATER DISTRICT
(Construct, Finance, Rates; 278.023)

This letter is to acknowledge receipt of initial application in the above case. The application was date-stampèd received July 2, 1999 and has been assigned Case No. 99-287. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

SB/lmh

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED
JUL - 2 1999
PUBLIC SERVICE
COMMISSION

In the matter of the Application of the :
Jessamine-South Elkhorn Water District :
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Development and to change rates in :
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No. 99-287

FILED

JUL 21 1999

PUBLIC SERVICE
COMMISSION

APPLICATION

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This Application is based upon the installation of 40 miles of six (6") inch water line to serve approximately 334 residences and nine (9) commercial establishments in an area generally described as southeastern Jessamine County. Of the approximate 343 new customers, 65% are classified as LMI (low to middle income). Additionally, two, 100,000 gallon water storage facilities (i.e., standpipes) will be constructed within the service area to meet peak demands for water. The sites for these standpipes have already

been purchased for the sum \$2,495.00 each. This project will provide water service to an area which is the last significant part of Jessamine County, Kentucky to be without such service. The Applicant annexed the territory within which water service will be provided in 1996, and water to serve the area will be purchased from the City of Nicholasville by contract dated August 22, 1996, and by means of a single connection to an existing city of Nicholasville six (6") inch line near Chrisman Mill Road and Logan Lane. The project is financed with a loan from the U.S. Department of Agriculture in the sum of \$1,901,000.00, a grant from the U. S. Department of Housing and Urban Development of \$999,700.00, a \$400,000 loan from a local bank, \$72,600.00 in tap fees from the new customers, and a contribution of \$30,000.00 each from the Applicant and the Jessamine County Fiscal Court.

The Applicant requests approval from the Commission to proceed with this project and to adjust its rates, as specified herein, in order to service the debt being incurred to finance the project.

2. Attached hereto as Exhibit "A" are the documents from the U.S. Department of Agriculture and the U.S. Department of Housing and Urban Development approving the project.

3. Attached hereto as Exhibit "B" is the letter from the U.S. Department of Agriculture concurring in the bid awards.

4. Attached hereto as Exhibits "C" and "D", respectively, are the preliminary and final engineering reports.

5. Attached hereto as Exhibit "E" is the certified statement from the Applicant's Chairman complying with 807 KAR 5:069 §1(5)(a-d).

6. Notice complying with the requirements of 807 KAR 5:069 §2 was published in a newspaper of general circulation in Jessamine County, Kentucky, The Jessamine Journal, on July 1, 1999. A copy of said Notice is attached as Exhibit "F".

WHEREFORE, the Applicant again requests approval of this project and the authority to adjust its rates in order to service the debt which finances the project.



BRUCE E. SMITH
MOYNAHAN, IRVIN & SMITH, P.S.C.
110 NORTH MAIN STREET
NICHOLASVILLE, KENTUCKY 40356
ATTORNEY FOR JESSAMINE-SOUTH
ELKHORN WATER DISTRICT

G:\Bruce\USEWD\Application



United States
Department of
Agriculture

Rural
Development

771 Corporate Drive, Suite 200
Lexington, KY 40503-5477
(606) 224-7336 TTY (606) 224-7422

July 2, 1999

Mr. Jerry Haws, Chairman
Jessamine-South Elkhorn Water District
200 West Maple Street
Nicholasville, Kentucky 40356

Re: Letter of Conditions Dated January 5, 1998

Dear Mr. Haws:

This letter shall serve as Amendment No. 1 to your Letter of Conditions dated January 5, 1998. The purpose of the amendment is to revise the water rates, project funding, number of customers, and fidelity bond coverage.

Paragraph number 2 on Page 1 is revised to read as follows:

This letter is not to be considered as loan approval or as a representation as to the availability of funds. The docket may be completed on the basis of a RUS loan not to exceed \$2,301,000, a Department of Housing and Urban Development (HUD) Community Development Block Grant (CDBG) of \$999,700, a cash contribution from Jessamine County Fiscal Court in the amount of \$30,000, and a cash contribution from the Water District in the amount of \$30,000.

Paragraph numbered "1" is revised to read as follows:

1. Number of Users and Their Contribution:

There shall be 1,803 water users, of which 1,494 are existing users and 309 are new users contributing \$72,700 in connection fees toward the cost of the project. The connection fees will be collected prior to advertising for construction bids and will be placed in the construction account at loan pre-closing, unless spent for authorized purposes prior to loan pre-closing. The Rural Development Manager will review and authenticate the number of users and amount of connection fees prior to advertising for construction bids.

Paragraph numbered "3" is revised to read as follows:

3. Funded Depreciation Reserve Account:

The Water District will be required to deposit \$1,190.00 per month into a "Funded Depreciation Reserve Account". The monthly deposits are for the life of the loan.

The required deposits to the Reserve Account are in addition to the requirements of the Water District's prior bond resolutions.

The monthly deposits to the Reserve Account are required to commence the first full fiscal year after the facility becomes operational.

Paragraph numbered "10. C" is revised to read as follows:

C. Fidelity Bond - The Water District will provide Fidelity Bond Coverage for all persons who have access to funds. Coverage may be provided either for all individual positions or persons, or through "blanket" coverage providing protection for all appropriate employees and/or officials. The amount of coverage required for all RUS loans is \$144,000.

Paragraph numbered "20" is revised to read as follows:

20. Cost of Facility:

Breakdown of Costs:

Development	\$ 2,810,000
Land and Rights	15,000
Legal and Administrative	66,700
Engineering	346,200
Interest	40,000
Contingencies	<u>155,500</u>
TOTAL	\$ 3,433,400

Financing:

RUS Loan	\$ 2,301,000
HUD-CDBG Grant	999,700
Jessamine Co. Fiscal Court	30,000
Applicant Contribution	<u>102,700</u>
TOTAL	\$ 3,433,400

Paragraph numbered "22" is revised to read as follows:

22. Rates and Charges:

Rates and charges for facilities and services rendered by the Water District must be at least adequate to meet cost of maintaining, repairing and operating the water system and meeting required principal and interest payments and the required deposits to debt service and/or depreciation reserve.

Water rates will be at least:

3/4" x 5/8" Meter - Connection Fee = \$ 550.00

First	2,000	gallons @ \$	21.00 - Minimum Bill.
Next	2,000	gallons @ \$	4.85 - per 1,000 gallons.
Next	2,000	gallons @ \$	4.75 - per 1,000 gallons.
Next	10,000	gallons @ \$	4.65 - per 1,000 gallons.
Next	8,000	gallons @ \$	4.55 - per 1,000 gallons.
All Over	24,000	gallons @ \$	4.45 - per 1,000 gallons.

1" Meter - Connection Fee = \$ 675.00

First	10,000	gallons @ \$	58.80 - Minimum Bill.
Next	6,000	gallons @ \$	4.65 - per 1,000 gallons.
Next	8,000	gallons @ \$	4.55 - per 1,000 gallons.
All Over	24,000	gallons @ \$	4.45 - per 1,000 gallons.

2" Meter - Connection Fee = Subject to Approval

First	24,000	gallons @ \$	123.10 - Minimum Bill.
All Over	24,000	gallons @ \$	4.45 - per 1,000 gallons.

A \$ 6.50 per month surcharge will be assessed to all new users served by the proposed water expansion project.

All other provisions of the referenced Letter of Conditions remain in full force and unchanged.

Sincerely,



THOMAS G. FERN

State Director

Rural Development

cc: Rural Development Manager - Shelbyville, Kentucky
 Community Development Manager - Nicholasville, Kentucky
 Bluegrass ADD - Lexington, Kentucky
 Bruce E. Smith - Nicholasville, Kentucky
 Henry M. Reed, III - Louisville, Kentucky
 Home Engineering, Inc. - Nicholasville, Kentucky
 PSC - ATTN: Claude Rhorer - Frankfort, Kentucky

3020 lrd file
Work copy



United States
Department of
Agriculture

Rural
Development

771 Corporate Drive, Suite 200
Lexington, KY 40503-5477
(606) 224-7336 TTY(606) 224-7422

January 5, 1998

Mr. Jerry Haws, Chairman
Jessamine-South Elkhorn Water District
Nicholasville, Kentucky 40356

Dear Mr. Haws:

This letter establishes conditions which must be understood and agreed to by you before further consideration may be given to the application. The (loan and/or grant) will be administered on behalf of the Rural Utilities Service (RUS) by the State and Area office staff of USDA, Rural Development. Any changes in project cost, source of funds, scope of services or any other significant changes in the project or applicant must be reported to and approved by USDA, Rural Development, by written amendment to this letter. Any changes not approved by Rural Development shall be cause for discontinuing processing of the application. It should also be understood that Rural Development is under no obligation to provide additional funds to meet an overrun in construction costs.

This letter is not to be considered as loan or grant approval or as a representation as to the availability of funds. The docket may be completed on the basis of an RUS loan not to exceed \$1,901,000, a Department of Housing and Urban Development (HUD) Community Development Block Grant (CDBG) of \$999,700, a cash contribution from Jessamine County Fiscal Court in the amount of \$30,000 and a cash contribution from the Water District in the amount of \$30,000.

If Rural Development makes the loan, you may make a written request that the interest rate be the lower of the rate in effect at the time of loan approval or the time of loan closing. If you do not request the lower of the two interest rates, the interest rate charged will be the rate in effect at the time of loan approval. The loan will be considered approved on the date a signed copy of Form RD 1940-1, "Request for Obligation of Funds," is mailed to you. If you want the lower of the two rates, your written request should be submitted to Rural Development as soon as practical. In order to avoid possible delays in loan closing, such a request should ordinarily be submitted at least 30 days before loan closing.

Please complete and return the attached Form RD 1942-46, "Letter of Intent to Meet Conditions," if you desire that further consideration be given to your application.

The "Letter of Intent to Meet Conditions" must be executed within three weeks from the date of this letter or it becomes invalid unless a time extension is granted by Rural Development.

If the conditions set forth in this letter are not met within 240 days from the date hereof, Rural Development reserves the right to discontinue the processing of the application.

In signing Form RD 1942-46, you are agreeing to complete the following as expeditiously as possible:

1. Number of Users and Their Contribution:

There shall be 1755 water users, of which 1,446 are existing users and 309 are new users contributing \$72,700 in connection fees toward the cost of the project. The connection fees will be collected prior to advertising for construction bids and will be placed in the construction account at loan pre-closing, unless spent for authorized purposes prior to loan pre-closing. The Rural Development Manager will review and authenticate the number of users and amount of connection fees prior to advertising for construction bids.

2. Repayment Period:

The loan will be scheduled for repayment over a period not to exceed 40 years from the date of the bond. Principal payment will not be deferred for a period in excess of two (2) years from the date of the bond. Payments will be in accordance with applicable KRS which requires interest to be paid semi-annually (January 1st and July 1st) and principal will be due on or before the first of January. Rural Development may require the Water District to adopt a supplemental payment agreement providing for monthly payments of principal and interest so long as the bond is held or insured by RUS. Monthly payments will be approximate amortized installments.

Rural Development encourages the use of the Preauthorized Debit (PAD) payment process, which authorizes the electronic withdrawal of funds from your bank account on the exact installment payment due date (contact the Rural Development Manager for further information).

3. Funded Depreciation Reserve Account:

The Water District will be required to deposit \$990.00 per month into a "Funded Depreciation Reserve Account". The monthly deposits are for the life of the loan.

The required deposits to the Reserve Account are in addition to the requirements of the Water District's prior bond resolutions.

The annual deposit to the Reserve Account are required to commence the first full fiscal year after the facility becomes operational.

4. Security Requirements:

A combined pledge of gross water revenue will be provided in the Bond Resolution. Bonds shall rank on a parity with existing bonds, if possible. If this is not possible, the bond will be subordinate and junior to the existing bonds, in which case the Water District will be required to abrogate its right to issue additional bonds ranking on a parity with the existing bonds, so long as any unpaid indebtedness remains on this bond issue.

5. Land Rights and Real Property:

The Water District will be required to furnish satisfactory title, easements, etc., necessary to install, maintain and operate the facility to serve the intended users. The pipelines will be on private rights-of-way where feasible. State and County rights-of-way will be used only in instances where necessary and properly justified. Easements and options are to be secured prior to advertising for construction bids.

6. Organization:

The Water District will be legally organized under applicable KRS which will permit them to perform this service, borrow and repay money.

7. Business Operations:

The Water District will be required to operate the system under a well-established set of resolutions, rules and regulations. A budget must be established annually and adopted by the Water District after review by Rural Development. At no later than loan pre-closing, the Water District will be required to furnish a prior approved management plan to include, as a minimum, provisions for management, maintenance, meter reading, miscellaneous services, billing, collecting, bookkeeping, making and delivering required reports and audits.

8. Accounts, Records and Audits:

The Water District will be required to maintain adequate records and accounts and submit statistical and financial reports, quarterly and annually, in accordance with subsection 1780.47 of RUS Instruction 1780 and RUS Staff Instruction 1780-4, a copy of which is enclosed. The enclosed audit booklet will be used as a guide for preparation of audits. Annual audits, budgets, and reports will be submitted to Rural Development. The Water District shall be required to submit a copy of its audit agreement for review and approval prior to pre-closing the loan. The Water District shall obtain the assistance of its accountant to establish the Water District's accounting system. Rural Development approval of the accounting system is required.

9. Accomplish Audits for Years in Which Federal Financial Assistance is Received:

The Water District will accomplish audits in accordance with OMB Circular A-133, during the years in which federal funds are received. The Water District will provide copies of the audits to the Area Office and the appropriate Federal cognizant agency as designated by OMB Circular A-133.

10. Insurance and Bonding:

The following insurance and bonding will be required:

- A. Adequate Liability and Property Damage Insurance including vehicular coverage, if applicable, must be obtained and maintained by the Water District. The Water District should obtain amounts of coverage as recommended by its attorney, consulting engineer and/or insurance provider.
- B. Worker's Compensation - The Water District will carry worker's compensation insurance for employees in accordance with applicable state laws.
- C. Fidelity Bond - The Water District will provide Fidelity Bond Coverage for all persons who have access to funds. Coverage may be provided either for all individual positions or persons, or through "blanket" coverage providing protection for all appropriate employees and/or officials. The amount of coverage required for all RUS loans is \$119,000.
- D. Real Property Insurance - The Water District will obtain and maintain adequate fire and extended coverage on all structures including major items of equipment or machinery located in the structures. The amounts of coverage should be based on recommendations obtained by the Water District from its attorney, consulting engineer and/or insurance provider. Subsurface lift stations do not have to be covered except for the value of electrical and pumping equipment therein.
- E. Flood Insurance - The Water District will obtain and maintain adequate coverage on any facilities located in a special flood and mudslide prone areas.

11. Planning and Performing Development:

- A. The engineer should not be authorized to commence work on final plans and specifications until a determination has been made that the project can be planned and constructed within the estimated cost shown in paragraph "20" of this letter. When this determination has been made, Rural Development should be so advised by letter. The engineer may then proceed to develop final plans and specifications to be completed no later than 210 days from this date, and prepare bid documents. The Rural Development Manager is prepared to furnish the necessary guide for him to follow so as to keep the project plans and documents within our guidelines and requirements. The project should not be advertised for construction bids until all agreements and enforceable options have been obtained, and total funds are

B. The following documents will be submitted to Rural Development for review and must be concurred in by Rural Development prior to advertisement for construction bids:

1. Final plans, specifications and bid documents.
2. Applicant's letter on efforts to encourage small business and minority-owned business participation.
3. Legal Service Agreements. ...
4. Engineering Agreements.

Revision in these documents will be subject to Rural Development concurrence. Any agreements, contracts, etc. not reviewed and approved by Rural Development will not be eligible for payment from project funds or revenues from facilities financed by this Agency.

Prior to receipt of an authorization to advertise for construction bids, the Water District will obtain advance clearance from Bond Counsel regarding compliance with KRS 424 pertaining to publishing of the advertisement for construction bids in local newspapers and the period of time the notice is required to be published.

12. Compliance with Section 504 of the Rehabilitation Act of 1973:

The Water District will be required to comply with Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), in order to make sure no handicapped individual, solely by reason of their handicap, is excluded from participation in the use of the water system, be denied the benefits of the water system, or be subjected to discrimination.

13. Closing Instructions:

The Office of General Counsel, our Regional Attorney, will be required to write closing instructions in connection with this loan. Conditions listed therein must be met by the Water District.

14. Compliance with Special Laws and Regulations:

The Water District will be required to conform with any and all state and local laws and regulations affecting this type project.

15. System Operator:

The Water District is reminded that the system operator must have an Operator's Certificate issued by the State.

16. Prior to Pre-Closing the Loan, the Water District will be Required to Adopt:

A. Form RD 1942-47, "Association Loan Resolution (Public Body)."

- C. Form RD 400-4, "Assurance Agreement."
- D. Form AD-1047, "Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transaction."
- E. Form RD 1910-11, "Applicant Certification Federal Collection Policies for Consumer or Commercial Debts."
- F. FmHA Instruction 1940-Q, Exhibit A-1, "Certification for Contracts, Grants and Loans."

The Water District must offer the opportunity for all residents in the service area to become users of the facilities regardless of race, creed, color, religion, sex, national origin, marital status, physical or mental handicap or level of income.

17. Refinancing and Graduation Requirements:

The Water District is reminded that if at any time it shall appear to the Government that the Water District is able to refinance the amount of the RUS indebtedness then outstanding, in whole or in part, by obtaining a loan from commercial sources at reasonable rates and terms, upon the request of the Government, the Water District will apply for and accept such loan in sufficient amount to repay the Government.

18. Commercial Interim Financing:

The Water District will be required to use commercial interim financing for the project during construction for the RUS loan portion of the financing, if available at reasonable rates and terms.

Before the loan is closed, the Water District will be required to provide Rural Development with statements from the contractor, engineer and attorneys that they have been paid to date in accordance with their contract or other agreements and, in the case of the contractor, that he has paid his suppliers and sub-contractors.

19. Disbursement of Project Funds:

A construction account for the purpose of disbursement of project funds (RUS) will be established by the Water District prior to start of construction. The position of officials entrusted with the receipt and disbursement of RUS project funds will be covered by a "Fidelity Bond," with USDA-Rural Development as Co-Obligee, in the amount of construction funds on hand at any one time during the construction phase.

During construction, the Water District shall disburse project funds in a manner consistent with subsection 1780.76 (e) of RUS Instruction 1780. Form RD 1924-18, "Partial Payment Estimate," or similar form approved by Rural Development, shall be used for the purpose of documenting periodic construction estimates, and shall be submitted to Rural Development for review and acceptance. Prior to disbursement of funds by the Water District, the Board of Directors shall review and approve each payment estimate. All bills and vouchers must be approved by Rural Development prior

Form RD 440-11, "Estimate of Funds Needed for 30-Day Period Commencing _____," will be prepared by the Water District and submitted to Rural Development in order that a periodic advance of federal cash may be requested.

Monthly audits of the Water District's construction account records shall be made by Rural Development.

20. Cost of Facility:

Breakdown of Costs:

Development	\$ 2,362,900
Land and Rights	15,000
Legal and Administrative	12,000
Engineering	367,200
Interest	40,000
Contingencies	<u>236,300</u>
TOTAL	\$ 3,033,400

Financing:

RUS Loan	\$ 1,901,000
HUD-CDBG	999,700
Jessamine Co. Fiscal Court	30,000
Applicant Contribution	<u>102,700</u>
TOTAL	\$ 3,033,400

21. Use of Remaining Project Funds:

The applicant contribution and Jessamine County Fiscal Court's funds shall be considered as the first funds expended. After providing for all authorized costs, any remaining project funds will be considered to be RUS loan /CDBG grant funds and refunded in proportion to participation in the project.

22. Rates and Charges:

Rates and charges for facilities and services rendered by the Water District must be at least adequate to meet cost of maintaining, repairing and operating the water system and meeting required principal and interest payments and the required deposits to debt service and/or depreciation reserve.

COPY

OCT - 7

GRANT AGREEMENT

FILE COPY

This Agreement is made and entered into this 3rd day of October, 1997, by and between Jessamine County, Kentucky, hereinafter referred to as Recipient and the Commonwealth of Kentucky, Department for Local Government, hereinafter referred to as the Commonwealth.

The purpose of this Agreement is to set forth the terms and conditions under which the Commonwealth agrees to dispense the sum of \$999,773 the Recipient.

Recipient desires to use the funds for the Southeast Jessamine Rural Water Extensions Project.

S.E. WATER

GRANT AGREEMENT

1. GENERAL PROVISIONS

A. Contents of Agreement

This agreement shall consist of the following documents which are incorporated by reference as if fully set out herein: (1) the Grant Agreement and all exhibits to which this agreement refers; (2) the application, including the Statement of Assurances, and all State and Federal Law requirements to which the application and this agreement refer or apply; (3) the State of Kentucky Handbook for KCDBG Grantees currently in effect, plus any advisories; (4) any applicable administrative regulations; and (5) any amendments or modifications to any of the above referenced requirements.

B. General Definitions

Unless specifically provided otherwise or the context otherwise requires, when used in this Grant Agreement:

- (1) "Act" means the Housing and Community Development Act of 1974, Pub. L. No. 93-383, as amended.
- (2) "Application" means the Commonwealth Small Cities Community Development Block Grant (CDBG) Application, and such other submittals, as are specified in Exhibit A of this Grant Agreement.
- (3) "Default" means any default set forth in Section 6-A to this Grant Agreement.
- (4) "Eligible Costs" means costs for the activities specified in Exhibit B of this Grant Agreement for which grant funds are budgeted as specified in Exhibit C of this Grant Agreement, provided that such costs (i) are incurred in connection with any activity which is eligible under Section 105A of Title I of the Act, and (ii) conform to the requirements of Attachment B of Office of Management and Budget Circular A-87 (Cost Principles Applicable to Grants and Contracts with State and Local Government), as may be amended from time to time. For purposes of determining the conformity of costs to said Attachment B, all costs set forth in Section C thereof may be considered eligible without prior approval of the Commonwealth.
- (5) "Environmental Conditions" means the condition imposed by law, particularly 24 CFR Part 58, and the provisions of the Grant Agreement which prohibit or limit the commitment and use of grant funds until certain procedural requirements have been completed.
- (6) "Environmental Requirements" means the requirements described in 24 CFR Part 58.
- (7) "Environmental Studies" means all eligible activities necessary to produce an "environmental document", as that term is defined at Section 1508.10 of 40 CFR Part 1508, or to comply with the requirements of 24 CFR Part 58.
- (8) "Grant Funds" means those funds to be provided by the Commonwealth to Recipient pursuant to the terms of this Grant Agreement, as specified in Exhibit A of this Grant

Agreement.

(9) "HUD" means the United States Department of Housing and Urban Development.

(10) "Program Income" means the CDBG portion of : (i) any income earned by Recipient, or an agent or agency of Recipient, from the disposition of real or personal property acquired in whole or in part with grant funds; (ii) the repayment proceeds (including principal and interest) of any loan made in whole or part with grant funds; (iii) any other revenues defined as program income in 24 CFR Part 570, Subpart J. The "CDBG portion" means an amount computed by applying the percentage of participation of CDBG funds (i) in the acquisition cost of the property to the total income from the disposition of such property, (ii) in the amount of the loan to the total repayment proceeds of such loan, or, (iii) in the cost of an activity to the total income from such activity.

(11) "Participating Party" means any person, firm, corporation or funding source identified as such in Exhibit A and/or B of this Grant Agreement.

(12) "Project" means the activities described in the Application and in Exhibits B, C and E of this Grant Agreement which are to be carried out to meet the objectives of the CDBG Program.

(13) "Recipient" means the local governmental entity receiving grant funds pursuant to this Grant Agreement, as more particularly identified on the cover page of this Grant Agreement.

(14) "Recipient Activities" means those activities of the Project to be carried out by the Recipient, its agent or agency, which activities are described in Exhibit B of this Grant Agreement.

(15) "CDBG" means a grant guided by Title I of the Housing and Community Development Act of 1974, as amended and those regulations set forth in 24 CFR Part 570, Subpart I, as may be amended from time to time and all other applicable Federal and State regulations and laws and assurances signed by Recipient at the time the Recipient's Application was submitted.

(16) "Commonwealth" when not used to designate the territory of the Commonwealth of Kentucky shall mean the Commissioner of the Department of Local Government or any other person to whom the Commissioner has delegated authority to act with respect to matters covered by this Grant Agreement.

2. AMOUNT AND AUTHORIZED USES OF GRANT FUNDS

A. Grant Assistance Provided

In consideration of the various obligations undertaken by the Recipient pursuant to this Grant Agreement, as represented by the Recipient in the Application, the Commonwealth agrees, subject to the terms and conditions set forth herein, to provide the Recipient with grant funds in the amount specified in Exhibit A of this Grant Agreement.

B. Authorized Uses of Grant Funds

The grant funds provided to the Recipient pursuant to this Grant Agreement shall be used only for the specific purposes described in Exhibit B of this Grant Agreement and in the amounts budgeted in Exhibit C of this Grant Agreement, subject to the project amendments provisions of the Commonwealth CDBG program.

C. Adjustments to Grant Funds

The amount of grant funds which the Commonwealth has agreed to provide to the Recipient under this Grant Agreement has been determined by the Commonwealth in reliance upon the cost estimates of the Recipient with respect to the activities set forth in the Application. The Commonwealth reserves the right to reduce the grant amount (i) to conform to any revision to which the Recipient and the Commonwealth may agree with respect to Exhibits B or C of this Grant Agreement, (ii) if the actual costs for activities are lower than those set forth in Exhibits B or C of this Grant Agreement, or (iii) if the investment by Participating Parties is less than the amount specified in Exhibits B, C or D.

D. Recipient's Use of Program Income

(1) All Program Income which is received by the Recipient, prior to completion of all Recipient Activities shall be used prior to, and in place of, any draw of grant funds to the extent adequate to pay costs so incurred.

(2) Unless otherwise specifically stated in Exhibit B of this Grant Agreement, all Program Income received by the Recipient, after completion of all Recipient Activities shall be used by the Recipient, for community or economic development activities eligible for assistance under Title I of the Act as specified in the Commonwealth Eligible Activities Policy Statement.

3. DISBURSEMENT OF GRANT FUNDS

A. Authorization

(1) Promptly after the Commonwealth has received from the Recipient three (3) fully executed copies of this Grant Agreement and has approved evidentiary materials required by Exhibit D of this Grant Agreement that would allow a draw of grant funds pursuant to the terms of Exhibits C and E of this Grant Agreement, the Commonwealth shall authorize the amount of grant funds specified in Exhibit A of this Grant Agreement.

(2) The Recipient is authorized to draw grant funds only in accordance with the provisions of this Grant Agreement and the procedures established by the Commonwealth. No payment by the Commonwealth of an improper or unauthorized draw to the Recipient shall constitute a waiver of the right of the Commonwealth to challenge the validity of said draw, to enforce all rights and remedies set forth in the Grant Agreement, or take corrective or remedial administrative action, which action may include, without limitation, suspension or termination of the Recipient's funding under this Grant Agreement.

(3) The disposition of any grant funds that remain available following completion of the Project, termination of this Grant Agreement by the Commonwealth, or termination of the

Project for any cause, shall be in accordance with closeout procedures then in effect or established by the Commonwealth including provisions of OMB Circular A-128, and the Recipient shall not have any rights to such grant funds.

B. Incurring Costs for Project Activities

(1) The use of grant funds is conditioned upon the Recipient incurring costs to be paid in accordance with this Grant Agreement or as otherwise approved by the Commonwealth in writing. Except as permitted by 24 CFR Part 58, no costs to be paid out of grant funds may be incurred by the Recipient until all Environmental Conditions of 24 CFR Part 58 have been fully satisfied and the Commonwealth has issued the environmental releases required by 24 CFR Part 58.

(2) The authorization to incur costs in subsection (1) above is not an authorization to reimburse those costs and does not mean or imply that such costs will be reimbursed out of grant funds. The Recipient may voluntarily, at his own risk, and upon his own credit and expense, incur costs as authorized in subsection (1) above, but his authority to reimburse or to be reimbursed out of grant funds shall be governed by the provisions of this Grant Agreement applicable to the payment of costs and the release of funds by the Commonwealth.

(3) Prior to the issuance by the Commonwealth of the environmental releases required by 24 CFR Part 58, the Recipient may not use any funds, including local funds, to take any action with respect to the Project where such action might have an adverse environmental effect, would limit choices among competing alternatives, or might alter the environmental premises on which the pending clearance is based in such a fashion that the validity of the conclusions to be reached would be affected.

C. Authorization by the Commonwealth for the Recipient to Draw Grant Funds

Recipient's draw of grant funds can occur only after the following has occurred:

(1) The Commonwealth has issued the environmental releases required by 24 CFR Part 58,

(2) The Commonwealth has approved, the required evidentiary materials specified in Exhibit D of the Grant Agreement,

(3) The Commonwealth has authorized, per the executed Notice of Approval of Evidentiary Materials and Release of Funds, the Recipient's ability to draw grant funds,

(4) Recipient shall have submitted all certifications and materials required as conditions precedent to Recipient's authority to pay costs out of grant funds,

(5) If authorized by Exhibit D herein and if the Commonwealth finds Recipient has timely and acceptably submitted the evidentiary materials in Exhibit D herein, approved same, and if no default has occurred, as defined in Section 6-A herein, and

(6) Recipient has not been served by Commonwealth with notice of Recipient's suspension of authority to so draw the grant funds nor is in breach of its obligation to report a default.

4. REPRESENTATIONS, WARRANTIES, AND OBLIGATIONS

A. Recipient's Representations and Warranties

The Recipient has, by and through consultations among all appropriate members of the Recipient's governing body and its officers, examined each of the following and by its execution of this Grant Agreement the Recipient does, upon information and belief, represent and warrant to the Commonwealth that:

(1) The Recipient is duly organized and validly existing under the laws of the Commonwealth, and has all the requisite power and authority to enter into this Grant Agreement and to assume the responsibilities for compliance with all Federal and State laws and regulations.

(2) A resolution, motion, order or ordinance has been duly adopted, passed or enacted as an official act of the Recipient's governing body, authorizing the execution and delivery of this Grant Agreement by the Recipient and authorizing and directing the person executing this Grant Agreement to do so for and on behalf of the Recipient, said acts being done in such manner and form as to comply with all applicable laws to make this Grant Agreement the valid and legally binding act and agreement of the Recipient.

(3) There is no action, proceeding, or investigation now pending, nor any basis therefore, known or believed by the Recipient to exist, which (i) questions the validity of this Grant Agreement, or any action taken or to be taken under it, or (ii) is likely to result in any material adverse changes in the authorities, properties, assets, liabilities, or conditions (financial or otherwise) of the Recipient which would materially and substantially impair the Recipient's ability to perform any of the obligations imposed upon the Recipient by this Grant Agreement.

(4) The representations, statements, and other matters contained in the Application were true and complete in all material respects as of the date of filing. The Recipient is aware of no event which would require any amendment to the Application (other than an amendment which has been filed with and approved by the Commonwealth) which would make such representations, statements, and other matters true and complete in all material respects and not misleading in any material respect. The Recipient is aware of no event or other fact which should have been, and has not been, reported in the Application as material information.

(5) The Recipient has obtained or has reasonable assurances that it will obtain all Federal, State and local government approvals and reviews required by law to be obtained by the Recipient for the Project.

(6) Insofar as the capacity of the Recipient to carry out any obligation under this Grant Agreement is concerned, (i) the Recipient is not in material violation of its Charter, or any mortgage, indenture, agreement, instrument, judgement, decree, order, statute, rule or regulation and (ii) the execution and performance of this Grant Agreement will not result in any such violation.

(7) Except for approved eligible administrative and personnel costs, none of the recipient's designees, agents, members, officers, employees, consultants or members of its governing body in which the program is situated, and no other public official of the recipients of such locality or localities who exercises or who has exercised any functions or responsibilities with respect to the project during his or her tenure, or who is in a position to participate in a decision-making process or gain inside information with regard to the project, has or shall have any interest, direct or indirect, in any contract or subcontract or the proceeds thereof for work performed in connection

with the project or in any activity, or benefit therefrom, which is part of this project at anytime during or after such person's tenure unless all procedures for an exception have been documented and submitted in writing to the Kentucky Department for Local Government and the Kentucky Department for Local Government has approved such exception.

The procedures for requesting, documenting, and submitting a request for an exception from the Conflict of Interest provisions shall include the applicable procedures delineated in 24 CFR 570.489(h)(4); KRS 99.350(8); KRS 61.252(1); and the local community ethics code.

This Conflict of Interest provision shall be in addition to the requirements in the "Common Rule," 24 CFR Part 85, A-110, KRS 45A.340 and KRS 61.250 et. seq.

B. Obligation to Complete Recipient Activities as Scheduled

(1) The Recipient shall use its best efforts to assure the completion of the Recipient Activities described in Exhibit B of the Grant Agreement within the time periods specified in Exhibit E of this Grant Agreement.

(2) The Recipient agrees that the foregoing undertaking and assurance means that Recipient shall, to the maximum extent permitted by law, use and apply all of its governmental and proprietary powers for such completion, including but not limited to those powers governing taxes, other revenues, credit, eminent domain and appropriations, if necessary, for the purpose of providing any shortfall between funds available under the grant and funds necessary to complete all of the Recipient Activities described in Exhibit B of this Grant Agreement.

C. Commonwealth Approval of Amendments

The Commonwealth will consider program amendments initiated by the Recipient or by the Commonwealth. The Commonwealth defines a program amendment as a request for change in an approved program which (i) is a new activity in the program, (ii) significantly alters the scope, location, or objective of the approved activities or beneficiaries, and/or (iii) results in a change or cumulative changes of the approved budget. Any amendments will be made in accordance with the procedures set forth in the State of Kentucky Handbook for KCDBG Grantees established by the Commonwealth.

D. Notification and Action Upon Default

(1) The Recipient shall promptly give written notice to the Commonwealth upon the discovery by the Recipient of any default involving any Participating Party, as defined in Section 6-A of this Grant Agreement.

(2) Promptly, upon the discovery of any default involving any Participating Party, the Recipient shall vigorously pursue, to the fullest extent possible, all remedies available to Recipient to remove or cure such default, or to seek redress or relief from its effects, including reimbursement for any grant funds expended on the Project, and to prevent or mitigate any adverse effects on the Project. Recipient shall keep the Commonwealth fully informed as to the status of such actions.

5. INSPECTION AND REVIEW

A. Duty to Maintain and Rights to Inspect and Copy Books, Records and Documents

(1) The Recipient shall keep and maintain such books, records and other documents as shall be required under rules and regulations now or hereafter applicable to grants made under the CDBG Program, and as may be reasonably necessary to reflect and fully disclose the amount and disposition of the grant funds, the total cost of the activities paid for in whole or in part with grant funds, and the amount and nature of all investments relative to such activities which are supplied or to be supplied by other sources.

(2) All such books, records and other documents shall be available at the office of the Recipient for inspection, copying, audit and examination at all reasonable times by any duly authorized representative of the Commonwealth, HUD, the General Accounting Office and the Inspector General of the United States.

B. Site Visits

Any duly authorized representative of the Commonwealth or HUD shall, at all reasonable times, have access to all portions of the Project until completion of all closeout procedures and final settlement and conclusion of all issues arising from this grant.

C. Reports

The Recipient shall promptly furnish to the Commonwealth all reports required to be filed in accordance with any directives of the Commonwealth or any statute, rule or regulation of HUD.

6. DEFAULTS AND REMEDIES

A. Defaults

A default shall consist of any use of grant funds for any purpose other than as authorized in Exhibits B and C of this Grant Agreement; or any breach of any covenant, agreement, provision, or warranty (i) the Recipient made in the Grant Agreement; (ii) the Recipient made in any agreement entered into between the Recipient and any Participating Party relating to the Project; (iii) any Participating Party made in any agreement specified in Exhibit D of this Grant Agreement, or; (iv) of the performance schedule specified in Exhibit E of the Grant Agreement.

B. Remedies Upon Default

(1) Upon occurrence of any default as described in Section 6-A, the Commonwealth may suspend the Recipient's authority to draw grant funds at any time by notice to the Recipient. If a default is not cured within thirty (30) consecutive days from notice of such default by the Commonwealth to the Recipient, the Commonwealth may continue such suspension or by delivery of notice terminate this Grant Agreement. In the event of a termination, the Recipient's authority to draw funds shall have terminated at the date of the notice of termination and the Recipient shall have no right, title or interest in or to any grant funds remaining.

(2) In addition to any other rights or remedies, if a default consists of the Recipient's failure to submit the evidentiary materials described in Exhibit D of this Grant Agreement by the date specified in Exhibit D of this Grant Agreement or in other official written notification, the Commonwealth shall have the right to terminate this Grant Agreement and the award of grant funds to which this Grant Agreement relates by delivery of written notice to the Recipient. Upon such termination, all obligations of the Commonwealth pursuant to this Grant Agreement and such award shall cease and the Recipient shall neither have nor retain any rights whatsoever with respect to the grant funds provided under this Grant Agreement.

(3) The rights and remedies of the Commonwealth shall be deemed to be cumulative and shall be in addition to all those rights afforded the Commonwealth by law or equity. Any election of any right or remedy shall not be deemed to be an election of that right or remedy to the exclusion of any other right or remedy.

(4) The rights and remedies available to the Commonwealth in the event of a suspension or termination of the Grant Agreement shall survive such suspension or termination.

7. EVIDENTIARY MATERIALS

A. Commitments of Participating Parties

(1) In selecting the Recipient for the award of this grant, the Commonwealth has relied, in material part, upon the representations of the Recipient and Participating Parties that the Recipient and the Participating Parties (i) will carry out certain activities connected with the Project; (ii) will complete those activities; (iii) have, or will have, the financial capability to assure the carrying out of the activities to the completion; and (iv) will invest, or cause to be invested, a specific value amount in the Project.

(2) Evidentiary materials submitted by the Recipient as Exhibit D which have been submitted to and approved by the Commonwealth shall not be amended in any material respect without prior written approval of the Commonwealth.

B. Form of Documentary Evidence

All documentary evidence of commitments submitted to the Commonwealth for approval shall be in the form of either (i) a duplicate original, or (ii) a photographic copy of the fully executed original, of the documents.

8. MISCELLANEOUS

A. Notice

(1) All amendments, notices, requests, objections, waivers, rejections, agreements, approvals, disclosures and consents of any kind made pursuant to this Grant Agreement shall be in writing.

(2) Any such communication shall be deemed effective for all purposes as of the date such communication is mailed, postage prepaid, by registered or certified mail, return receipt requested, to be delivered only to the office of the addressee, addressed as follows:

(a) Communications to the Commonwealth shall also be mailed to: Division of Community Programs, Department of Local Government, 1024 Capital Center Drive, Suite 340, Frankfort, Kentucky 40601.

(b) Communications to the Recipient shall be addressed to the Recipient, at the address set forth in Exhibit A of this Grant Agreement, or such other address or representative as may be furnished by the Recipient to the Commonwealth.

B. Assignment

No right, benefit, or advantage inuring to the Recipient under this Grant Agreement and no burden imposed on the Recipient hereunder may be assigned without the prior written approval of the Commonwealth. An authorization by the Commonwealth for the transfer of grant funds by Recipient to a Participating Party shall not be deemed an authorization for an assignment, and such Participating Party shall not succeed to any rights, benefits or advantages of the Recipient hereunder.

C. Successors Bounds

This Grant Agreement shall bind, and the rights, benefits and advantages shall inure to, the Recipient's successors.

D. Remedies Not Impaired

No delay or omission of the Commonwealth in exercising any right or remedy available under this Grant Agreement shall impair any such right or remedy or constitute a waiver of any default, or an acquiescence therein.

E. Cumulative Remedies

All rights and remedies of the Commonwealth under this Grant Agreement shall be cumulative.

F. Severability

If any article, subsection, clause or provision of this Grant Agreement is held by any court to be unenforceable or prohibited by any law applicable to this Grant Agreement, the rights and obligations of the parties shall be construed and enforced with that part, term or provision limited so as to make it enforceable to the greatest extent allowed by law, or, if it is totally unenforceable, as if this Grant Agreement did not contain that particular part, term or provision.

G. Entire Agreement

This Grant Agreement constitutes the entire agreement between the Commonwealth and the Recipient and supersedes all prior oral and written agreements between the parties hereto with respect to the subject grant. Notwithstanding the provisions of Section 1-A of this Grant Agreement and anything contained in the Application, the provisions of this Grant Agreement shall prevail.

H. Table of Contents: Titles and Headings

Any table of contents and the headings of the sections and subsections set forth herein are not a part of this Grant Agreement and shall not be deemed to affect the meaning or construction of any of its provisions.

I. Amendment of this Grant Agreement

This Grant Agreement, or any part hereof, may be amended as previously described in Section 4-C from time to time hereafter only in writing executed by the Commonwealth and the Recipient.

J. Governing Law

This Grant Agreement as it may affect the rights, remedies, duties, and obligations of the Commonwealth shall be governed by and construed in accordance with Federal and State law. Insofar as Federal law does not apply, the provisions of this Grant Agreement shall be governed by and construed in accordance with the laws of the Commonwealth.

K. Waiver by the Commonwealth

The Commonwealth reserves and shall have the exclusive right to waive, at the sole discretion of the Commonwealth, and to the extent permitted by law, any requirement or provision under this Grant Agreement. No act by or on behalf of the Commonwealth shall be, or be deemed or construed to be, any waiver of any such requirement or provision, unless the same be in writing, signed by the Commonwealth, and expressly stated to constitute such waiver.

L. Effective Date

(1) The Grant Agreement, as prepared by the Commonwealth and submitted to the Recipient, shall constitute an offer by the Commonwealth to the Recipient to make the within grant and to enter in this Grant Agreement. The Recipient shall promptly accept and execute, if at all, the Grant Agreement which shall not be altered without the Commonwealth's approval. Upon execution of the Grant Agreement, the Recipient will return the Grant Agreement to the Commonwealth for final approval evidenced by the signature of the Commissioner of the Department of Local Government and the Secretary of Finance and Administration Cabinet. The Commonwealth may rescind the offer at any time prior to its acceptance by the Secretary of Finance and Administration Cabinet, by written notice to Recipient, given as specified in Section 8-A of the Grant Agreement.

(2) This Grant Agreement shall be deemed to have been accepted, and shall become effective, as of the date this Grant Agreement is executed and dated by the Secretary of Finance and Administration Cabinet of the Commonwealth of Kentucky.

M. Termination of Grant Agreement

This Grant Agreement shall terminate upon the completion of all closeout procedures respecting this grant including provisions of the Single Audit Act, OMB Circular A-128 and the final settlement and conclusion between Recipient and the Commonwealth of all issues arising out of this grant. This Grant Agreement may also be terminated by either the Commonwealth or the Recipient on thirty (30) days written notice, sent certified mail, return receipt requested. This notice, if

tendered by the Commonwealth, may also include the notice to cure provided for in Section 6 B.(1). Upon termination of the agreement pursuant to this provision, the Recipient shall have no right to grant funds remaining to be disbursed. This provision shall in no way impair and shall be in addition to any additional remedies the Commonwealth may have upon a finding of default or other non-compliance according to the terms of this grant agreement.

N. Anti-Speculation Provisions-Sale of Real Property

(1) When, in Exhibit D of this Grant Agreement, a document is required to contain a provision for the prevention or discouragement of speculation in the purchase and sale of property by a beneficiary of grant funds, then, unless otherwise specified, such provision shall comply with this Section.

(2) The document shall prohibit the beneficiary of grant funds from selling or otherwise disposing of the property within a period specified in Exhibit D of this Grant Agreement after the date of the purchase, for an amount in excess of the purchase price paid, plus the actual costs of any improvements to the property by the beneficiary. The prohibition against sale shall have the same force and effect as a *lis pendens*, and shall specify that in the event of any attempted sale in violation of the provision, the Recipient shall be entitled to the ex-parte issuance of an injunction restraining such sale. The document shall be executed and authenticated in such manner and form as may be required under State law to authorize its recordation at the place of recordation of deeds, as if a *lis pendens* and the document shall be so recorded.

(3) The document may, in conjunction with the foregoing or in lieu thereof, describe a procedure whereunder, in the event of any sale of the property within the period specified in Exhibit D of the Grant Agreement, the amount of grant funds which benefited the beneficiary shall be repaid by the beneficiary to the Recipient. Such procedure may include a pro-rata reduction of the amount to be repaid, based upon the time elapsing between the date of the initial purchase of the property and its disposition by the beneficiary. The document must either specify the amount of the grant funds which benefited the beneficiary, or set forth a formula or agreed method for determining such amount. The document shall be executed and authenticated in such manner and form as may be required to authorize its recordation, as if a *lis pendens* and the document shall be so recorded.

Recipient: Jessamine County

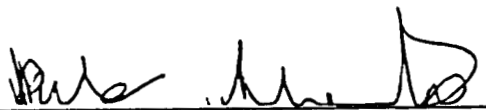
Grant No. B-95-DC-21-0001(051)
CFDA #14.228

GRANT AGREEMENT

EXECUTED BY THE PARTIES THIS 3rd DAY OF October, 1997.

DEPARTMENT OF
LOCAL GOVERNMENT

GRANT RECIPIENT

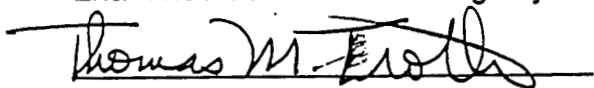


Bob Arnold
Commissioner

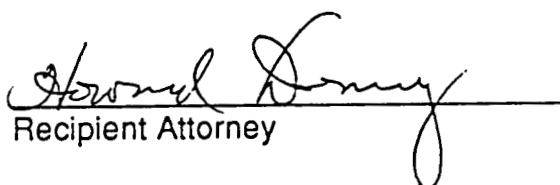


Recipient
Chief Executive Officer

Examined as to form and legality:



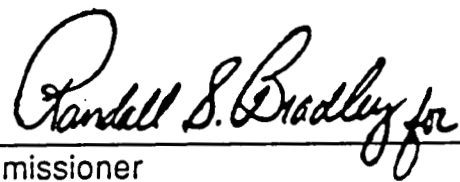
Thomas M. Troth
Attorney



Recipient Attorney

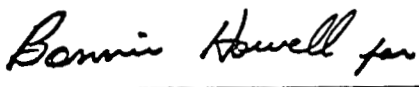
RECOMMEND APPROVAL:

FINANCE AND ADMINISTRATION
CABINET



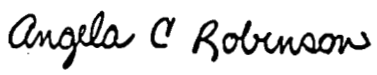
Commissioner
Department for Administration

Approved:



Secretary of Finance

Examined as to form and legality:



Attorney

Recipient: Jessamine County

Grant No. B-95-DC-21-0001(051)

EXHIBIT A

SUPPLEMENTARY PROVISIONS

Rider to Section 1-B(2). In addition to Recipient's Application for Commonwealth Small Cities Community Development Block Grant Assistance, the "Application" shall include the following submittals:

- Cost Summary (Exhibit C)
- Project Performance Schedule (Exhibit E)

Rider to Section 1-B(11). The term "Participating Party" consists of the following persons, firms, corporations and funding sources:

N/A

Rider to Section 2-A. The amount of this CDBG grant is:

\$999,773

Rider to Section 8-A. The address of the Recipient for the purposes of communications relating to this Grant Agreement shall be the following:

The Honorable William Neal Cassity
Jessamine County Judge/Executive
Jessamine County Courthouse
101 North Main Street
Nicholasville, Kentucky 40356

Contact:

Jayne Combs
Bluegrass Area Development District
699 Perimeter Drive
Lexington, Kentucky 40517

Recipient: Jessamine County

Grant No. B-95-DC-21-0001(051)

EXHIBIT B

DESCRIPTION OF RECIPIENT ACTIVITIES

Rider to Section 1-B(14). The "Recipient Activities" for the Project shall consist of the following (as stated in the Application and summarized below):

1. The Recipient agrees to perform activities as stated in the CDBG application given preliminary approval on July 18, 1997, and summarized below:
 - A. Acquire two water tank sites and all necessary easements for construction of 35.4 miles of water line extensions and improvements in accordance with the Uniform Act. Perform surveys, easement preparation, and other related and miscellaneous items concerning site acquisition.
 - B. Construct approximately 35.4 miles of 6" PVC and ductile iron water lines and all necessary appurtenances.
 - C. Construct two 100,000 gallon standpipes.
 - D. Provide all necessary engineering design, surveying, geotechnical, engineering inspection services.
 - E. Design must be completed and submitted to the Kentucky Division of Water for approval within four months from the date the Notice to Proceed is issued to the engineer.

The grantee must issue the Notice to Proceed to the engineer within 90 days from the date the Grant Agreement is executed.

2. The Recipient agrees to provide all necessary administration for the project to assure compliance with all applicable state, federal and local statutes, as set forth in the KCDBG Statement of Assurances dated July 10, 1996.
3. The Recipient shall expend no more than \$50,700 of Block Grant funds to cover cost of planning and administration of the project.
4. The project shall provide service to approximately 343 households and 721 persons. Fifty-one percent (51%) of all persons benefiting must be LMI.
5. The Recipient will waive tap fees for LMI households. Very low and extremely low income households will be directed to USDA's RD 504 program for assistance with costs associated with service line construction.

Recipient: Jessamine County

Grant No. B-95-DC-21-0001(051)

EXHIBIT C

PROJECT BUDGET - SUMMARY OF PROPOSED EXPENDITURES

Attached (as marked Exhibit C containing one page)

COST SUMMARY

DLG USE:

Exhibit C

B-95 -DC-21-0001(051)

Applicant: Jessamine County

ACT. NO.	ACTIVITY CATEGORY	CDBG FUNDS	PROGRAM INCOME	OTHER FUNDS	TOTAL	SOURCE
1)	ACQUISITION & Legal	0		15,000	15,000	RECD
2)	CLEARANCE	0			0	
3)	RELOCATION					
a)	owner					
b)	renter					
c)	businesses					
d)	excess payments					
e)	temporary relocation					
	TOTAL RELOCATION	0			0	
4)	REHABILITATION					
a)	code enforcement					
b)	grants					
c)	forqivable-def. loans					
d)	leveraged loans					
e)	public housing mod.					
	TOTAL REHAB.	0			0	
5)	PUBLIC FACILITIES					
a)	parks & rec. facilities					
b)	street improvements					
c)	water lines	870,000		1,115,587	1,985,587	Tap fees, RECD, LSEWD
d)	water treatment facilities					
e)	sewer lines					
f)	sewage treatment fac.					
g)	flood & drainage fac.					
h)	engineering/arch. design			155,000	155,000	RECD
i)	engineering inspection			76,000	76,000	RECD
j)	other public facilities					
1.	Storage (Standpipes)			200,000	200,000	RECD
2.	Preliminary Engineering			20,000	20,000	Jess. Co. F. Ct.
3.	Legal (excl. Acquistion)			12,000	12,000	RECD
4.	Add'l Eng. (incl. Geo-tech)			47,500	47,500	RECD, Jess. Co. F. Ct.(\$10,000)
5.	Interest during Construction			40,000	40,000	RECD
	TOTAL PUBLIC FAC.	870,000		1,666,087	2,536,087	
6)	PUBLIC SERVICES	0			0	
7)	OTHER					
a)						
b)						
c)						
d)						
	TOTAL OTHER	0		0	0	
8)	SUBTOTAL	870,000		1,681,087	2,551,087	
9)	PLANNING/ARCHAEOL.	(pln.)3,500		(arch.)4,000	7,500	RECD
10)	ADMINISTRATION	47,200		0	47,200	
11)	CONTINGENCIES	79,073		55,700	134,773	RECD
12)	TOTAL PROJECT COSTS	999,773		1,740,787	2,740,560	

Recipient: Jessamine County

Grant No. B-95-DC-21-0001(051)

EXHIBIT D

REQUIRED EVIDENTIARY MATERIALS

Recipient agrees to submit the following evidentiary materials for the approval of the Commonwealth in the manner and form described by the applicable provisions of Section 7 of this Grant Agreement:

- Financial Certification.
- Environmental Certification per 24 CFR, Part 58.
- Copy of clearance from State Historic Preservation Officer.
- Written assurance that project Tap Fees of \$72,600 will be collected and deposited in a project restricted account prior to Start of Construction. Tap Fees may be placed in a separate interest bearing account.
- Evidence of commitment for all other funds:

Jessamine County Fiscal Court	\$30,000
Lexington-South Elkhorn Water District	\$30,000
Rural Development	<u>\$1,608,187</u>
Total Other Funds	\$1,668,187

The County must submit written assurance that the local cash contributions from Jessamine County Fiscal Court and Lexington-South Elkhorn Water District have been designated for the project and evidence funds have been deposited in a restricted account. Local cash contributions may be placed in a separate interest bearing account.

- Written assurance that a Residential Antidisplacement and Relocation Assistance Plan has been adopted.
- Evidence of Budget Ordinance/Amendment indicating inclusion of CDBG funds into Jessamine County's budget
- Engineers Certification that design will be completed within four months.
- Evidence of Clearinghouse review and assurance all conditions will be met.

Recipient: Jessamine County

Grant No. B-95-DC-21-0001(051)

EXHIBIT E

PROJECT PERFORMANCE SCHEDULE

Attached (as marked Exhibit E containing one page)



United States
Department of
Agriculture

Rural
Development

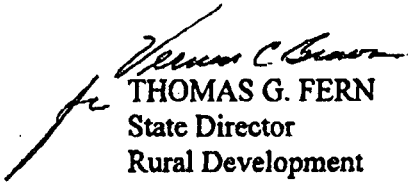
771 Corporate Drive, Suite 200
Lexington, KY 40503-5477
(606) 224-7338 TTY(606) 224-7422

July 2, 1999

SUBJECT: Jessamine-South Elkhorn Water District
Concurrence in Contract Award

TO: Rural Development Manager
Shelbyville, Kentucky

Based on the bids received and the recommendation of the consulting engineer, Horne Engineering, Inc., Rural Development concurs in the award of Contract SEJ-1 (Waterlines) to the low bidder, Kenney, Inc., in the amount of \$2,301,578 and Contract SEJ-2 (Water Storage, Telemetry, etc.) in the amount of \$508,400.


THOMAS G. FERN
State Director
Rural Development

cc: Henry M. Reed, III
Louisville, Kentucky

Horne Engineering, Inc.
Nicholasville, Kentucky

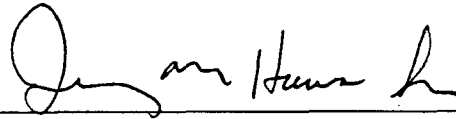
**THE
PRELIMINARY ENGINEERING REPORT
IS ATTACHED HERETO AS EXHIBIT "C"**

**THE
FINAL ENGINEERING REPORT
IS ATTACHED HERETO AS EXHIBIT "D"**

CERTIFICATION PURSUANT TO
807 KAR 5:069 § 1 (5) (a-d)

The undersigned hereby certifies to the Kentucky Public Service Commission as follows:

1. The proposed plans and specifications for the project have been designed to meet the minimum construction and operating requirements established in 807 KAR 5:066 §4 (3) and (4), § 5(1), §6, §7, § 8(1-3), §9 (1) and §10.
2. All other state approvals and permits have been obtained.
3. The rates proposed, as set out in Exhibit "F", will produce the total revenue set out in the engineering reports.
4. Construction will begin August 20, 1999, and barring unforeseen difficulties in construction, should conclude on August 20, 2000.



JERRY M. HAWS, SR.
CHAIRMAN
JESSAMINE-SOUTH ELKHORN
WATER DISTRICT

THE JESSAMINE JOURNAL

50¢

Includes 3¢ sales tax

The Jessamine Journal is printed on recycled newspaper.

KPA
KENTUCKY PRESS ASSOCIATION
General Excellence
Award Winner
for 1998

Vol. 127 - No. 26, Nicholasville, KY

Serving Jessamine County For More Than 127 Years

Thursday, July 1, 1999

NOTICE TO CUSTOMERS JESSAMINE-SOUTH ELKHORN WATER DISTRICT

The rates contained in this notice are the rates proposed by Jessamine-South Elkhorn Water District. However, the Kentucky Public Service Commission may order rates to be charged that differ from these proposed rates. Such action may result in rates for customers other than the rates included in this notice. Any person who may have a question or concern about the proposed change of rates may contact Helen C. Helton, Executive Director, Kentucky Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, Kentucky 40602.

The basis for the increase in rates is a construction project to provide potable water to recently added territory. Proposed is the installation of 35.4 miles of 6-inch water lines to serve a total of 374 residences and nine commercial establishments in an area generally described as southeastern Jessamine County ("the project area"). Also included is the erection of two 100,000 gallon water storage tanks (i.e., standpipes) which will be used to meet peak demands for water from the new customers for whom first-time water service is proposed. The Jessamine-South Elkhorn Water District has the legal authority to retail water within the defined project area. Potable water to serve these new customers will be purchased from the City of Nicholasville through a single connection to an existing Nicholasville 6-inch diameter line near Chrisman Mill Road and Logan Lane.

CURRENT RATE SCHEDULE

Usage Blocks	Monthly Rates	Connection Fee	
3/4" X 5/8" Meter			
First 2,000 gallons	17.53		\$550.00 (MINIMUM BILL)
Next 2,000 gallons	4.74		per 1000 gallons
Next 2,000 gallons	4.29		per 1000 gallons
Next 10,000 gallons	4.04		per 1000 gallons
Next 8,000 gallons	3.77		per 1000 gallons
Over 24,000 gallons	3.49		per 1000 gallons
1" Meter			
First 10,000 gallons	\$51.75		\$675.00 (MINIMUM BILL)
Next 6,000 gallons	\$ 4.04		per 1000 gallons
Next 8,000 gallons	\$ 3.77		per 1000 gallons
Over 24,000 gallons	\$ 3.49		per 1000 gallons
2" Meter			
First 24,000 gallons	\$106.15		Connection Fee = Subject to Approval (MINIMUM BILL)
Over 24,000 gallons	\$ 3.49		per 1000 gallons

PROPOSED RATE SCHEDULE

Usage Blocks	Monthly Rates	Connection Fee	
CLASSIFICATION OF SERVICE RATES PER UNIT (1000 GALLONS)			
3/4" X 5/8" Meter			
First 2,000 gallons	21.00		\$550.00 (MINIMUM BILL)
Next 2,000 gallons	4.85		per 1000 gallons
Next 2,000 gallons	4.75		per 1000 gallons
Next 10,000 gallons	4.65		per 1000 gallons
Next 8,000 gallons	4.55		per 1000 gallons
Over 24,000 gallons	4.45		per 1000 gallons
1" Meter			
First 10,000 gallons	\$58.80		\$675.00 (MINIMUM BILL)
Next 6,000 gallons	\$ 4.65		per 1000 gallons
Next 8,000 gallons	\$ 4.55		per 1000 gallons
Over 24,000 gallons	\$ 4.45		per 1000 gallons
2" Meter			
First 24,000 gallons	\$123.10		Connection Fee = Subject to Approval (MINIMUM BILL)
Over 24,000 gallons	\$ 4.45		per 1000 gallons

An additional \$6.50 surcharge will be assessed to customers served from lines in the project area.

Exhibit D

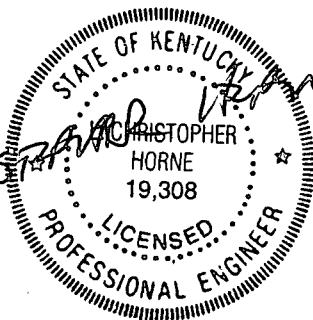
FINAL ENGINEERING REPORT

SOUTHEAST JESSAMINE RURAL WATER EXTENSIONS
AND
STANDPIPE CONSTRUCTION

JESSAMINE SOUTH ELKHORN WATER DISTRICT
117 South Main Street
Nicholasville, Jessamine County, Kentucky 40356

99-287

JUNE 1999

L. Christopher Horne

7/21/99

PREPARED BY:

HORNE ENGINEERING, INC.

Engineers - Land Surveyors - Planners

216 South Main Street
Nicholasville, Kentucky 40356
(606) 885-9441

FINAL ENGINEERING REPORT

JESSAMINE SOUTH ELKHORN WATER DISTRICT CONTRACTS SEJ-1 AND SEJ-2 SOUTHEAST JESSAMINE RURAL WATER EXTENSIONS AND STANDPIPE CONSTRUCTION

Statement of Purpose

The purpose of this final engineering report is to present the tabulation of actual bids received and based on the low bids for SEJ-1 and SEJ-2 to revise the project cost estimate and rate schedule. A copy of the final plans and specifications for each project are attached to this report separately. The total amount received by bid for contracts SEJ-1 and SEJ-2 was \$2,929,978.00. The received bids resulted in a net overrun of \$519,181.00 above the revised cost submitted subsequent to the original submission of the preliminary engineering report, however, Commissioners of the Jessamine South Elkhorn Water District are comfortable that \$120,000.00 can be taken from the pipeline installation contract (SEJ-1) without deleting any of the scope of the project. The section labeled "Final Cost Estimate" of this report gives detail of this determination was made. This will result in a net overrun of \$384,915.00. Subsequent sections of this report give more details regarding costs and funding. The Commissioners have elected to pursue funding to finance the additional money made necessary by the \$384,915.00 overrun.

As with all construction projects, it is imperative to maintain a safeguard for building and a contingency fund. The contingency for this project contained in the revision to the preliminary engineering report was set at \$236,300.00. Considering that the bids have been received and a certain amount of question has been resolved, the contingency for this project has been reduced to 5% which is equivalent to \$140,499.00.

TABULATION OF BIDS

Enclosed in Appendix A are copies of all bids received for this project. The following pages include tabulations of those bids reflecting the unit prices and the project totals. The apparent low bidder for Contracts SEJ-1 and SEJ-2 are:

CONTRACT SEJ-1

Kenney, Inc.	\$2,421,578.00	As submitted
P.O. Box 1305	\$2,301,578.00	To be revised by
Mt. Sterling, Kentucky 40353		change order

CONTRACT SEJ-2

Fisher Tank Co.	\$508,400.00
P.O. Box 458	
Cropwell, AL 35054	

As discussed in the "Statement of Purpose" the Commissioners have elected to reduce Contract SEJ-1 by \$120,000.00. The reduction will be executed via change order simultaneously with signing of the contract and will revise the contract amount from \$2,421,578.00 to \$2,301,578.00. Additional details regarding the cost reduction are included in the "Final Cost Estimate" section.

It should be noted that the bids submitted by Fisher Tank Co. was submitted without Addendum No. 1 which included a revised bid sheet. The reason for this omission given by the bidder, Fisher Tank Co., was that he did not receive the Addendum, via mail until after the bid opening. The revised bid sheet separated the cost of paving the access road to each tank site from the site work and provided separate lines for the welded steel tank alternative and the glass lined tank alternative. There were no additions or subtractions to the total bid amount created by the

BID TABULATION
 Southeast Jessamine Rural Water Extension
 Jessamine South Elkhorn Water District
 Contract SEJ-1

BID DATE: May 12, 1999 @ Jessamine County Courthouse

Please note: Corrections have been marked by asterisk and explained below.

#	Item	Quantity	Unit	Kenney, Inc.		Alpha Reclamation Cont., Inc.		HP Contracting Inc.		Laurel Construction		D.F. Bailey, Inc.	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	6" PVC Watermain c/200	163500	LF	7.50	\$1,226,250.00	8.50	\$1,389,750.00	8.75	\$1,430,625.00	10.40	\$1,700,400.00	9.10	\$1,487,850.00
2	6" PVC Watermain c/250	60000	LF	7.95	\$477,000.00	9.00	\$540,000.00	9.25	\$555,000.00	11.00	\$660,000.00	9.45	\$567,000.00
3	6" Duct Iron Watermain	5630	LF	15.00	\$84,450.00	25.00	\$140,750.00	14.75	\$83,042.50	18.00	\$101,340.00	26.35	\$148,350.50
4	6" MJ Duct. Iron Gate Valve	138	ea	440.00	\$60,720.00	500.00	\$69,000.00	475.00	\$65,550.00	350.00	\$48,300.00	470.00	\$64,860.00
5	5-1/4" Fire Hyd. Assembly	100	ea	1800.00	\$180,000.00	2000.00	\$200,000.00	1720.00	\$172,000.00	1000.00	\$100,000.00	2000.00	\$200,000.00
6	1" Air Release Assembly	85	ea	350.00	\$29,750.00	1000.00	\$350,000.00	600.00	\$210,000.00	170.00	\$59,100.00	475.00	\$166,875.00
7	Bore and Case	555	LF	100.00	\$55,500.00	150.00	\$15,000.00	115.00	\$11,500.00	60.00	\$6,000.00	65.00	\$6,500.00
8	Water Service w/ PRV	260	ea	345.00	\$89,700.00	400.00	\$138,000.00	450.00	\$157,500.00	380.00	\$130,800.00	700.00	\$241,400.00
9	Water Service w/ PRV	114	ea	450.00	\$51,300.00	425.00	\$190,625.00	525.00	\$236,250.00	430.00	\$193,050.00	13500.00	\$60,750.00
10	4" Mainline PRV vault	3	ea	18265.00	\$54,795.00	14000.00	\$252,000.00	18500.00	\$333,000.00	1000.00	\$10,000.00	100.00	\$1,000.00
11	Concrete Encasement	670	LF	60.00	\$40,200.00	50.00	\$3,000.00	3300.00	\$198,000.00	2500.00	\$150,000.00	2800.00	\$168,000.00
12	Stream Meter Assembly	10	ea	1420.00	\$14,200.00	1000.00	\$14,000.00	8.00	\$80.00	6.00	\$60.00	6.75	\$67.50
13	3/4" PE Tubing (Long Serv.)	4000	LF	8.70	\$34,800.00	3.50	\$14,000.00	0.10	\$320.00	0.35	\$1,195.00	0.10	\$800.00
14	Marker Tape	229130	LF	0.10	\$22,913.00	0.10	\$22,913.00	0.10	\$22,913.00	0.35	\$80,195.50	0.10	\$22,913.00
TOTAL					\$2,421,578.00		\$2,782,613.00		\$2,804,955.50		\$2,971,505.50		\$2,980,023.50

#	Item	Quantity	Unit	Shephard Construction Inc.		Centers Contracting, Inc.		Engineer Estimate	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	6" PVC Watermain c/200	163500	LF	11.80	\$1,929,300.00	14.05	\$2,297,175.00	6.00	\$981,000.00
2	6" PVC Watermain c/250	60000	LF	12.50	\$750,000.00	14.54	\$872,400.00	6.75	\$405,000.00
3	6" Duct Iron Watermain	5630	LF	15.50	\$87,265.00	18.45	\$103,873.50	12.00	\$67,560.00
4	6" MJ Duct. Iron Gate Valve	138	ea	350.00	\$48,300.00	550.00	\$75,900.00	475.00	\$65,550.00
5	5-1/4" Fire Hyd. Assembly	100	ea	1900.00	\$190,000.00	1650.00	\$165,000.00	1500.00	\$150,000.00
6	1" Air Release Assembly	85	ea	800.00	\$68,000.00	425.00	\$34,125.00	475.00	\$40,375.00
7	Bore and Case	555	LF	125.00	\$69,375.00	200.00	\$25,000.00	125.00	\$15,625.00
8	Water Service w/ PRV	260	ea	446.00	\$115,960.00	500.00	\$130,000.00	550.00	\$143,000.00
9	Water Service w/ PRV	114	ea	550.00	\$62,700.00	600.00	\$330,000.00	650.00	\$242,500.00
10	4" Mainline PRV vault	3	ea	6100.00	\$18,300.00	10000.00	\$60,000.00	1500.00	\$4,500.00
11	Concrete Encasement	670	LF	15.50	\$10,385.00	125.00	\$83,750.00	50.00	\$33,500.00
12	Stream Meter Assembly	10	ea	2700.00	\$27,000.00	10000.00	\$100,000.00	700.00	\$7,000.00
13	3/4" PE Tubing (Long Serv.)	4000	LF	10.85	\$43,400.00	7.50	\$30,000.00	3.00	\$12,000.00
14	Marker Tape	229130	LF	0.03	\$6,873.90	0.10	\$22,913.00	0.08	\$18,330.40
TOTAL					\$3,428,858.90		\$4,126,536.50		\$2,071,290.40

* This total was corrected from \$22,931.00 to \$22,913.00.

** This total was corrected from \$75,000.00 to \$750,000.00

I hereby certify that the above is a true and correct tabulation of the bids received for this project. The bids were received in the office of the Jessamine County Judge/Executive on Thursday, May 12, 1999 at the hour of 2:00 p.m., at which time they were publicly opened and read aloud. The errors in bid presentation, if any, have been corrected and are noted. The totals of bids, as shown, are corrected amounts based on bid unit prices.

Signed: Cathy Steppik Date: 6/21/99

BID TABULATION
 Southeast Jessamine Rural Water Extension
 Jessamine South Elkhorn Water District
 Contract SE-J-2
 BID DATE: May 12, 1999 @ Jessamine County Courthouse

#	Item	Quantity	Unit	Fisher Tank Co.		KY Glass Lined Tank Systems		Laurel Construction		Engineer Estimate	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1A.	117,000 Gallon Standpipes w/associated Foundation, Piping and Vaults (Glass Lined Tank, Both Sites)	2	LS	N/B	N/B	\$149,812.00	\$299,624.00	N/B	N/B	\$175,000.00	\$350,000.00
1B.	117,000 Gallon Standpipes w/associated Foundation, Piping and Vaults (Welded Steel Tanks, Both Sites)	2	LS	\$179,200.00	\$358,400.00	N/B	\$0.00	\$258,000.00	\$516,000.00	\$175,000.00	\$350,000.00
2	Site work associated w/ Standpipe Construction Excluding Pavement of Access	2	LS	\$5,000.00	\$10,000.00	\$23,490.00	\$46,980.00	\$20,000.00	\$40,000.00	N/E	\$0.00
3	Control Valve Vaults	2	ea	\$20,000.00	\$40,000.00	\$29,875.00	\$59,750.00	\$16,000.00	\$32,000.00	\$12,000.00	\$24,000.00
4	Telemetry	1	LS	\$100,000.00	\$100,000.00	\$99,000.00	\$99,000.00	\$74,000.00	\$74,000.00	\$75,000.00	\$75,000.00
5	Bituminous Pavement of Access Road - Pollard Site	1	LS	N/B	N/B	\$4,300.00	\$4,300.00	\$3,000.00	\$3,000.00	N/E	\$0.00
6	Bituminous Pavement of Access Road - Sugar Creek Site	1	LS	N/B	N/B	\$10,500.00	\$10,500.00	\$3,000.00	\$3,000.00	N/E	\$0.00
	TOTAL				\$508,400.00		\$520,154.00		\$668,000.00		\$799,000.00
	Acknowledge Addendum No. 1			NO		YES		YES		NO	

N/B = NO BID
 N/E = NO ESTIMATE

I hereby certify that the above is a true and correct tabulation of the bids received for this project. The bids were received in the office of the Jessamine County Judge/Executive on Thursday, May 12, 1999 at the hour of 2:00 p.m., at which time they were publicly opened and read aloud. The errors in bid presentation, if any, have been corrected and are noted. The totals of bids, as shown, are corrected amounts based on bid unit prices.

Signed: L. CARRISFUTER Hickman Date: 6/21/99

revised bid sheet, simply a rearrangement of how the costs are submitted. After a subsequent consultation with the District's attorney and the commissioners, it was decided that the informality would be waived and that the bid from Fisher Tank Co. would be accepted.

FINAL COST ESTIMATE

The results of the bidding for Contracts SEJ-1 and SEJ-2 show that the total construction cost will be greater than that budgeted by the revision to the preliminary engineering report. As discussed by previous sections, contract SEJ-1 will be reduced by \$120,000.00 via change order simultaneously with the signing of the contract. The reduction of \$120,000.00 from the contract comes subsequent to a final audit of quantities in contract SEJ-1. The audit revealed that conservative measures built in to the pipeline line item estimates have resulted in an over estimation. Therefore, \$120,000.00 can be trimmed from Contract SEJ-1 without impacting the scope of work to be completed. This will not delete any of the customers proposed to be served by the project. A summary of the budgeted cost as well as the revised cost resulting from the received bids is given on the following page and calculates the budget overrun. The column labeled "Actual Costs" reflects project costs subsequent to reducing Contract SEJ-1. The budget estimates are taken from the August 11, 1997 revision to the preliminary engineering report submitted by this office.

The financing estimate is taken from the January 5, 1998 letter of conditions from Rural Development. The line labeled bank loan has been added to cover the cost overrun of \$384,915.00. The District will pursue the best long term financing available for this overrun, but will use a local bank if no more attractive terms are found.

FINAL ENGINEERING REPORT
 Southeastern Jessamine Co. Waterline Construction
 June 18, 1999

TOTAL PROJECT SUMMARY

BREAKDOWN OF COSTS:

	<u>Preliminary Estimate</u>	<u>Actual Costs</u>	<u>Difference</u>
Development	\$2,362,900	\$2,809,978	(\$447,078)
Land and Rights	\$15,000	\$15,000	\$0
Legal and Administrative	\$66,700	\$66,700	\$0
Engineering	\$312,500	\$346,138	(\$33,638)
Interest	\$40,000	\$40,000	\$0
Contingencies	\$236,300	\$140,499	\$95,801
TOTAL	\$3,033,400	\$3,418,315	(\$384,915)

FINANCING:

	<u>Preliminary Estimate</u>	<u>Actual Costs</u>	<u>Difference</u>
RUS Loan	\$1,901,000	\$1,901,000	\$0
HUD-CDBG Grant	\$999,700	\$999,700	\$0
Jessamine Fiscal Court	\$30,000	\$30,000	\$0
Applicant Contribution	\$30,100	\$30,100	\$0
Applicant (Tap Fees)	\$72,600	\$72,600	\$0
Bank Loan	\$0	\$384,915	(\$384,915)
TOTAL	\$3,033,400	\$3,418,315	(\$384,915)

AGENCY APPROVALS

Since the onset of the planning stage of this project, many permits and approvals have been applied for and granted for this project. The following list gives a summary of these. A copy of each of the approval letters is contained in Appendix B.

- Kentucky Heritage Council, Archaeological Reconnaissance and Clearance of National Register of Historic Places, March 13, 1998
- Kentucky Transportation Cabinet, Encroachment Permits
 - Ky 39 Sulphur Well Road, Permit No. 07-0738-98, 10/23/98
 - Ky 1268 Sugar Creek Road, Permit No. 07-0729-98, 10/23/98
 - Ky 1541 Chrisman Mill Road, Permit No. 07-0737-98, 10/23/98
- Kentucky Division of Water, Water Resources Branch, Determination of Stream Construction Permit not required, September 10, 1998. In accordance with 401 KAR 4:050, Section 2
- Division of Water, Drinking Water Branch, Permit No. DW # 0570249-98-002 for water system improvements, October 15, 1998
- Jessamine Fiscal Court
Easements to construct on county rights of way includes 28 locations.

RATE CALCULATIONS

The proposed project is an extension of an existing water district and, therefore, the rate structure of the existing water district will be modified in order to repay the funds borrowed for this project. The new rates were calculated in accordance with Rural Development standards employing a Water User Analysis and a Proposed Budget for Existing users, New users as well as combined Existing and New users.

The Debt repayment calculated on the "Proposed Budget - New Users - Extension Only" is based on two separate loans. (1) The bulk of the funding will come from Rural Development as anticipated in the preliminary engineering report. The payments for that loan are calculated based on a 40 year term at 5.25% per Gene Floyd (June 17, 1999). The rate could be lower at the time of closing, but cannot go higher than 5.25%. (2) The remaining funding (cost overrun) is conservatively anticipated to come from a local bank. See previous section "Final Cost Estimate" for additional information regarding source of additional funding. The payments for that loan are calculated based on a 20 year term at 7.0%. Appendix C contains a copy of the rate calculations. The new rate table proposed is listed on the following page.

In addition to the modification to the rate structure, a surcharge will be assessed to new users in the Southeast portion of the District (the project area). The surcharge will be a flat rate of \$6.50 per month per customer.

RATE EXHIBIT

Southeast Jessamine Rural Water Extensions
June 18, 1999

PROPOSED RATES

3/4" X 5/8" Meter

		Connection Fee =	\$550.00
First	2000 gallons	\$21.00	(MINIMUM BILL)
Next	2000 gallons	\$4.85	per 1000 gallons
Next	2000 gallons	\$4.75	per 1000 gallons
Next	10,000 gallons	\$4.65	per 1000 gallons
Next	8000 gallons	\$4.55	per 1000 gallons
Over	24,000 gallons	\$4.45	per 1000 gallons

1" Meter

		Connection Fee =	\$675.00
First	10,000 gallons	\$58.80	(MINIMUM BILL)
Next	6000 gallons	\$4.65	per 1000 gallons
Next	8000 gallons	\$4.55	per 1000 gallons
Over	24,000 gallons	\$4.45	per 1000 gallons

2" Meter

		Connection Fee =	Subject to Approval
First	24,000 gallons	\$123.10	(MINIMUM BILL)
Over	24,000 gallons	\$4.45	per 1000 gallons

An additional \$6.50 surcharge will be assessed to customers served from lines in the project area.

CONCLUSION AND RECOMMENDATION

The apparent low bidders for Contracts SEJ-1 and SEJ-2 are Kenney, Inc. and Fisher Tank Co. respectively. The combined bids result in the cost overrun for the project \$384,915.00 after the aforementioned change order revision. It is the engineer's recommendation that additional funding be obtained from a local bank for the additional monies required to complete the project. If more attractive terms can be found through other sources, funding through those sources should be pursued. Further it is the Engineer's recommendation that the project proceed as it is designed and that the apparent low bidders be awarded the Contracts contingent on a \$120,000.00 change order being executed at contract signing for Contract SEJ-1. Rate calculations included herein are based on the anticipation that 309 new customers will be added to the water district by the time the construction begins. As of this date, the water district has either collected a contract or has actually hooked up service to over 309 customers.

**CERTIFICATION OF OWNER'S
CONSULTING ENGINEER**

I, the undersigned **L. CHRISTOPHER HORNE, PE** the duly authorized and acting engineering agent of the **JESSAMINE SOUTH ELKHORN WATER DISTRICT** do hereby certify as follows:

I have examined the plans and specifications for **CONTRACTS SEJ-1 and SEJ-2, SOUTHEAST JESSAMINE RURAL WATER EXTENSIONS AND STANDPIPE CONSTRUCTION**, as well as the **FINAL ENGINEERING REPORT** and I am of the opinion that the project as designed and presented is engineered correctly, further our calculations and hydraulic analysis show the system to be capable of proper operation.

Signed L. CHRISTOPHER HORNE

Date 6/21/99

APPENDIX A

BID

Proposal of KENNEY, INC.
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of Kentucky doing business
as a corporation * To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

NONE

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>7.50</u>	163500	\$ <u>1,226,250.00</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>7.95</u>	60000	\$ <u>477,000.00</u> ✓
3.	6" Duct. Iron Water Main cl300	BF	\$ <u>15.00</u>	5630	\$ <u>84,450.00</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>440.00</u>	138	\$ <u>60,720.00</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>1,800.00</u>	100	\$ <u>180,000.00</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>350.00</u>	85	\$ <u>29,750.00</u> ✓
7.	Bore and Case	LF	\$ <u>100.00</u>	555	\$ <u>55,500.00</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>345.00</u>	260	\$ <u>89,700.00</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>450.00</u>	114	\$ <u>51,300.00</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ <u>18,265.00</u>	3	\$ <u>54,795.00</u>
11.	Concrete Encasement	LF	\$ <u>60.00</u>	670	\$ <u>40,200.00</u>
12.	Stream Meter Assembly	ea	\$ <u>1,420.00</u>	10	\$ <u>14,200.00</u>
13.	3/4" PE Tubing (Long Services)	LF	\$ <u>8.70</u>	4000	\$ <u>34,800.00</u>
14.	Marker Tape	LF	\$ <u>.10</u>	229130	\$ <u>22,913.00</u>

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

BID TOTAL Two Million Four Hundred Twenty One Thousand DOLLARS NO CENTS
(in written form) Five Hundred Seventy Eight

DATE May 12, 1999 TOTAL BID \$ 2,421,578.00 *ck*

Respectfully submitted:

Harlan C. Kenney
Signature

HARLAN C. KENNEY
Print Name

President
Title

KENNEY, INC.
Firm Name

(606) 498-3686
Phone Number

P.O. Box 1305
Address

Mt. Sterling, KY 40353
City/Zip

SEAL (if bid is by corporation)

ck
5/13/99

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the
undersigned, KENNEY, INC.

FRONTIER INSURANCE COMPANY as Principal, and
FRONTIER INSURANCE COMPANY as Surety, are hereby held
and firmly bound unto Jessamine S. Elkhorn Water Dist as OWNER in the penal
sum of 5% of Amount Bid for the payment of which,
well and truly to be made, we hereby jointly and severally bind
ourselves, successors and assigns.

Signed, this 12th day of May,
19 99. The Condition of the above obligation is such that
whereas the Principal has submitted to Jessamine S. Elkhorn Water Dist a certain
BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the Contract SEJ-1
Water Distribution System, Southeast Jessamine

Rural Water Project

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attachment hereto (Properly completed in accordance with said BID) and shall furnish a BOND for faithful performance of said contract, and for the payment of all persons performing labor furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

COMPLIANCE STATEMENT

This statement relates to a proposed contract with _____

Jessamine South Elkhorn Water District

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that - - -

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES


A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date May 12, 1999

P.O. Box 1305
Mt. Sterling, KY 40353

Address (including Zip Code)



Signature of Bidder or Prospective Contractor
Anne Kenney, Secretary

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

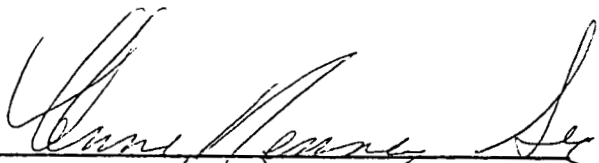
The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



(name) Anne Kenney

May 12, 1999

(date)

Secretary

(title)

oOo



POWER OF ATTORNEY

Know All Men By These Presents: That FRONTIER INSURANCE COMPANY, a New York Corporation, having its principal office in Rock Hill, New York, pursuant to the following resolution, adopted by the Board of Directors of the Corporation on the 4th day of November, 1985:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

This Power of Attorney is signed and sealed in facsimile under and by the authority of the above Resolution.

DOES HEREBY MAKE, CONSTITUTE AND APPOINT: **James T. Smith John B. Manus Roger A. Neal
Raymond M. Hundley Brook T. Smith Kathy Hobbs**

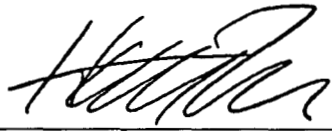
of **Louisville** in the State of **Kentucky**
its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred in its name, place and stead to sign, execute, acknowledge and deliver in its behalf, and as its act and deed, without power of redelegation, as follows:

Bonds guaranteeing the fidelity of persons holding places of public or private trust; guaranteeing the performance of contracts other than insurance policies; and executing or guaranteeing bonds and undertakings required or permitted in all actions or proceedings or by law allowed; IN AN AMOUNT NOT TO EXCEED THREE MILLION FIVE HUNDRED THOUSAND (\$3,500,000.00) DOLLARS; and to bind FRONTIER INSURANCE COMPANY thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of FRONTIER INSURANCE COMPANY, and all the acts of said Attorney(s)-in-Fact pursuant to the authority herein given are hereby ratified and confirmed.

In Witness Whereof, FRONTIER INSURANCE COMPANY of Rock Hill, New York, has caused this Power of Attorney to be signed by its President and its Corporate seal to be affixed this **29th** day of **April**, 19 **97**.

FRONTIER INSURANCE COMPANY




BY: 
HARRY W. RHULEN, President

State of New York
County of Sullivan ss.:

On this **29th** day of **April**, 19 **97**, before the subscriber, a Notary Public of the State of New York in and for the County of Sullivan, duly commissioned and qualified, came **HARRY W. RHULEN** of FRONTIER INSURANCE COMPANY to me personally known to be the individual and officer described herein, and who executed the preceding instrument, and acknowledged the execution of the same, and being by me duly sworn, deposed and said, that he is the officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of the Company, and the Corporate Seal and signature as an officer were duly affixed and subscribed to the said instrument by the authority and direction of the Corporation, and that the resolution of the Company, referred to in the preceding instrument, is now in force.

In Testimony Whereof, I have hereunto set my hand, and affixed my official seal at Rock Hill, New York, the day and year above written.




NANCY V. PIERRO
Notary Public State of New York
Sullivan County Clerk's No. 2395
Commission Expires July 8, 1998

CERTIFICATION

I, **JOSEPH P. LOUGHLIN**, Secretary of FRONTIER INSURANCE COMPANY of Rock Hill, New York, do hereby certify that the foregoing Resolution adopted by the Board of Directors of this Corporation and the Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolution and the Powers of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the facsimile seal of the corporation this **12th** day of **May**, 19 **99**




JOSEPH P. LOUGHLIN, Secretary

BID

Proposal of Alpha Reclamation Contracting Inc.
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of Kentucky doing business
as Corporation *. To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the
undersigned, _____

_____ as Principal, and
_____ as Surety, are hereby held
and firmly bound unto _____ as OWNER in the penal
sum of _____ for the payment of which,
well and truly to be made, we hereby jointly and severally bind
ourselves, successors and assigns.

Signed, this _____ day of _____,
19_____. The Condition of the above obligation is such that
whereas the Principal has submitted to _____ a certain
BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the _____

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute
and deliver a contract in the Form of Contract attachment hereto
(Properly completed in accordance with said BID) and shall furnish
a BOND for faithful performance of said contract, and for the
payment of all persons performing labor furnishing materials in
connection therewith, and shall in all other respects perform the
agreement created by the acceptance of said BID, then this
obligation shall be void, otherwise the same shall remain in force
and effect; it being expressly understood and agreed that the
liability of the Surety for any and all claims hereunder shall, in
no event, exceed the penal amount of this obligation as herein
stated.

BIDDER acknowledges receipt of the following ADDENDUM:

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>8.50</u>	163500	\$ <u>1,389,750.00</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>9.00</u>	60000	\$ <u>540,000.00</u> ✓
3.	6" Duct. Iron Water Main cl300	BF	\$ <u>25.00</u>	5630	\$ <u>140,750.00</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>500.00</u>	138	\$ <u>69,000.00</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>2000.00</u>	100	\$ <u>200,000.00</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>1000.00</u>	85	\$ <u>85,000.00</u> ✓
7.	Bore and Case	LF	\$ <u>150.00</u>	555	\$ <u>83,250.00</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>400.00</u>	260	\$ <u>104,000.00</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>425.00</u>	114	\$ <u>48,450.00</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ <u>14,000.00</u>	3	\$ <u>42,000.00</u> ✓
11.	Concrete Encasement	LF	\$ <u>50.00</u>	670	\$ <u>33,500.00</u> ✓
12.	Stream Meter Assembly	ea	\$ <u>1,000.00</u>	10	\$ <u>10,000.00</u> ✓
13.	3/4" PE Tubing (Long Services)	LF	\$ <u>3.50</u>	4000	\$ <u>14,000.00</u> ✓
14.	Marker Tape	LF	\$ <u>104</u>	229130	\$ <u>22,931.00</u> ✓ 22,913.00 5/13/99

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

Two Million Seven Hundred Eighty Two Thousand

BID TOTAL Six Hundred Thirty One Thousand DOLLARS NO CENTS
(in written form) Thirteen

DATE 5-8-99 TOTAL BID \$ 2,782,631.00 ✓ 2,782,613.00
5/13/99

Respectfully submitted:

Charles Jones
Signature

HARRY JONES
Print Name

V. President
Title

ALPHA RECLAMATION CONTRACTING INC.
Firm Name

(606) 745-3093
Phone Number

900 Sewell Shop Road
Address

Winchester Ky 40391
City/Zip

SEAL (if bid is by corporation)

COMPLIANCE STATEMENT

This statement relates to a proposed contract with Alpha Reclamation Contracting Inc

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that ---

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date 5-8-99
900 Sewall Street Road
Winchester Ky 40391
Address (including Zip Code)

[Signature]
Signature of Bidder or Prospective Contractor

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Alamy Jones
(name)

5-9-99
(date)

V. President
(title)

oOo

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we Alpha Reclamation Contracting, Inc. (Here insert full name and address or legal title of Contractor) 900 Sewell Shop Rd., Winchester, KY 40391-9613

as Principal, hereinafter called the Principal, and United Fire & Casualty Company (Here insert full name and address or legal title of Surety) 118 Second Avenue SE, Cedar Rapids, IA 52407

a corporation duly organized under the laws of the State of IOWA as Surety, hereinafter called the Surety, are held and firmly bound unto Jessaman South Elkhorn Water District, 200 W. Maple Street, Nicholasville, KY 40356 (Here insert full name and address or legal title of Owner)

as Obligee, hereinafter called the Obligee, in the sum of five percent of the amount bid

Dollars (\$5% of bid), for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for (Here insert full name, address and description of project) Water Distribution System

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12th day of May 19 99

Signature of witness: Mike Atkinson (Witness)

Alpha Reclamation Contracting, Inc. (Principal) (Seal)

BY: Harry Jones (Title)

Signature of witness: Susan Hogan (Witness)

United Fire & Casualty Company (Surety) (Seal)

BY: Brook T. Smith (Title)

Brook T. Smith, Attorney-in-Fact



UNITED FIRE & CASUALTY COMPANY

HOME OFFICE - CEDAR RAPIDS, IOWA

CERTIFIED COPY OF POWER OF ATTORNEY

(Original on file at Home Office of Company - See Certification)

KNOW ALL MEN BY THESE PRESENTS, That the UNITED FIRE & CASUALTY COMPANY, a corporation duly organized and existing under the laws of the State of Iowa, and having its Principal office in Cedar Rapids, State of Iowa, does make, constitute and appoint JAMES T. SMITH, OR JOHN B. MANUS, OR ROGER A. NEAL, OR LINDA GIBSON, OR LINDA KAPFHAMMER, OR TAMMY MASTERSON, OR BROOK T. SMITH OR KATHY HOBBS, OR RAYMOND M. HUNDLEY, ALL INDIVIDUALLY

of PO BOX 98 LOUISVILLE KY 40201

its true and lawful Attorney(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature as follows: ANY AND ALL BONDS

and to bind UNITED FIRE & CASUALTY COMPANY thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of UNITED FIRE & CASUALTY COMPANY and all the acts of said Attorney, pursuant to the authority hereby given are hereby ratified and confirmed.

The Authority hereby granted shall expire NOVEMBER 9th 1999 unless sooner revoked.

This power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company on April 18, 1973.

"Article V - Surety Bonds and Undertakings."

Section 2, Appointment of Attorney-in-Fact. "The President or any Vice President, or any other officer of the Company, may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The President or any Vice President, the Board of Directors or any other officer of the Company may at any time revoke all power and authority previously given to any attorney-in-fact.

IN WITNESS WHEREOF, the UNITED FIRE & CASUALTY COMPANY has caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 9th day of NOVEMBER, A.D. 1997

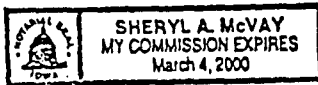


UNITED FIRE & CASUALTY COMPANY

By Jeffrey A. Chapin Assistant Vice President

State of Iowa, County of Linn, ss:

On this 9th day of NOVEMBER 1997, before me personally came JEFFREY A. CHAPIN to me known, who being by me duly sworn, did depose and say: that he resides in Cedar Rapids, State of Iowa; that he is a Vice President of the UNITED FIRE & CASUALTY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporation seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.



Sheryl A. McVay Notary Public

My commission expires MARCH 4, 2000

CERTIFICATION

I, the undersigned officer of the UNITED FIRE & CASUALTY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID COMPANY, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Company this 12th day of May 19 99



Secretary

BID

Proposal of HP CONTRACTING, INC.
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of KENTUCKY doing business
as A CORPORATION *. To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

NONE

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>8.75</u>	163500	\$ <u>1,430,625.⁰⁰</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>9.25</u>	60000	\$ <u>555,000.⁰⁰</u> ✓
3.	6" Duct. Iron Water Main cl300	BF	\$ <u>14.75</u>	5630	\$ <u>83,042.⁵⁰</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>475.⁰⁰</u>	138	\$ <u>65,550.⁰⁰</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>1720.⁰⁰</u>	100	\$ <u>172,000.⁰⁰</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>600.⁰⁰</u>	85	\$ <u>51,000.⁰⁰</u> ✓
7.	Bore and Case	LF	\$ <u>115.⁰⁰</u>	555	\$ <u>63,825.⁰⁰</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>450.⁰⁰</u>	260	\$ <u>117,000.⁰⁰</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>525.⁰⁰</u>	114	\$ <u>59,850.⁰⁰</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ <u>18,500.⁰⁰</u>	3	\$ <u>55,500.⁰⁰</u> ✓
11.	Concrete Encasement	LF	\$ <u>95.⁰⁰</u>	670	\$ <u>63,650.⁰⁰</u> ✓
12.	Stream Meter Assembly	ea	\$ <u>3300.⁰⁰</u>	10	\$ <u>33,000.⁰⁰</u> ✓
13.	3/4" PE Tubing (Long Services)	LF	\$ <u>8.⁰⁰</u>	4000	\$ <u>32,000.⁰⁰</u> ✓
14.	Marker Tape	LF	\$ <u>.10</u>	229130	\$ <u>22,913.⁰⁰</u> ✓

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

BID TOTAL Two Million Eight Hundred Four Thousand ^{NINE HUNDRED FIFTY FIVE} DOLLARS FIFTY CENTS
(in written form)

DATE 5-12-99 TOTAL BID \$ 2,804,955.⁵⁰ ^{OK} _{5/13/99}

Respectfully submitted:

[Signature]
Signature

LEE GREER JR.
Print Name

President
Title

HP CONTRACTING, INC.
Firm Name

()
Phone Number

P.O. Box 8 - PARIS, KY 40362
Address

PARIS, KY 40362
City/Zip

SEAL (if bid is by corporation)

COMPLIANCE STATEMENT

This statement relates to a proposed contract with JESSAMINE South
ELKHORN WATER DISTRICT

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that -----

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS


The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



(name)

5-12-99

(date)

President

(title)

oOo



Mid-State Surety Corporation
 76 Kercheval
 Grosse Pointe Farms, MI 48236

BID BOND

BOND NO.

KNOW ALL MEN BY THESE PRESENTS, That we, HP CONTRACTING, INC.
 P.O. Box 8
 Paris, KY 40362

as Principal, and MID-STATE SURETY CORPORATION, a corporation duly organized under the laws of the State of Michigan as Surety, are held and firmly bound unto
 JESSAMINE SOUTH ELKHORN WATER DISTRICT, Jerry Haws, Chairman, 200 West Maple St.,
 Nicholasville, KY 40356

as Obligee, in the sum of Five percent of bid amount

Dollars (\$ 5% of Bid)

for the payment of which Principal and Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Principal has submitted a bid for
 Southeast Water Project - (A) Contract SEJ-1 Water Main

, the Project.

NOW, THEREFORE, if the Obligee accepts the bid of the Principal and the Principal enters into a Contract with the Obligee for the Project; or, if the Principal pays the Obligee the amount of this Bond or the difference between Principal's bid and the next lowest bid for the Project, whichever is less: this obligation is null and void, otherwise to remain full force and effect.

Signed and sealed this 12 day of May, 19 99

HP CONTRACTING, INC.
 (Principal)

[Signature]
 (Witness)

BY:

[Signature]

ITS:

President

[Signature]
 (Witness)

MID-STATE SURETY CORPORATION
Joy M. Orahood
 Attorney-In-Fact
 Joy M. Orahood

MID-STATE SURETY CORPORATION

GROSSE POINTE FARMS, MICHIGAN 48236

POWER OF ATTORNEY

Know All Men By These Presents:

That the MID-STATE SURETY CORPORATION, a corporation of the State of MICHIGAN, having its principal office in the City of Grosse Pointe Farms, Michigan pursuant to authority granted by a resolution of its Board of Directors, which reads as follows:

The President, the Vice President, or the Treasurer of this Corporation shall have authority to appoint in writing such attorneys-in-fact, as the business of the Corporation may require, and to authorize such attorneys-in-fact, and each of them to execute on behalf of the Corporation, any bonds, recognizances, stipulations, contracts of indemnity and other undertakings of like character, or to exercise any lesser number of said powers as hereinbefore set forth.

Said appointments shall be attested by the Secretary or a Vice President of this Corporation under its seal. The signature of the Secretary or any Vice President to certified copies of such powers of attorney may be original or facsimile, and when the corporate seal is affixed thereto, any third party may rely on said certified copies of powers of attorney as the act and deed of this Corporation. The President, the Vice President, or Treasurer may revoke any appointment made pursuant hereto, and revoke any and all authority conferred by any such appointment."

does hereby nominate, constitute and appoint

JOY M. ORAHOOD OR NATHANIEL J. HALE OF BRENTWOOD, TENNESSEE; BRIAN L. SEWELL OR JACQUELINE B. SEATON OF BOWLING GREEN, KENTUCKY; KATHERINE S. CRAYCRAFT OR ANNA H. GAYHEART OF LEXINGTON, KENTUCKY

as true and lawful Attorney-in-Fact, to make, execute, seal and deliver for and on its behalf, as Surety, and its act and deed.

Any and all bonds in an amount not exceeding \$10,000,000.00 in any single instance, for or on behalf of this Company, in its business and in accordance with its charter, and to bind MID-STATE SURETY CORPORATION, thereby, and all of the acts of said Attorney-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

IN WITNESS WHEREOF, MID-STATE SURETY CORPORATION of Grosse Pointe Farms, Michigan, has caused these presents to be signed by its proper officer.

and its corporate seal to be hereunto affixed this 10th day of June, 19 94.

MID-STATE SURETY CORPORATION

[Signature]
JOHN J. BARRY, PRESIDENT

STATE OF MICHIGAN, COUNTY OF WAYNE

On this 10th day of June, A.D. 19 94, personally came before me JOHN J. BARRY, to me known to be the individual and officer of the MID-STATE SURETY CORPORATION of Grosse Pointe Farms, Michigan, who executed the above instrument, and acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that he is the said officer of the Corporation aforesaid and the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the Board of Directors of said Corporation.

[Signature]
DEBORAH ANN WYNN, Notary Public
Notary Public, Oakland County, MI
My Commission Expires Apr. 2, 1999

My Commission Expires _____

I, the undersigned, Vice President of the Mid-State Surety Corporation of Grosse Pointe Farms, Michigan, a Michigan corporation, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked, and furthermore that the provisions of the By-Laws of the company and the Resolutions of the Board of Directors set forth in the Power of Attorney, are still in force.

Signed and sealed at the City of Grosse Pointe Farms this 12 day of May, 19 99

(Seal)

[Signature]
JOSEPH A. SPRYS, VICE PRESIDENT

BID

Proposal of LAUREL CONSTRUCTION CO., INC.
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of KENTUCKY doing business
as CORPORATION *. To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>10.40</u>	163500	\$ <u>1,700,400.00</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>11.00</u>	60000	\$ <u>660,000.00</u> ✓
3.	6" Duct. Iron Water Main cl300	LF	\$ <u>18.00</u>	5630	\$ <u>101,340.00</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>350.00</u>	138	\$ <u>48,300.00</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>1000.00</u>	100	\$ <u>100,000.00</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>170.00</u>	85	\$ <u>14,450.00</u> ✓
7.	Bore and Case	LF	\$ <u>60.00</u>	555	\$ <u>33,300.00</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>380.00</u>	260	\$ <u>98,800.00</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>430.00</u>	114	\$ <u>49,020.00</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ <u>10,000.00</u>	3	\$ <u>30,000.00</u> ✓
11.	Concrete Encasement	LF	\$ <u>10.00</u>	670	\$ <u>6,700.00</u> ✓
12.	Stream Meter Assembly	ea	\$ <u>2,500.00</u>	10	\$ <u>25,000.00</u> ✓
13.	3/4" PE Tubing (Long Services)	LF	\$ <u>6.00</u>	4000	\$ <u>24,000.00</u> ✓
14.	Marker Tape	LF	\$ <u>.35</u>	229130	\$ <u>80,195.50</u> ✓

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

BID TOTAL Two Million Nine Hundred Seventy-one DOLLARS FIFTY CENTS
Five Hundred Five
(in written form)

DATE MAY 12, 1999 TOTAL BID \$ 2,971,505.50 *ck*
cy
5/13/99

Respectfully submitted:

Delmas Philpot
Signature

DELMAS PHILPOT
Print Name

PRESIDENT
Title

LAUREL CONSTRUCTION CO., INC.
Firm Name

(606) 878-8812
Phone Number

5209 SOMERSET ROAD
Address

LONDON, KENTUCKY 40741
City/Zip

SEAL (if bid is by corporation)

COMPLIANCE STATEMENT

This statement relates to a proposed contract with _____

JESSAMINE SOUTH ELKHORN WATER DISTRICT

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that -----

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

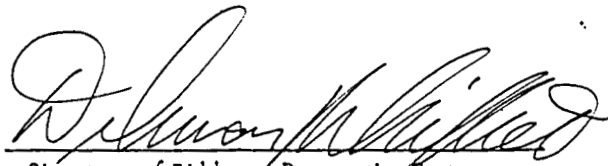
A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date MAY 12, 1999

5209 SOMERSET ROAD
LONDON, KENTUCKY 40741

Address (including Zip Code)


Signature of Bidder or Prospective Contractor

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

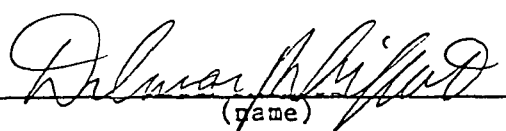
The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



(name)

MAY 12, 1999

(date)

PRESIDENT

(title)

oOo

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we Laurel Construction Company, Inc.
5209 Somerset Road, London, KY 40741 (Here insert full name and address or legal title of Contractor)

as Principal, hereinafter called the Principal, and American Casualty Company of Reading, PA
(Here insert full name and address or legal title of Surety)

a corporation duly organized under the laws of the State of Pennsylvania
as Surety, hereinafter called the Surety, are held and firmly bound unto JESSAMINE SOUTH ELKHORN WATER
(Here insert full name and address or legal title of Owner)
DISTRICT
JESSAMINE CO. COURTHOUSE
NICHOLASVILLE, KY 40356

as Obligee, hereinafter called the Obligee, in the sum of FIVE PERCENT OF AMOUNT BID

Dollars (\$ 5% OF AMT BID)
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind
ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by
these presents.

WHEREAS, the Principal has submitted a bid for SEJ-1 WATER DISTRIBUTION SYSTEM
(Here insert full name, address and description of project)

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract
with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding
or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt
payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter
such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty
hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract
with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain
in full force and effect.

Signed and sealed this 12TH day of MAY 19 99

Kim Dakley
(Witness)

Laurel Construction Company, Inc.
(Principal) (Seal)
Delmar Williams PRESIDENT
(Title)

W. H. Davis
(Witness)

American Casualty Company of Reading, PA
(Surety) (Seal)
Linda Gibson
Linda Gibson, Attorney-In-Fact

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

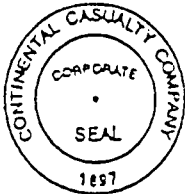
Know All Men By These Presents, That CONTINENTAL CASUALTY COMPANY, an Illinois corporation, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, a Connecticut corporation, AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA, a Pennsylvania corporation (herein collectively called "the CCC Surety Companies"), are duly organized and existing corporations having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signature and seals herein affixed hereby make, constitute and appoint James T. Smith, John B. Manus, Roger A. Neal, Brook T. Smith, Linda Gibson, Linda Kapfhammer, Tammy Masterson, Raymond M. Hundley, James H. Martin, Individually

of Louisville, Kentucky their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature - In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their corporations and all the acts of said Attorney, pursuant to the authority hereby given are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Laws and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the corporations.

In Witness Whereof, the CCC Surety Companies have caused these presents to be signed by their Group Vice President and their corporate seals to be hereto affixed on this 11th day of December, 1997



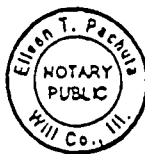
CONTINENTAL CASUALTY COMPANY NATIONAL FIRE INSURANCE COMPANY OF HARTFORD AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA

Marvin J. Cashion

Marvin J. Cashion Group Vice President

State of Illinois, County of Will, ss:

On this 11th day of December, 1997, before me personally came Marvin J. Cashion, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Chicago, State of Illinois; that he is a Group Vice President of CONTINENTAL CASUALTY COMPANY, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, and AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA described in and which executed the above instrument; that he knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



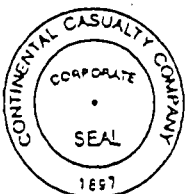
Eileen T. Pachuta

My Commission Expires June 5, 2000

Eileen T. Pachuta Notary Public

CERTIFICATE

I, Mary A. Ribikawskis, Assistant Secretary of CONTINENTAL CASUALTY COMPANY, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, and AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of each corporation printed on the reverse hereof are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seals of the said corporations this 12TH day of MAY, 1999



CONTINENTAL CASUALTY COMPANY NATIONAL FIRE INSURANCE COMPANY OF HARTFORD AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA

Mary A. Ribikawskis

Mary A. Ribikawskis Assistant Secretary

BID

Proposal of D. F. Bailey, Inc.
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of Kentucky doing business
as A Corporation *. To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>9.10</u>	163500	\$ <u>1,487,850.00</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>9.45</u>	60000	\$ <u>567,000.00</u> ✓
3.	6" Duct. Iron Water Main cl300	BF	\$ <u>26.35</u>	5630	\$ <u>148,350.50</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>470.00</u>	138	\$ <u>64,860.00</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>2,000.00</u>	100	\$ <u>200,000.00</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>475.00</u>	85	\$ <u>40,375.00</u> ✓
7.	Bore and Case	LF	\$ <u>65.00</u>	555	\$ <u>36,075.00</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>655.00</u>	260	\$ <u>170,300.00</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>700.00</u>	114	\$ <u>79,800.00</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ 13,500.00	3	\$ 40,500.00 ✓
11.	Concrete Encasement	LF	\$ 100.00	670	\$ 67,000.00 ✓
12.	Stream Meter Assembly	ea	\$ 2,800.00	10	\$ 28,000.00 ✓
13.	3/4" PE Tubing (Long Services)	LF	\$ 6.75	4000	\$ 27,000.00 ✓
14.	Marker Tape	LF	\$ 0.10	229130	\$ 22,913.00 ✓

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

BID TOTAL Two Million, Nine Hundred Eighty Thousand, Twenty-Three DOLLARS Fifty CENTS
 (in written form)

DATE 5/12/99

TOTAL BID \$ 2,980,023.50 ✓

ok
 5/13/99

Respectfully submitted:

David Bailey
 Signature

David Bailey
 Print Name

President
 Title

D. F. Bailey, Inc.
 Firm Name

(606) 674-2636
 Phone Number

P.O. Box 439
 Address

Owingsville, KY 40360
 City/Zip

SEAL (if bid is by corporation)

COMPLIANCE STATEMENT

This statement relates to a proposed contract with _____

Jessamine South Elkhorn Water District

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that ---

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.


I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date May 12, 1999


Signature of Bidder or Prospective Contractor

Owingsville, KY 40360
Address (including Zip Code)

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.


(name)

May 12, 1999

(date)

President
(title)

oOo

Bond No.

Fidelity and Deposit Company

POST OFFICE BOX 1227

OF MARYLAND

BALTIMORE, MD 21203

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, D. F. Bailey, Inc.

P.O. Box 439, Owingsville, KY 40360

....., as Principal, (hereinafter called the "Principal"),
and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, P.O. Box 1227, Baltimore, Maryland 21203, a corporation
duly organized under the laws of the State of Maryland, as Surety, (hereinafter called the "Surety"), are held and
firmly bound unto Jessamine South Elkhorn Water District

117 South Main Street, Nicholasville, KY 40356

..... as Obligee, (hereinafter called the "Obligee"),
in the sum of Five Percent of the Total Base Bid _____ Dollars (\$ 5%*****),
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs,
executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for Water Distribution System - Contract SEJ-1

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract
with the Obligee in accordance with the terms of such bid and give such bond or bonds as may be specified in the bidding
or contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt
payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter
into such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed
the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good
faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void,
otherwise to remain in full force and effect.

Signed and sealed this 12th day of May A.D., 1999

Fern Bailey
Witness

D.F. Bailey, Inc. (SEAL)
Principal

by David F. Bailey
David F. Bailey, President Title

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Carol Schieler
Witness

Surety
By Mary A. Veach (SEAL)
Mary A. Veach, Attorney-in-fact

Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
HOME OFFICE: P.O. BOX 1227, BALTIMORE, MD 21203-1227

Know ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by W. B. WALBRECHER, Vice-President, and T. E. SMITH, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint **Ronald B. LeMaster, Mary A. Veach, Eric B. LeMaster, Carol L. Schisler and Timothy R. Perry, all of South Shore, Kentucky, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed, any and all bonds and undertakings and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of Ronald B. LeMaster, Mary A. Veach, Eric B. LeMaster, Carol L. Starrett and Timothy R. Perry, dated August 10, 1998.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 11th day of September, A.D. 1998.

ATTEST:

FIDELITY AND DEPOSIT COMPANY OF MARYLAND



T. E. Smith

T. E. Smith Assistant Secretary

W. B. Walbrecher

By: W. B. Walbrecher Vice-President

State of Maryland } ss:
County of Baltimore }

On this 11th day of September, A.D. 1998, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came W. B. Walbrecher, Vice-President and T. E. Smith, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposed and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Carol J. Fader

Carol J. Fader Notary Public
My Commission Expires: August 1, 2000

EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND

"Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertaking, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages,...and to affix the seal of the Company thereto."

CERTIFICATE

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company, this

12th day of May, 1999.

J. D. Watis

Assistant Secretary

BID

Proposal of Shepherd Const & Inc
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of Ky doing business
as a corporation * To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

None

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>11.80</u>	163500	\$ <u>1,929,300⁰⁰</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>12.50</u>	60000	\$ <u>750,000⁰⁰</u> ✓ \$750,000 5/13
3.	6" Duct. Iron Water Main cl300	BF	\$ <u>15.50</u>	5630	\$ <u>87,265⁰⁰</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>350⁰⁰</u>	138	\$ <u>48,300⁰⁰</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>1900⁰⁰</u>	100	\$ <u>190,000⁰⁰</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>800⁰⁰</u>	85	\$ <u>68,000⁰⁰</u> ✓
7.	Bore and Case	LF	\$ <u>125⁰⁰</u>	555	\$ <u>69,375⁰⁰</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>446⁰⁰</u>	260	\$ <u>115,960⁰⁰</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>550⁰⁰</u>	114	\$ <u>62,700⁰⁰</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ <u>6100⁰⁰</u>	3	\$ <u>18,300⁰⁰</u> ✓
11.	Concrete Encasement	LF	\$ <u>15⁵⁰</u>	670	\$ <u>10,385⁰⁰</u> ✓
12.	Stream Meter Assembly	ea	\$ <u>2700⁰⁰</u>	10	\$ <u>27,000⁰⁰</u> ✓
13.	3/4" PE Tubing (Long Services)	LF	\$ <u>10.85</u>	4000	\$ <u>43,400⁰⁰</u> ✓
14.	Marker Tape	LF	\$ <u>0.03</u>	229130	\$ <u>6873.90</u> ✓

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

2,751,658⁹⁰
43,426,858.90

BID TOTAL two million seven hundred fifty one thousand six hundred eighty eight DOLLARS twenty CENTS
(in written form)

three million, four hundred twenty-six, eight hundred fifty eight and ninety cents.

DATE 5/22/99 TOTAL BID \$ 2,751,658⁹⁰ 43,426,858.90
cy
5/13/99

Respectfully submitted:

James O. Shepherd JAMES O. Shepherd
Signature Print Name

Renovant Shepherd Const Inc
Title Firm Name

() Box 3399 Dutch Ridge
Phone Number Address

Augusta Ky 41002
City/Zip

SEAL (if bid is by corporation)

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____

_____ as Principal, and
_____ as Surety, are hereby held
and firmly bound unto _____ as OWNER in the penal
sum of _____ for the payment of which,
well and truly to be made, we hereby jointly and severally bind
ourselves, successors and assigns.

Signed, this _____ day of _____,
19_____. The Condition of the above obligation is such that
whereas the Principal has submitted to _____ a certain
BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the _____

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute
and deliver a contract in the Form of Contract attachment hereto
(Properly completed in accordance with said BID) and shall furnish
a BOND for faithful performance of said contract, and for the
payment of all persons performing labor furnishing materials in
connection therewith, and shall in all other respects perform the
agreement created by the acceptance of said BID, then this
obligation shall be void, otherwise the same shall remain in force
and effect; it being expressly understood and agreed that the
liability of the Surety for any and all claims hereunder shall, in
no event, exceed the penal amount of this obligation as herein
stated.

COMPLIANCE STATEMENT

This statement relates to a proposed contract with Jesse G. West Telephon
Water District

(Name of borrower or grantee).

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that ---

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date

5/12/79

James D. Dupont / President
Signature of Bidder or Prospective Contractor

3399

Dutch Ridge Rd. Apt. 201 Ky 40122

Address (including Zip Code)

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

James C. Shubert
(name)

5/12/99
(date)

President
(title)

oOo

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

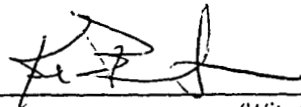
KNOW ALL MEN BY THESE PRESENTS, that we
(Here insert full name and address or legal title of Contractor)
SHEPHERD CONSTRUCTION, INC, 3399 DUTCH RIDGE RD, AUGUSTA, KY 41002
as Principal, hereinafter called the Principal, and
(Here insert full name and address or legal title of Surety)
INTERCARGO INSURANCE COMPANY, 1450 E AMERICAN LN, SCHAUMBURG, IL 60173
a corporation duly organized under the laws of the State of ILLINOIS
as Surety, hereinafter called the Surety, are held and firmly bound unto
(Here insert full name and address or legal title of Owner)
JESSAMINIE SOUTH ELKHORN WATER DISTRICT
101 N MAIN ST, NICHOLASVILLE, KY
as Obligee, hereinafter called the Obligee, in the sum of FIVE PERCENT

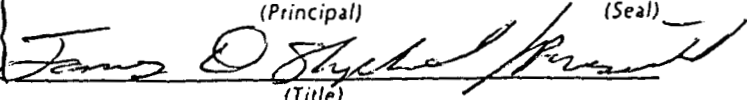
Dollars (\$ 5% OF BID),
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

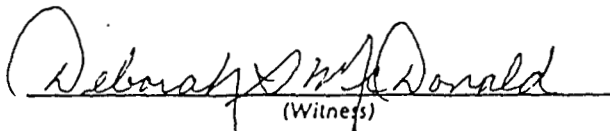
WHEREAS, the Principal has submitted a bid for
(Here insert full name, address and description of project)
RURAL 6" WATER LINE, WATER DISTRIBUTION SYSTEM, NICHOLASVILLE, KY
CONTRACT SEJ 1

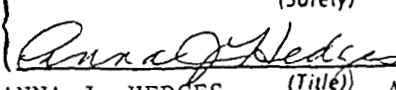
NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12TH day of MAY 19 99


(Witness)

SHEPHERD CONSTRUCTION, INC
(Principal) (Seal)

(Title)


(Witness)

INTERCARGO INSURANCE COMPANY
(Surety) (Seal)

(Title) ANNA J. HEDGES ATTORNEY-IN-FACT

LIMITED POWER OF ATTORNEY
INTERCARGO INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That the INTERCARGO INSURANCE COMPANY, a corporation organized and existing by virtue of the laws of the State of Illinois, does hereby nominate, constitute and appoint, *Edward T. Roeding, Kenneth R. Roeding, Stephen T. Roeding, Thomas J. Galloway, And Anna J. Hedges As Employees Of Roeding Insurance*, its true and lawful Attorneys-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, the penal sum of no one of which is in any event to exceed \$5,000,000.00 as required by *Surety Bond Obligees*.

Such bonds and undertakings, when duly executed by the aforesaid Attorneys-in-fact shall be binding upon the said Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company on the 5th day of December, 1988:

"RESOLVED, That the President, or any Vice President of the Company or any person designated by any one of them is hereby authorized to execute Powers of Attorney qualifying the attorney named in the given Power of Attorney to execute in behalf of the Company, bonds, undertakings and all contracts of suretyship, and that any Secretary or any Assistant Secretary of the Company be, and that each or any of them hereby is authorized to attest the execution of any such Power of Attorney, and to attach thereto the Seal of the Company.

FURTHER RESOLVED, That the signature of such officers and the Seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking or contract of suretyship to which it is attached."

Bonds executed under this Power of Attorney may be executed under facsimile signature and seal pursuant to the following Resolution adopted by the Board of Directors of the Company on August 7, 1997.

"RESOLVED, That the signature of Stanley A. Galanski, as President of this Corporation, and the seal of this Corporation may be affixed or printed on any and all bonds, undertakings, recognizances, or other written obligations thereof, on any revocation of any Power of Attorney, or on any certificate relating thereto, by facsimile, and any Power of Attorney, any revocation of any Power of Attorney, bonds, undertakings, recognizances, certificate or other written obligation, bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, the INTERCARGO INSURANCE COMPANY has caused its corporate seal to be hereunto affixed, and these presents to be signed by its duly authorized officers this 8th day of August, 1997.

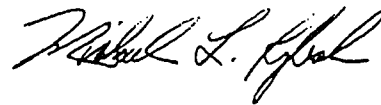
INTERCARGO INSURANCE COMPANY

BY:



PRESIDENT

ATTEST:



SECRETARY



STATE OF ILLINOIS
COUNTY OF COOK

ss.

On this 8th day of August, 1997, before me personally came Stanley A. Galanski to me known, who, being duly sworn, did depose and say: that he is President of the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto by order and authority of the Board of Directors of said Company; and that he executed the said instrument by like order and authority:



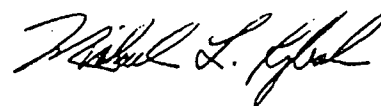
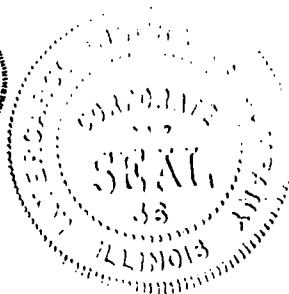
NOTARY PUBLIC

STATE OF ILLINOIS
COUNTY OF COOK

ss.

I, Michael L. Rybak, Secretary of the INTERCARGO INSURANCE COMPANY a corporation of the State of Illinois, do hereby certify that the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and that I have compared same with the original and that it is a correct transcript therefrom and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of Schaumburg, this 12TH day of MAY
19 99 .



SECRETARY



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we (Here insert full name and address or legal title of Contractor)

SHEPHERD CONSTRUCTION, INC, 3399 DUTCH RIDGE RD, AUGUSTA, KY 41002

as Principal, hereinafter called the Principal, and (Here insert full name and address or legal title of Surety)

INTERCARGO INSURANCE COMPANY, 1450 E AMERICAN LN, SCHAUMBURG, IL 60173

a corporation duly organized under the laws of the State of ILLINOIS

as Surety, hereinafter called the Surety, are held and firmly bound unto (Here insert full name and address or legal title of Owner)

JESSAMINIE SOUTH ELKHORN WATER DISTRICT

101 N MAIN ST, NICHOLASVILLE, KY

as Obligee, hereinafter called the Obligee, in the sum of FIVE PERCENT

Dollars (\$ 5% OF BID),

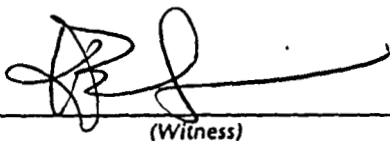
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for (Here insert full name, address and description of project)

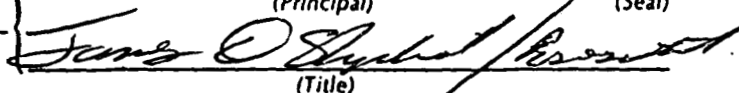
RURAL 6" WATER LINE, WATER DISTRIBUTION SYSTEM, NICHOLASVILLE, KY
CONTRACT SEJ 1

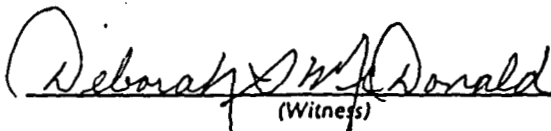
NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12TH day of MAY 19 99

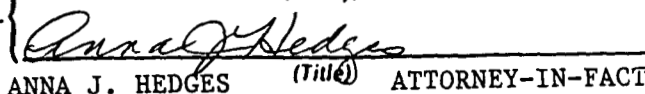

(Witness)

SHEPHERD CONSTRUCTION, INC
(Principal) (Seal)


(Title)


(Witness)

INTERCARGO INSURANCE COMPANY
(Surety) (Seal)


(Title) ANNA J. HEDGES ATTORNEY-IN-FACT

LIMITED POWER OF ATTORNEY
INTERCARGO INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That the INTERCARGO INSURANCE COMPANY, a corporation organized and existing by virtue of the laws of the State of Illinois, does hereby nominate, constitute and appoint, **Edward T. Roeding, Kenneth R. Roeding, Stephen T. Roeding, Thomas J. Galloway, And Anna J. Hedges As Employees Of Roeding Insurance**, its true and lawful Attorneys-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, the penal sum of no one of which is in any event to exceed \$5,000,000.00 as required by **Surety Bond Obligees**.

Such bonds and undertakings, when duly executed by the aforesaid Attorneys-in-fact shall be binding upon the said Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company on the 5th day of December, 1988:

"RESOLVED, That the President, or any Vice President of the Company or any person designated by any one of them is hereby authorized to execute Powers of Attorney qualifying the attorney named in the given Power of Attorney to execute in behalf of the Company, bonds, undertakings and all contracts of suretyship, and that any Secretary or any Assistant Secretary of the Company be, and that each or any of them hereby is authorized to attest the execution of any such Power of Attorney, and to attach thereto the Seal of the Company.

FURTHER RESOLVED, That the signature of such officers and the Seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking or contract of suretyship to which it is attached."

Bonds executed under this Power of Attorney may be executed under facsimile signature and seal pursuant to the following Resolution adopted by the Board of Directors of the Company on August 7, 1997.

"RESOLVED, That the signature of Stanley A. Galanski, as President of this Corporation, and the seal of this Corporation may be affixed or printed on any and all bonds, undertakings, recognizances, or other written obligations thereof, on any revocation of any Power of Attorney, or on any certificate relating thereto, by facsimile, and any Power of Attorney, any revocation of any Power of Attorney, bonds, undertakings, recognizances, certificate or other written obligation, bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, the INTERCARGO INSURANCE COMPANY has caused its corporate seal to be hereunto affixed, and these presents to be signed by its duly authorized officers this 8th day of August, 1997.

INTERCARGO INSURANCE COMPANY

Stanley A. Galanski

BY:

PRESIDENT

Michael L. Rybak

ATTEST:

SECRETARY



STATE OF ILLINOIS
COUNTY OF COOK

ss.

On this 8th day of August, 1997, before me personally came Stanley A. Galanski to me known, who, being duly sworn, did depose and say: that he is President of the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto by order and authority of the Board of Directors of said Company; and that he executed the said instrument by like order and authority:



Samantha B. Halter

NOTARY PUBLIC

STATE OF ILLINOIS
COUNTY OF COOK

ss.

I, Michael L. Rybak, Secretary of the INTERCARGO INSURANCE COMPANY a corporation of the State of Illinois, do hereby certify that the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and that I have compared same with the original and that it is a correct transcript therefrom and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of Schaumburg, this 12TH day of MAY

19 99



Michael L. Rybak

SECRETARY

BID

Proposal of CENTERS CONTRACTING, INC
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of KENTUCKY doing business
as A CORPORATION *. To
the Jessamine South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-1, Water Distribution System, Southeast Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 365 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

NONE

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
1.	6" PVC Water Main cl200	LF	\$ <u>14.05</u>	163500	\$ <u>2297175.00</u> ✓
2.	6" PVC Water Main cl250	LF	\$ <u>14.54</u>	60000	\$ <u>872400.00</u> ✓
3.	6" Duct. Iron Water Main cl300	BF	\$ <u>18.45</u>	5630	\$ <u>103873.50</u> ✓
4.	6" MJ Duct. Iron Gate Valve	ea	\$ <u>550.00</u>	138	\$ <u>75900.00</u> ✓
5.	5-1/4" Fire Hydrant Assembly	ea	\$ <u>1650.00</u>	100	\$ <u>165000.00</u> ✓
6.	1" Air Release Asm.	ea	\$ <u>425.00</u>	85	\$ <u>36125.00</u> ✓
7.	Bore and Case	LF	\$ <u>200.00</u>	555	\$ <u>111000.00</u> ✓
8.	Water Service w/o PRV	ea	\$ <u>500.00</u>	260	\$ <u>130000.00</u> ✓
9.	Water Service w/ PRV	ea	\$ <u>600.00</u>	114	\$ <u>68400.00</u> ✓

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
10.	4" Mainline PRV Vault	ea	\$ <u>10000.00</u>	3	\$ <u>30000.00</u> ✓
11.	Concrete Encasement	LF	\$ <u>125.00</u>	670	\$ <u>83750.00</u> ✓
12.	Stream Meter Assembly	ea	\$ <u>10000.00</u>	10	\$ <u>100000.00</u> ✓
13.	3/4" PE Tubing (Long Services)	LF	\$ <u>7.50</u>	4000	\$ <u>30000.00</u> ✓
14.	Marker Tape	LF	\$ <u>.10</u>	229130	\$ <u>22913.00</u> ✓

*Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

BID TOTAL FOUR MILLION ONE HUNDRED TWENTY SIX THOUSAND FIVE HUNDRED DOLLARS FIFTY CENTS
(in written form) THIRTY-SIX

DATE 5/14/99 TOTAL BID \$ 4 126 536.50 *OK*
5/13/99

Respectfully submitted:

[Signature] GLEN CENTERS
Signature Print Name

PRESIDENT CENTERS CONTRACTING, INC
Title Firm Name

(606) 578-0885 7709 CUMBERLAND FALLS HWY
Phone Number Address

CORBIN, KY 40701
City/Zip

SEAL (if bid is by corporation)

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

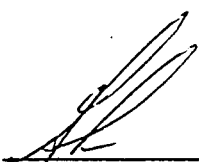
The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



(name)

May 12, 1999

(date)

GLEN CENTERS
PRESIDENT

(title)

oOo

COMPLIANCE STATEMENT

This statement relates to a proposed contract with JESSAMINE SOUTH ELKHORN
WATER DISTRICT NICHOLASVILLE KENTUCKY
(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that -----

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

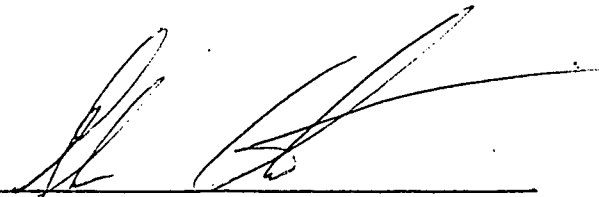
A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date May 14, 1999

CENTERS CONTRACTING, INC
2709 CUMBERLAND FALLS HWY
CORBH KENTUCKY 40701

Address (including Zip Code)



Signature of Bidder or Prospective Contractor

GLEN CENTERS, PRESIDENT

BID BOND

Conforms with The American Institute of Architects; A.I.A. Document No. A-310

KNOW ALL BY THESE PRESENTS, That we, Centers Contracting, Inc.

2709 Cumberland Falls Highway

Corbin, KY 40701 as Principal, hereinafter called the Principal,

and the National Fire Insurance Company of Hartford,

of CNA Plaza, Chicago, IL 60685, a corporation duly organized under

the laws of the State of Connecticut, as Surety, hereinafter called the Surety, are held and firmly bound unto

Jessamine South Elkhorn C/O Jessamine County Judge/Executive
Jessamine County Courthouse, 101 North Main Street, Nicholasville, KY 40356 as Obligee, hereinafter called the Obligee,

in the sum of 5% of Total Amount Bid -----

Dollars (\$ 5% of Total Amount Bid) for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for Contract #SEJ-1 - Southeast Jessamine Rural Water District - Nicholasville, Kentucky

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12th day of May, 1999.

[Signature]
Witness

Paula J Teague
Witness

CENTERS CONTRACTING, INC. (Seal)
[Signature] Principal
Title

National Fire Insurance Company of Hartford
By [Signature]
Ruth Ann Herzog, Attorney-in-Fact

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That CONTINENTAL CASUALTY COMPANY, an Illinois corporation, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, a Connecticut corporation, AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA, a Pennsylvania corporation (herein collectively called "the CCC Surety Companies"), are duly organized and existing corporations having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signature and seals herein affixed hereby make, constitute and appoint James E. Carrico, Todd P. Loehnert, Ruth Ann Herzog, John S. Meehan, Paula J. Teague, Ervin A. Stottmann, Leslye L. Arnett,

Individually

Louisville, Kentucky

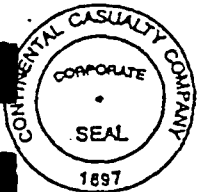
their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their corporations and all the acts of said Attorney, pursuant to the authority hereby given are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Laws and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the corporations.

In Witness Whereof, the CCC Surety Companies have caused these presents to be signed by their Group Vice President and their corporate seals to be hereto affixed on this 7th day of January, 1998.



CONTINENTAL CASUALTY COMPANY
NATIONAL FIRE INSURANCE COMPANY OF HARTFORD
AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA

Marvin J. Cashion

Marvin J. Cashion

Group Vice President

State of Illinois, County of Will, ss:

On this 7th day of January, 1998, before me personally came Marvin J. Cashion, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Chicago, State of Illinois; that he is a Group Vice President of CONTINENTAL CASUALTY COMPANY, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, and AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA described in and which executed the above instrument; that he knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



My Commission Expires June 5, 2000

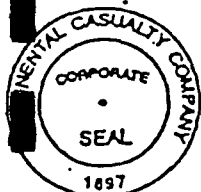
Eileen T. Pachuta

Eileen T. Pachuta

Notary Public

CERTIFICATE

I, Mary A. Ribikawskis, Assistant Secretary of CONTINENTAL CASUALTY COMPANY, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, and AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of each corporation printed on the reverse hereof are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seals of the said corporations this 12th day of May, 1999.



CONTINENTAL CASUALTY COMPANY
NATIONAL FIRE INSURANCE COMPANY OF HARTFORD
AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA

Mary A. Ribikawskis

Mary A. Ribikawskis

Assistant Secretary

BID

Proposal of FISHER TANK CO
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of PA doing business
as CORPORATION*. To
the Jessamine County South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-2, Ground Storage Tanks, Southern Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 270 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$ 500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BID SHEET
 Contract SEJ-2
 May 1999

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	117,000 Gallon Standpipes w/ associated Foundation, Piping and Vaults	2	LS	179,200	358,400 ⁰⁰
2	Site Work associated w/ Standpipe Construction	2	LS	5,000	10,000 ⁰⁰
3	Control Valve Vaults	2	ea	20,000	40,000 ⁰⁰
4	Telemetry	1	LS	100,000	100,000 ⁰⁰
CONTRACT TOTAL: \$ 508,400⁰⁰					

Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

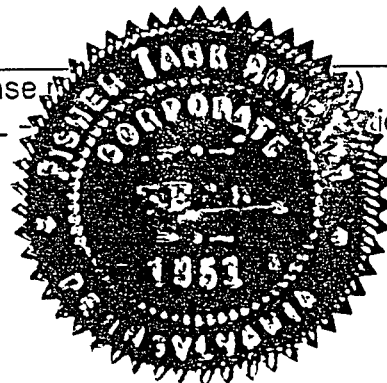
BID TOTAL: FIVE HUNDRED EIGHT THOUSAND FOUR HUNDRED dollars
(in written form)

Company (name & address):

FISHER TANK CO
PO BOX 458
CROPWELL, AL 35054
 Phone: (205) 525-0018

signed: John A. Fisher
 date: 5/10/99

License # _____
 SEAL _____ (in)



RUS Bulletin 1780-13
Attachment 3
Page 2

BIDDER acknowledges receipt of the following ADDENDUM:

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
-----	------	------	------------	--------	-------------

SEE ATTACHED BID SHEET

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____

_____ as Principal, and
_____ as Surety, are hereby held
and firmly bound unto _____ as OWNER in the penal
sum of _____ for the payment of which,
well and truly to be made, we hereby jointly and severally bind
ourselves, successors and assigns.

Signed, this _____ day of _____,
19_____. The Condition of the above obligation is such that
whereas the Principal has submitted to _____ a certain
BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the _____

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attachment hereto (Properly completed in accordance with said BID) and shall furnish a BOND for faithful performance of said contract, and for the payment of all persons performing labor furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

COMPLIANCE STATEMENT

This statement relates to a proposed contract with _____

JESSAMINE SOUTH ELKHORN WATER DISTRICT

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that ---

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date 5/10/99

P.O. Box 458

CROPWELL, AL 35054

Address (including Zip Code)

John A. Fisher
Signature of Bidder or Prospective Contractor

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

John A. Fisher
(name)

5/10/99
(date)

ASS'T SEC
(title)

oOo

Any correspondence in relation to this bond should be directed to:

BOND DEPT
WAUSAU INSURANCE COMPANIES
PO BOX 8017
WAUSAU WI 54402-8017
1-800-435-4401



Wausau Insurance Companies

Bond No. 99-2

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we, Fisher Tank Company
2330 Two Notch Road, Lexington, South Carolina 29072

as Principal, hereinafter called the Principal, and EMPLOYERS INSURANCE OF WAUSAU A Mutual Company, a corporation duly organized under the laws of the State of Wisconsin as Surety, hereinafter called the Surety are held and firmly bound unto JESSAMINE COUNTY SOUTH ELKHORN WATER DISTRICT

Obligee, hereinafter called the Obligee, in the sum of 5% OF BID AMOUNT Dollars (\$ 5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for CONTRACT SEJ-2
GROUND STORAGE TANKS

Now, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12 TH day of MAY A.D. 19 99

[Signature]
Witness

Fisher Tank Company
Principal (Seal)
By [Signature]
PAUL A. WINDHAM - VICE PRESIDENT

[Signature]
Imma Torres
Witness

EMPLOYERS INSURANCE OF WAUSAU A Mutual Company
Surety (Seal)
By [Signature]
Darella White - Attorney-in-Fact

BID

Proposal of Kentucky Glass Lined Tank Systems, Inc
(hereinafter called "BIDDER"), organized and existing under the laws of
the state of Kentucky doing business
as a corporation *. To
the Jessamine County South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-2, Ground Storage Tanks, Southern Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 270 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$ 500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

Addendum #1

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
-----	------	------	------------	--------	-------------

SEE ATTACHED BID SHEET

BID SHEET (Revised)

Contract SEJ-2

May 1999

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1A	117,000 Gallon Standpipes w/ associated Foundation, Piping and Vaults (Glass Lined Tank, Both Sites)	2	LS	149,812.00	299,624.00
1B	117,000 Gallon Standpipes w/ associated Foundation, Piping and Vaults (Welded Steel Tanks, Both Sites)	2	LS	N/A	N/A
2	Site Work associated w/ Standpipe Construction Excluding Pavement of Access	2	LS	23,490.00	46,980.00
3	Control Valve Vaults	2	ea	29,875.00	59,750.00
4	Telemetry	1	LS	99,000.00	99,000.00
5	Bituminous Pavement of Access Road - Pollard Site	1	LS	4,300.00	4,300.00
6	Bituminous Pavement of Access Road - Sugar Creek Site	1	LS	10,500.00	10,500.00
CONTRACT TOTAL: \$ 520,154.00					

Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

Five Hundred Twenty Thousand, One Hundred Fifty Four

BID TOTAL: _____ and no/100 _____ dollars
(in written form)

Company (name & address):

Kentucky Glass Lined Tank Systems, Inc.

P.O. Box 13370

Lexington, KY 40583

Phone: (606) 253-3544

signed: Barry Tippey, President
 Barry Tippey

date: 5/12/99

License number (if applicable)
 SEAL - (if BID is by a corporation)

COMPLIANCE STATEMENT

This statement relates to a proposed contract with Jessamine County South Elkhorn
Water District

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that - - - - -

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that - - -

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Kentucky Glass Lined Tank System, Inc.

Date 5/12/99

Barry Tippy
Signature of Bidder or Prospective Contractor

P.O. Box 13370
Lexington, KY 40583
Address (including Zip Code)

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Knetucky Glass Lined Tank Systems, Inc.

Barry Tippey Barry Tippey
(name)

5/12/99
(date)

President

(title)

oOo

Any correspondence in relation to
this bond should be directed to:
Wausau Insurance Companies
Bonding
Bcx 8017
Wausau, Wisconsin 54402-8017

RUS Bulletin 1780-13
Attachment 4

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the
undersigned, KENTUCKY GLASS LINED TANK SYSTEMS, INC.

EMPLOYERS INSURANCE OF WAUSAU A MUTUAL COMPANY as Principal, and
and firmly bound unto ** as Surety, are hereby held
sum of FIVE PERCENT OF THE AMOUNT BID as OWNER in the penal
well and truly to be made, we hereby jointly and severally bind
ourselves, successors and assigns.

Signed, this 12TH day of MAY,
19 99. The Condition of the above obligation is such that
whereas the Principal has submitted to ** a certain
BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the

CONTRACT SEJ-2 WATER DISTRIBUTION SYSTEM

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute
and deliver a contract in the Form of Contract attachment hereto
(Properly completed in accordance with said BID) and shall furnish
a BOND for faithful performance of said contract, and for the
payment of all persons performing labor furnishing materials in
connection therewith, and shall in all other respects perform the
agreement created by the acceptance of said BID, then this
obligation shall be void, otherwise the same shall remain in force
and effect; it being expressly understood and agreed that the
liability of the Surety for any and all claims hereunder shall, in
no event, exceed the penal amount of this obligation as herein
stated.

**JESSAMINE SOUTH ELKHORN WATER DISTRICT
200 W MAPLE ST
NICHOLASVILLE KY 40356

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

KENTUCKY GLASS LINED
TANK SYSTEMS, INC. _____ (L.S.)
Principal

BY Barry Lippey President

EMPLOYERS INSURANCE OF WAUSAU
A MUTUAL COMPANY

Surety

BY: Veronica A Meyer
VERONICA A. MEYER,
ATTORNEY-IN-FACT

IMPORTANT - Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and authorized to transact business in the State where the project is located.

Notarial Acknowledgement - Attorney in Fact

STATE OF WISCONSIN

County of MILWAUKEE

} S.S.

On this 12TH day of MAY, 19 99, before me, _____

MARIE E. MAJCHER a Notary Public in and for said

MILWAUKEE County, State aforesaid, residing therein, duly

commissioned and sworn, personally appeared VERONICA A. MEYER

known to me to be the person whose name is subscribed to the within instrument as the attorney in fact of

EMPLOYERS INSURANCE OF WAUSAU A Mutual Company

and acknowledged to me that he subscribed the name of EMPLOYERS INSURANCE OF WAUSAU A Mutual Company thereto as surety, and his own as attorney in fact.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the said county of

MILWAUKEE the day and year in this certificate first above written.

Marie E. Majcher

Notary Public in and for the county of MILWAUKEE

State of WISCONSIN

My commission expires 9-10-00

BID

Proposal of LAUREL CONSTRUCTION CO INC.
(hereinafter called "BIDDER"), organized and existing under the laws of
the State of KENTUCKY doing business
as CORPORATION *. To
the Jessamine County South Elkhorn Water District
Nicholasville, Kentucky (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby
proposes to perform all WORK for the construction of
Contract SEJ-2, Ground Storage Tanks, Southern Jessamine
Rural Water Project in strict accordance with the
CONTRACT DOCUMENTS, within the time set forth therein, and at the prices
stated below.

By submission of this BID, each BIDDER certifies, and in the case
of a joint BID each party thereto certifies as to its own organization,
that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with
any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or
before a date to be specified in the NOTICE TO PROCEED and to fully
complete the PROJECT within 270 consecutive calendar
days thereafter. BIDDER further agrees to pay as liquidated damages,
the sum of \$ 500.00 for each consecutive calendar day thereafter as
provided in Section 15 of the General Conditions.

RUS Bulletin 1780-13
Attachment 3
Page 2

BIDDER acknowledges receipt of the following ADDENDUM:

ADDENDUM #1

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	ITEM	UNIT	UNIT PRICE	AMOUNT	TOTAL PRICE
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SEE ATTACHED BID SHEET

BID SHEET (Revised)

Contract SEJ-2

May 1999

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1A	117,000 Gallon Standpipes w/ associated Foundation, Piping and Vaults (Glass Lined Tank, Both Sites)	2	LS	0	0
1B	117,000 Gallon Standpipes w/ associated Foundation, Piping and Vaults (Welded Steel Tanks, Both Sites)	2	LS	\$ 258,000.00	\$ 516,000.00
2	Site Work associated w/ Standpipe Construction Excluding Pavement of Access	2	LS	\$ 20,000.00	\$ 40,000.00
3	Control Valve Vaults	2	ea	\$ 16,000.00	\$ 32,000.00
4	Telemetry	1	LS	\$ 74,000.00	\$ 74,000.00
5	Bituminous Pavement of Access Road - Pollard Site	1	LS	\$ 3000.00	\$ 3000.00
6	Bituminous Pavement of Access Road - Sugar Creek Site	1	LS	\$ 3000.00	\$ 3000.00
CONTRACT TOTAL:				\$ 668,000.00	

Note: Any tasks or materials not included in the above schedule, required to complete the project in accordance with the intent of the job plans and specifications are to be considered inherent to the scope of work and shall be included in the contractor's bid as incidental to the project.

BID TOTAL: Six hundred sixty eight thousand dollars
(in whole units) 00
100

Company (name & address):

LAUREL CONSTRUCTION CO , INC.
 5209 SOMERSET ROAD
 LONDON, KENTUCKY 40741
 Phone: (606) 878-8812

signed: Delma Blifford

date: MAY 12, 1999

License number (if applicable)
 SEAL - (if BID is by a corporation)

COMPLIANCE STATEMENT

This statement relates to a proposed contract with _____

JESSAMINE SOUTH ELKHORN WATER DISTRICT

(Name of borrower or grantee)

who expects to finance the contract with assistance from the Farmers Home Administration, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor. I represent that -----

1. I have, have not, participated in a previous contract or subcontract subject to executive order 11246 (regarding equal employment opportunity) or a preceding similar Executive order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that ---

3. I have, have not previously had contracts subject to the written affirmative action program requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not, developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the Farmers Home Administration or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): (See Reverse).

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES

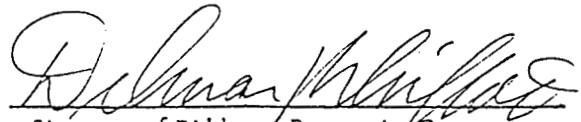
A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date MAY 12, 1999

5209 SOMERSET ROAD
LONDON, KENTUCKY 40741

Address (including Zip Code)


Signature of Bidder or Prospective Contractor

CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

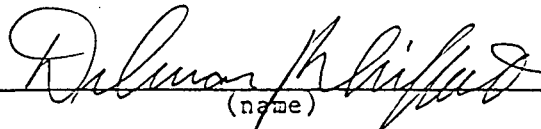
The undersigned certifies; to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



(name)

MAY 12, 1999

(date)

PRESIDENT

(title)

oOo

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we Laurel Construction Company, Inc. 5209 Somerset Road, London, KY 40741

(Here insert full name and address or legal title of Contractor)

as Principal, hereinafter called the Principal, and American Casualty Company of Reading, PA

(Here insert full name and address or legal title of Surety)

a corporation duly organized under the laws of the State of Pennsylvania as Surety, hereinafter called the Surety, are held and firmly bound unto

JESSAMINE SOUTH ELKHORN

(Here insert full name and address or legal title of Owner)

WATER DISTRICT JESSAMINE CO. COURTHOUSE NICHOLASVILLE, KY 40356

as Obligee, hereinafter called the Obligee, in the sum of

FIVE PERCENT OF AMOUNT BID

Dollars (\$ 5% OF AMT BID)

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for SEJ-2 GROUND STORAGE TANKS

(Here insert full name, address and description of project)

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12TH day of MAY 1999

Handwritten signature of Kim Dakley (Witness)

Laurel Construction Company, Inc. (Principal) (Seal) Handwritten signature of Wilmar Whitfield PRESIDENT (Title)

Handwritten signature of witness (Witness)

American Casualty Company of Reading, PA (Surety) (Seal) Handwritten signature of Linda Gibson, Attorney-In-Fact

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

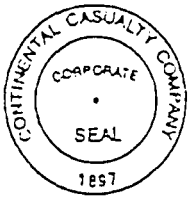
Know All Men By These Presents, That CONTINENTAL CASUALTY COMPANY, an Illinois corporation, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, a Connecticut corporation, AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA, a Pennsylvania corporation (herein collectively called "the CCC Surety Companies"), are duly organized and existing corporations having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signature and seals herein affixed hereby make, constitute and appoint James T. Smith, John B. Manus, Roger A. Neal, Brock T. Smith, Linda Gibson, Linda Kapfhammer, Tammy Masterson, Raymond M. Hundley, James H. Martin, Individually

of Louisville, Kentucky their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds undertakings and other obligatory instruments of similar nature - In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their corporations and all the acts of said Attorney, pursuant to the authority hereby given are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Laws and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the corporations

In Witness Whereof, the CCC Surety Companies have caused these presents to be signed by their Group Vice President and their corporate seals to be hereto affixed on this 11th day of December 1997



CONTINENTAL CASUALTY COMPANY NATIONAL FIRE INSURANCE COMPANY OF HARTFORD AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA

Marvin J. Cashion

Marvin J. Cashion Group Vice President

State of Illinois, County of Will, ss: On this 11th day of December 1997, before me personally came Marvin J. Cashion, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Chicago, State of Illinois; that he is a Group Vice President of CONTINENTAL CASUALTY COMPANY, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD and AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA described in and which executed the above instrument; that he knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



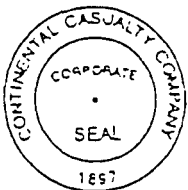
Eileen T. Pachuta

My Commission Expires June 5, 2000

Eileen T. Pachuta Notary Public

CERTIFICATE

I, Mary A. Ribikawskis, Assistant Secretary of CONTINENTAL CASUALTY COMPANY, NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, and AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of each corporation printed on the reverse hereof are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seals of the said corporations this 12TH day of MAY 1999



CONTINENTAL CASUALTY COMPANY NATIONAL FIRE INSURANCE COMPANY OF HARTFORD AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA

Mary A. Ribikawskis

Mary A. Ribikawskis Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company.

"Article IX—Execution of Documents

Section 3. Appointment of Attorney-in-fact. The Chairman of the Board of Directors, the President or any Executive, Senior or Group Vice President may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority, shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The Chairman of the Board of Directors, the President or any Executive, Senior or Group Vice President or the Board of Directors, may, at any time, revoke all power and authority previously given to any attorney-in-fact."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 17th day of February, 1993.

"Resolved, that the signature of the President or any Executive, Senior or Group Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted pursuant to Section 3 of Article IX of the By-Laws, and the signature of the Secretary or an Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company."

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company.

"Article VI—Execution of Obligations and Appointment of Attorney-In-Fact

Section 2. Appointment of Attorney-in-fact. The Chairman of the Board of Directors, the President or any Executive, Senior or Group Vice President may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Company in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority, shall have full power to bind the Company by their signature and execution of any such instruments and to attach the seal of the Company thereto. The President or any Executive, Senior or Group Vice President may at any time revoke all power and authority previously given to any attorney-in-fact."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 17th day of February, 1993.

"Resolved, that the signature of the President or any Executive, Senior or Group Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted pursuant to Section 2 of Article VI of the By-Laws, and the signature of the Secretary or an Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company."

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following Resolution duly adopted on February 17, 1993 by the Board of Directors of the Company.

"RESOLVED: That the President, an Executive Vice President, or any Senior or Group Vice President of the Corporation may, from time to time, appoint, by written certificates, Attorneys-in-Fact to act in behalf of the Corporation in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. Such Attorney-in-Fact, subject to the limitations set forth in their respective certificates of authority, shall have full power to bind the Corporation by their signature and execution of any such instrument and to attach the seal of the Corporation thereto. The President, an Executive Vice President, any Senior or Group Vice President or the Board of Directors may at any time revoke all power and authority previously given to any Attorney-in-Fact."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 17th day of February, 1993

"RESOLVED: That the signature of the President, an Executive Vice President or any Senior or Group Vice President and the seal of the Corporation may be affixed by facsimile on any power of attorney granted pursuant to the Resolution adopted by this Board of Directors on February 17, 1993 and the signature of a Secretary or an Assistant Secretary and the seal of the Corporation may be affixed by facsimile to any certificate of any such power, and any power or certificate bearing such facsimile signature and seal shall be valid and binding on the Corporation. Any such power so executed and sealed and certified by certificate so executed and sealed, shall with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Corporation."

APPENDIX B



FILE COPY

WO # 3020

Education, Arts and Humanities Cabinet

KENTUCKY HERITAGE COUNCIL

The State Historic Preservation Office

Paul E. Patton
Governor
Roy Peterson
Cabinet Secretary

David L. Morgan
Executive Director
and SHPO

March 13, 1998

Mr. Christopher Horne
Horne Engineering
216 South Main Street
Nicholasville, KY 40356

RE: "An Archaeological Reconnaissance of a Proposed Elevated Water Tank Site in Jessamine County, Kentucky" By Derek M. Wingfield

Dear Mr. Horne:

The State Historic Preservation Office has received for review and approval the above referenced archaeological report. The survey found no evidence of prehistoric occupation or historic archaeological remains in the project area. The project will have no effect on any property listed in or eligible for listing in the National Register of Historic Places and I have no objections to its construction.

If you have any questions please feel free to contact David Pollack of my staff at 502-564-7005.

Sincerely,

David L. Morgan TS

David L. Morgan, Director
Kentucky Heritage Council and
State Historic Preservation Officer



JAMES E. BICKFORD
SECRETARY



Horne Engineering
PAUL E. PATTON
GOVERNOR

WO # 3020
PERMITS #12.

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

October 15, 1998

South Elkhorn Water District
200 West Maple Street
Nicholasville, Kentucky 40356

RE: DW #0570249-98-002
Water System Improvements
Contracts SE J-1, SE J-2
Jessamine Co, Kentucky

Dear Sirs:

This is to advise that plans and specifications covering the above referenced subject are APPROVED with respect to sanitary features of design as of this date with the following stipulations:

1. If PVC piping is used, it must be NSF approved and manufactured in accordance with ASTM standards.
2. Upon completion of construction, disinfection shall be strictly in accordance with the procedure designated in the State Regulations, which reads as follows:

"A water distribution system, including storage distribution tanks, repaired portions of existing systems, or all extensions to existing systems, shall be thoroughly disinfected before being placed into service. A water distribution system shall disinfect with chlorine or chlorine compounds, in amounts as to produce a concentration of at least fifty (50) ppm and a residual of at least twenty-five (25) ppm at the end of 24-hours (24) and the disinfection shall be followed by a thorough flushing."



New or repaired water distribution lines shall not be placed into service until bacteriological samples taken at the points specified in 401 KAR 8:150 Section 4 (2) are examined and are shown to be negative following disinfection.

3. An alternate acceptable method for storage tank disinfection is as follows:

Fill tank with enough water (containing a free chlorine concentration of at least 250 mg/l) to spray all inside tank surfaces with the chlorinated water. Repeat the spraying again at no less than 1.0 hour from the end of the first spraying. Drain the tank at no less than 30 minutes from end of second spraying before filling for use.

4. The interior coating system for the proposed storage tank must be of a type approved by the Division of Water for use in contact with potable water.
5. The overflow and the main drain for the proposed tank must extend 10 feet from the base of the tank and discharge into a 2 ft. x 2 ft. x 2 ft. crushed stone pit or onto a splash pad. The outlet must be equipped with a noncorrodible screen installed within the pipe at a location least susceptible to damage by vandalism.
6. For underwater crossing greater than 15 feet in width the following shall be provided:
 - a. The pipe shall be of special construction, having flexible water tight joints, except if concrete encased;
 - b. valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair; the valves shall be easily accessible, and not subject to flooding; and the valve closest to the supply source shall be in a manhole; and,

- c. permanent taps shall be made on each side of the valve within the manhole to allow insertion of a small meter to determine leakage and for sampling purposes.
7. References to elevated water storage tanks should be changed to standpipes in the specifications prior to bidding.
8. When this project is completed, the owner shall submit a written certification to the Division of Water that the above referenced water supply facilities have been constructed and tested in accordance with the approved plans and specifications and the above stipulations. Such certification shall be signed by a registered professional engineer.

If this water line project will cross a stream or wetland, the attached Water Quality Certification will apply. Please read this certification and make this a part of any contract to install the water lines. If you have any questions please contact John Dovak of the Water Quality Branch at 502/564-2225, extension 485.

Since the requirements of Administrative Regulations 401 KAR 4:050, Section 2 are met with regard to subfluvial pipe crossings, a floodplain construction permit will not be required pursuant to KRS 151.250 for this aspect of the project. Please note the reference to subfluvial pipe line crossings in the enclosed copy of the regulations.

The finished water supplied to the customers affected by this project will meet the current water quality parameters as dictated by the Federal Safe Drinking Water Act (PL 93-523), provided that construction of the project is completed in accordance with the approved plans and specifications and proper operation of the system is maintained.

This approval has been issued under the provisions of KRS Chapter 224 and regulations promulgated pursuant thereto. Issuance of this approval does not relieve the applicant from the responsibility of obtaining any other approvals, permits or licenses required by this Cabinet and other state, federal and local agencies.

South Elkhorn Water District
October 15, 1998
Page four

Unless construction of this project is begun within one year from the date of approval, the approval shall expire. If you have any questions concerning this project, please contact Bob Arnett at 502/564-2225, extension 578.

Sincerely,

Thomas E. Skoggo
for Vicki L. Ray, Branch Manager
Drinking Water Branch
Division of Water

VLR:RNA:lm

Enclosures

C: Horne Engineering, Inc.
Jessamine County Health Department
Public Service Commission
Division of Plumbing
Frankfort Regional Office
Water Quality Branch
Water Resources Branch
Drinking Water Files

JAMES E. BICKFORD
SECRETARY



PAUL E. PATTON
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

September 10, 1998

Mr. Christopher Horne, P. E.
216 South Main Street
Nicholasville, KY 40356

RE: Jessamine South Elkhorn Water District
Southeast Jessamine Rural Water Extension Project,
Jessamine County

Dear Mr. Horne:

We have reviewed the plans submitted by your office and have determined that a stream construction permit will not be required. Administrative Regulation 401 KAR 4:050 promulgated November 6, 1980, has exempted certain types of construction from the provision of KRS 151.250, among them were subfluvial utility or pipe crossings which have met specific construction criteria. Any design changes to the submitted plans that would not comply with the criteria specified in 401 KAR 4:050, Section 2 must be submitted to the Division of Water for written approval prior to implementation. (A copy of 401 KAR 4:050, Section 2 is enclosed).

Since these stream crossings may require approval from the U.S. Army, Corps of Engineers, you should contact their district office for any requirements they might have. The Water Quality Branch of the Division of Water will require a Water Quality Certification if the disturbance to an intermittent or solid blue line stream is greater than 200 linear feet. Contact John Dovak at (502) 564-3410.

If you have any questions, you may call Farhad Abad at (502) 564-3410.

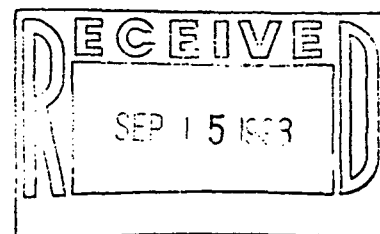
Sincerely,

A handwritten signature in cursive script that reads "A. Leon Smothers".

A. Leon Smothers, P.E., Manager
Water Resources Branch
Division of Water

ALS/fa

pc: Frankfort Regional Office
Betty Taylor





COMMONWEALTH OF KENTUCKY
Transportation Cabinet

Department of Highways, District Seven
763 New Circle Rd., N.W., P.O. 11127
Lexington, Kentucky 40512-1127
606/246-2355 - (Fax) 606/246-2354
Clifford C. Linkes, P.E., Chief District Engineer

James C. Codell, III
Secretary of Transportation

T. Kevin Flanery
Deputy Secretary

Paul E. Patton
Governor

Jessamine-South Elkhorn Water District
200 West Maple Street
Nicholasville, Kentucky 40356

Subject: Jessamine County RS 057-1541-000.300
KY 1541 (Chrisman Mill Road)
Jessamine-South Elkhorn Water District
Utility (APP NO 07-0737-98)

Dear Applicant:

Attached is your application for a permit which has been approved by the Department of Highways.

Please see that work is done in conformity with permit and applicable conditions. If you have any questions, please notify this office.

Sincerely,

A handwritten signature in cursive script that reads "Clifford C. Linkes".

Clifford C. Linkes, P.E.
Chief District Engineer

10-23-98
Date

CCL/joh
Attachments

JSEWD
3020



COMMONWEALTH OF KENTUCKY
Transportation Cabinet

Department of Highways, District Seven
763 New Circle Rd., N.W., P.O. 11127
Lexington, Kentucky 40512-1127
606/246-2355 - (Fax) 606/246-2354
Clifford C. Linkes, P.E., Chief District Engineer

Paul E. Patton
Governor

James C. Codell, III
Secretary of Transportation

T. Kevin Flanery
Deputy Secretary

Jessamine-South Elkhorn Water District
200 West Maple Street
Nicholasville, Kentucky 40356

Subject: Jessamine County RS 057-1268-000.200
KY 1268 (Sugar Creek Road)
Jessamine-South Elkhorn Water District
Utility (APP NO 07-0729-98)

Dear Applicant:

Attached is your application for a permit which has been approved by the Department of Highways.

Please see that work is done in conformity with permit and applicable conditions. If you have any questions, please notify this office.

Sincerely,

A handwritten signature in cursive script that reads "Clifford C. Linkes".

Clifford C. Linkes, P.E.
Chief District Engineer

10-23-98
Date

CCL/joh
Attachments



COMMONWEALTH OF KENTUCKY
Transportation Cabinet

Department of Highways, District Seven
763 New Circle Rd., N.W., P.O. 11127
Lexington, Kentucky 40512-1127
606/246-2355 - (Fax) 606/246-2354
Clifford C. Linkes, P.E., Chief District Engineer

James C. Codell, III
Secretary of Transportation

T. Kevin Flanery
Deputy Secretary

Paul E. Patton
Governor

Jessamine-South Elkhorn Water District
200 West Maple Street
Nicholasville, Kentucky 40356

Subject: Jessamine County RS 057-0039-000.500
KY 0039 (Sulfur Well Road)
Jessamine-South Elkhorn Water District
Utility (APP NO 07-0738-98)

Dear Applicant:

Attached is your application for a permit which has been approved by the Department of Highways.

Please see that work is done in conformity with permit and applicable conditions. If you have any questions, please notify this office.

Sincerely,

Clifford C. Linkes, P.E.
Chief District Engineer

10-23-98
Date

CCL/joh
Attachments

6. MOTION BY JOHN NICKELL AND SECONDED BY STEVE GAYHEART THAT IT IS HEREBY ORDERED BY THE COURT TO GRANT AN EASEMENT TO JESSAMINE COUNTY ELKHORN WATER DISTRICT TO LAY A WATER LINE ALONG THE FOLLOWING ROADS (SEE ATTACHMENT) SUBJECT TO ENGINEERS PLANS BEING APPROVED BY THE COUNTY ROAD ENGINEER AND ANY FUTURE RELOCATION COSTS TO BE PAID BY WATER DISTRICT.

VOTING

FOR 6

AGAINST 0

Jessamine County Fiscal Court

Waterline Easements
For
County Roads

Jessamine South Elkhorn Water District
South East Jessamine Water Project

Co Rd #	Rd Name	Description
1118	Elm Fork	Beginning at the north property line of Steven Raley (PVA# 072-00-00-037 00), continuing southerly fronting Steven Raley and Walter Bennet (PVA# 072-00-00-038 00) to the intersection of Joe Cox Drive
1122	Feck Lane	Beginning at the intersection of Elm Fork Road and Feck Lane, continuing on Feck Lane for approximately 3000 feet
1144	Joe Cox Drive	Beginning at the intersection of Elm Fork Road and Joe Cox Drive and extending to Burdraco Lane
1145	Burdraco Lane	Beginning at the intersection of Joe Cox Drive and Burdraco Lane and extending to the end of Burdraco Lane
1118	Elm Fork	Beginning at the center of Hickman Creek bridge and extending to the west fronting the property of Ralph Robinson (PVA# 073-00-00-051 00)
1118	Elm Fork	Beginning at the intersection of Keler Moore's driveway (PVA# 073-00-00-055 00) and Elm Fork Road, continuing southerly, approximately 700 feet to the southerly property line of R.M. Carter (PVA# 073-00-00-056 00)

Waterline Easements
Jessamine Fiscal Court

1119	Peel Lane	Beginning at the westerly property line of Josephine Peel (PVA# 073-00-00-060 00) and continuing in a easterly direction approximately 1200 feet to westerly property line of Kelly Blanchard (PVA# 084-00-00-052 00).
1118	Elm Fork	Beginning at the northerly property line of Elm Fork Christian Church (PVA # 073-00-00-066 00) and continuing in a southerly direction approximately 300 feet to the northerly property line of Anthony Horton (PVA# 073-00-070 00).
1117	Pollard	Beginning at the easterly property line of Victoria Stinnett (PVA# 074-00-00-011 00) and continuing in a westerly direction approximately 300 feet to the easterly property line of Robert Blackfield (PVA# 074-00-00-008 00)
1133	Brumfield Lane	Beginning at the intersection of Brumfield Lane and Little Hickman Road and continuing northaly on Brumfield Lane fronting Velva Hamer (PVA# 073-00-00-060 00) for a distance of 100 feet to the southerly property line of Wilson House (PVA# 062-00-00-016 00)
1128	Sugar Creek Pike	Beginning at the intersection of Sugar Creek Pike and Little Hickman Road, extending approximately one mile southerly on Sugar Creek Pike
1130	Lock 8	Beginning at the intersection of Lock 8 Road and Sugar Creek Pike, continuing southerly approximately 0.4 miles on Lock 8 Road

1136	Watts Mill	Beginning at the northerly property line of Bernard Harris (PVA# 061-00-00-007 00) and continuing southerly approximately 2000 feet to the northerly property line of Melvin Ocan (PVA# 061-00-00-009 00)
1136	Watts Mill	Beginning at the northerly property line of Bernard Harris (PVA # 061-00-00-010 00) and continuing southerly approximately 1700 feet to the northerly property line of Tommie Burton (PVA# 061-00-00-013.00).
1117	Pollard	Beginning at the westerly property line of the House Cemetery and continuing easterly along Pollard Road approximately 70 feet to the easterly property line of House Cemetery (PVA# 074-00-00-021 00).
1116	Kissing Ridge	Beginning at the easterly property line of Danny Reynolds (PVA# 085-00-00-016.00), continuing westerly approximately 700 feet to the easterly property line of Alvin Reynolds (PVA# 085-00-00-018 00)
1116	Kissing Ridge	Beginning at the easterly property line of David Cobb (PVA# 085-00-00-020 02), continuing westerly approximately 200 feet to the easterly property line of Anne Sharp (PVA# 085-00-00-022.00).
1116	Kissing Ridge	Beginning at the northerly property line of Reynolds Cemetery (PVA# 085-00-00-030 00), continuing southerly approximately 300 feet to the northerly property line of Brutus Stinnett (PVA# 085-00-00-031 00)

1116	Kissing Ridge	Beginning at the northerly property line of Kathleen Ahvey (PVA#085-00-00-028.00), continuing southerly approximately 100 feet to the northerly property line of Theodore Loman (PVA# 085-00-00-029.01).
1116	Kissing Ridge	Beginning at the northerly property line of Theodore Loman (PVA# 085-00-00-029.01), continuing southerly approximately 600 feet to the northerly property line of Carl Peel (PVA#085-00-00-029.00).
1135	Black Bridge Lane	Beginning at the intersection of Black Bridge Lane and Sulfur Well Road, continuing approximately 500 feet westerly on Black Bridge Lane.
1121	John Watts Lane	Beginning at the intersection of John Watts Lane with KY 1541, continuing westerly on John Watts Lane to Hickman Creek Bridge
1121	John Watts Lane	Beginning at the easterly property line of Jeffery Nickell (PVA # 084-00-00-002.05), continuing westerly approximately 300 feet to the easterly property line of Terry Saylor (PVA# 084-00-00-002.01)
1113	Taylor Ridge	Beginning at the westerly property line of Jason Deptula (PVA# 084-00-00-007.00), continuing easterly approximately 100 feet to the easterly property line of Terrance Tallman (PVA# 093-00-00-008.00).
1113	Taylor Ridge	Beginning at approximately 200 feet west of the property line of Rodney Burton (PVA# 093-00-00-020.01), continuing westerly in front of farm pond approximately 150 feet.

BOOK 0023 PAGE 611

1130	Lock 8	Beginning at the westerly property line of Jerry Blakeman (PVA# 063-00-00-034 00), continuing westerly, approximately 1700 feet along the southerly property lines of David Bain (PVA# 063-00-00-035 01) and Jimmy Hoffman (PVA # 063-00-00-035 00) to the easterly property line of Roger Stamper (PVA# 051-00-00-031.00).
1152	Teater Lane	Beginning at the intersection of Teater Lane and Little Hickman Road, continuing southerly approximately 0.40 miles on Teater Lane
1115	Johns Lane	Beginning at the intersection of KY-1541 and Johns Lane, continuing southeasterly approximately 0.70 miles to E.O.L.

APPENDIX C

VIII. ANALYSIS OF ACTUAL WATER USAGE – EXISTING SYSTEM – 12 MONTH PERIOD

For Period November 1995 to October 1996

Meter Size	MONTHLY WATER USAGE		Average	Residential/ Farmer		Non- Residential/ Commercial	
				No. of Users	Usage (1000)	No. of Users	Usage (1000)
A L L S I Z E S	0 –	2000 Gal.	1,000	187	187	8	8
	2,000 –	3,000 Gal.	2,500	127	317.5	3	7.5
	3,000 –	4,000 Gal.	3,500	176	616	2	7
	4,000 –	5,000 Gal.	4,500	187	841.5	19	85.5
	5,000 –	6,000 Gal.	5,500	176	968	1	5.5
	6,000 –	7,000 Gal.	6,500	134	871	1	6.5
	7,000 –	8,000 Gal.	7,500	129	967.5	0	0
	8,000 –	9,000 Gal.	8,500	64	544	0	0
	9,000 –	10,000 Gal.	9,500	56	532	0	0
	10,000 –	11,000 Gal.	10,500	38	399	0	0
	11,000 –	12,000 Gal.	11,500	26	299	0	0
	12,000 –	13,000 Gal.	12,500	20	250	0	0
	13,000 –	14,000 Gal.	13,500	15	202.5	1	13.5
	14,000 –	15,000 Gal.	14,500	14	203	1	14.5
	15,000 –	16,000 Gal.	15,500	10	155	0	0
	16,000 –	17,000 Gal.	16,500	6	99	0	0
	17,000 –	18,000 Gal.	17,500	7	122.5	1	17.5
	18,000 –	19,000 Gal.	18,500	7	129.5	0	0
	19,000 –	20,000 Gal.	19,500	5	97.5	0	0
	20,000 –	21,000 Gal.	20,500	4	82	1	20.5
	21,000 –	22,000 Gal.	21,500	4	86	0	0
	22,000 –	23,000 Gal.	22,500	4	90	0	0
	23,000 –	24,000 Gal.	23,500	3	70.5	0	0
	24,000 –	25,000 Gal.	24,500	3	73.5	0	0
25,000 –	26,000 Gal.	25,500	3	76.5	0	0	
26,000 –	27,000 Gal.	26,500	2	53	0	0	
27,000 –	28,000 Gal.	27,500	2	55	0	0	
28,000 –	29,000 Gal.	28,500	2	57	0	0	
29,000 –	30,000 Gal.	29,500	3	88.5	0	0	
30,000 –	32,000 Gal.	31,000	5	155	3	93	
32,000 –	34,000 Gal.	33,000	3	99	0	0	
34,000 –	36,000 Gal.	35,000	2	70	1	35	
36,000 –	38,000 Gal.	37,000	2	74	0	0	
38,000 –	40,000 Gal.	39,000	1	39	0	0	
40,000 –	42,000 Gal.	41,000	1	41	0	0	
42,000 –	44,000 Gal.	43,000	2	86	0	0	
44,000 –	46,000 Gal.	45,000	1	45	1	45	
46,000 –	48,000 Gal.	47,000	1	47	0	0	
48,000 –	50,000 Gal.	49,000	1	49	0	0	
50,000 –	55,000 Gal.	52,500	2	105	1	52.5	
55,000 –	60,000 Gal.	57,500	2	115	1	57.5	
60,000 –	65,000 Gal.	62,500	2	125	0	0	

65,000 - 70,000 Gal.	67,500	1	67.5	0	0
70,000 - 75,000 Gal.	72,500	1	72.5	0	0
75,000 - 80,000 Gal.	77,500	1	77.5	0	0
80,000 - 85,000 Gal.	82,500	1	82.5	0	0
85,000 - 90,000 Gal.	87,500	0	0	0	0
90,000 - 95,000 Gal.	92,500	0	0	0	0
95,000 - 100,000 Gal.	97,500	0	0	0	0
100,000 - 110,000 Gal.	105,000	1	105	0	0
110,000 - 120,000 Gal.	115,000	1	115	0	0
120,000 - 130,000 Gal.	125,000	1	125	0	0
130,000 - 140,000 Gal.	135,000	1	135	0	0
140,000 - 150,000 Gal.	145,000	1	145	0	0
150,000 - 160,000 Gal.	155,000	1	155	0	0
160,000 - 170,000 Gal.	165,000	0	0	0	0
170,000 - 180,000 Gal.	175,000	0	0	0	0
180,000 - 190,000 Gal.	185,000	0	0	0	0
190,000 - 200,000 Gal.	195,000	0	0	0	0
200,000 - 210,000 Gal.	205,000	0	0	0	0
210,000 - 220,000 Gal.	215,000	0	0	0	0
220,000 - 230,000 Gal.	225,000	0	0	0	0
230,000 - 240,000 Gal.	235,000	0	0	0	0
240,000 - 250,000 Gal.	245,000	0	0	0	0
250,000 - 300,000 Gal.	275,000	0	0	0	0
300,000 - 350,000 Gal.	325,000	0	0	0	0
Total		(1,449	10,664)	(45	469)
Average Usage		(7)		(10)	

Total Water Purchased
Total Water Sold

11132.5

Note: The distribution of Users is based on actual user data from 1996 as included in the Preliminary Engineering Report. An Increase of 50 users has occurred since that analysis. The additional existing customers were added to this table based on the same distribution pattern as the 1996 analysis; with the exception of some commercial users in Bellerive Plaza such as Kroger that were placed in this table based on historical data from comparable stores.

XIV. FORCAST OF WATER USAGE – INCOME – EXISTING SYSTEM – EXISTING USERS

Meter Size	MONTHLY WATER USAGE Average		Average Rate	Residential/ Farmer			Non-Residential/ Commercial			
				No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income	
A	0 –	2000 Gal.	1,000	\$21.00	187	187	\$3,927	8	8	\$168
L	2,000 –	3,000 Gal.	2,500	\$23.43	127	317.5	\$2,975	3	7.5	\$70
L	3,000 –	4,000 Gal.	3,500	\$28.28	176	616	\$4,976	2	7	\$57
S	4,000 –	5,000 Gal.	4,500	\$33.08	187	841.5	\$6,185	19	85.5	\$628
I	5,000 –	6,000 Gal.	5,500	\$37.83	176	968	\$6,657	1	5.5	\$38
Z	6,000 –	7,000 Gal.	6,500	\$42.53	134	871	\$5,698	1	6.5	\$43
E	7,000 –	8,000 Gal.	7,500	\$47.18	129	967.5	\$6,086	0	0	\$0
S	8,000 –	9,000 Gal.	8,500	\$51.83	64	544	\$3,317	0	0	\$0
	9,000 –	10,000 Gal.	9,500	\$56.48	56	532	\$3,163	0	0	\$0
	10,000 –	11,000 Gal.	10,500	\$61.13	38	399	\$2,323	0	0	\$0
	11,000 –	12,000 Gal.	11,500	\$65.78	26	299	\$1,710	0	0	\$0
	12,000 –	13,000 Gal.	12,500	\$70.43	20	250	\$1,409	0	0	\$0
	13,000 –	14,000 Gal.	13,500	\$75.08	15	202.5	\$1,126	1	13.5	\$75
	14,000 –	15,000 Gal.	14,500	\$79.73	14	203	\$1,116	1	14.5	\$80
	15,000 –	16,000 Gal.	15,500	\$84.38	10	155	\$844	0	0	\$0
	16,000 –	17,000 Gal.	16,500	\$88.98	6	99	\$534	0	0	\$0
	17,000 –	18,000 Gal.	17,500	\$93.53	7	122.5	\$655	1	17.5	\$94
	18,000 –	19,000 Gal.	18,500	\$98.08	7	129.5	\$687	0	0	\$0
	19,000 –	20,000 Gal.	19,500	\$102.63	5	97.5	\$513	0	0	\$0
	20,000 –	21,000 Gal.	20,500	\$107.18	4	82	\$429	1	20.5	\$107
	21,000 –	22,000 Gal.	21,500	\$111.73	4	86	\$447	0	0	\$0
	22,000 –	23,000 Gal.	22,500	\$116.28	4	90	\$465	0	0	\$0
	23,000 –	24,000 Gal.	23,500	\$120.83	3	70.5	\$362	0	0	\$0
	24,000 –	25,000 Gal.	24,500	\$125.33	3	73.5	\$376	0	0	\$0
	25,000 –	26,000 Gal.	25,500	\$129.78	3	76.5	\$389	0	0	\$0
	26,000 –	27,000 Gal.	26,500	\$134.23	2	53	\$268	0	0	\$0
	27,000 –	28,000 Gal.	27,500	\$138.68	2	55	\$277	0	0	\$0
	28,000 –	29,000 Gal.	28,500	\$143.12	2	57	\$286	0	0	\$0
	29,000 –	30,000 Gal.	29,500	\$147.57	3	88.5	\$443	0	0	\$0
	30,000 –	32,000 Gal.	31,000	\$154.25	5	155	\$771	3	93	\$463
	32,000 –	34,000 Gal.	33,000	\$163.15	3	99	\$489	0	0	\$0
	34,000 –	36,000 Gal.	35,000	\$172.05	2	70	\$344	1	35	\$172
	36,000 –	38,000 Gal.	37,000	\$180.95	2	74	\$362	0	0	\$0
	38,000 –	40,000 Gal.	39,000	\$189.85	1	39	\$190	0	0	\$0
	40,000 –	42,000 Gal.	41,000	\$198.75	1	41	\$199	0	0	\$0
	42,000 –	44,000 Gal.	43,000	\$207.65	2	86	\$415	0	0	\$0
	44,000 –	46,000 Gal.	45,000	\$216.55	1	45	\$217	1	45	\$217
	46,000 –	48,000 Gal.	47,000	\$225.45	1	47	\$225	0	0	\$0
	48,000 –	50,000 Gal.	49,000	\$234.35	1	49	\$234	0	0	\$0
	50,000 –	55,000 Gal.	52,500	\$249.92	2	105	\$500	1	52.5	\$250
	55,000 –	60,000 Gal.	57,500	\$272.17	2	115	\$544	1	57.5	\$272
	60,000 –	65,000 Gal.	62,500	\$294.42	2	125	\$589	0	0	\$0

65,000 – 70,000 Gal.	67,500	\$316.67	1	67.5	\$317	0	0	\$0
70,000 – 75,000 Gal.	72,500	\$338.92	1	72.5	\$339	0	0	\$0
75,000 – 80,000 Gal.	77,500	\$361.17	1	77.5	\$361	0	0	\$0
80,000 – 85,000 Gal.	82,500	\$383.42	1	82.5	\$383	0	0	\$0
85,000 – 90,000 Gal.	87,500	\$405.67	0	0	\$0	0	0	\$0
90,000 – 95,000 Gal.	92,500	\$427.92	0	0	\$0	0	0	\$0
95,000 – 100,000 Gal.	97,500	\$450.17	0	0	\$0	0	0	\$0
100,000 – 110,000 Gal.	105,000	\$483.55	1	105	\$484	0	0	\$0
110,000 – 120,000 Gal.	115,000	\$528.05	1	115	\$528	0	0	\$0
120,000 – 130,000 Gal.	125,000	\$572.55	1	125	\$573	0	0	\$0
130,000 – 140,000 Gal.	135,000	\$617.05	1	135	\$617	0	0	\$0
140,000 – 150,000 Gal.	145,000	\$661.55	1	145	\$662	0	0	\$0
150,000 – 160,000 Gal.	155,000	\$706.05	1	155	\$706	0	0	\$0
160,000 – 170,000 Gal.	165,000	\$750.55	0	0	\$0	0	0	\$0
170,000 – 180,000 Gal.	175,000	\$795.05	0	0	\$0	0	0	\$0
180,000 – 190,000 Gal.	185,000	\$839.55	0	0	\$0	0	0	\$0
190,000 – 200,000 Gal.	195,000	\$884.05	0	0	\$0	0	0	\$0
200,000 – 210,000 Gal.	205,000	\$928.55	0	0	\$0	0	0	\$0
210,000 – 220,000 Gal.	215,000	\$973.05	0	0	\$0	0	0	\$0
220,000 – 230,000 Gal.	225,000	\$1,017.55	0	0	\$0	0	0	\$0
230,000 – 240,000 Gal.	235,000	\$1,062.05	0	0	\$0	0	0	\$0
240,000 – 250,000 Gal.	245,000	\$1,106.55	0	0	\$0	0	0	\$0
250,000 – 300,000 Gal.	275,000	\$1,240.05	0	0	\$0	0	0	\$0
300,000 – 350,000 Gal.	325,000	\$1,462.55	0	0	\$0	0	0	\$0

Sub-Total	(1,449	10,664	\$67,692)	(45	469	\$2,733)
Average Monthly Rate						
Average Monthly Usage	(7.36)			(10.42)		

Note: The distribution of Users is based on actual user data from 1996 as included in the Preliminary Engineering Report. An Increase of 50 users has occurred since that analysis. The additional existing customers were added to this table based on the same distribution pattern as the 1996 analysis; with the exception of some commercial users in Bellerive Plaza such as Kroger that were placed in this table based on historical data from comparable stores.

XV. FORECAST OF WATER USAGE – INCOME – NEW USERS – EXTENSION ONLY

Meter Size	MONTHLY WATER USAGE	Average	Average Rate	Residential/ Farmer			Non-Residential/ Commercial		
				No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
A	0 – 2000 Gal.	1,000	\$21.00	80	80	\$1,680	9	9	\$189
L	2,000 – 3,000 Gal.	2,500	\$23.43	52	130	\$1,218	0	0	\$0
L	3,000 – 4,000 Gal.	3,500	\$28.28	41	143.5	\$1,159	0	0	\$0
S	4,000 – 5,000 Gal.	4,500	\$33.08	30	135	\$992	0	0	\$0
I	5,000 – 6,000 Gal.	5,500	\$37.83	25	137.5	\$946	0	0	\$0
Z	6,000 – 7,000 Gal.	6,500	\$42.53	21	136.5	\$893	0	0	\$0
E	7,000 – 8,000 Gal.	7,500	\$47.18	17	127.5	\$802	0	0	\$0
S	8,000 – 9,000 Gal.	8,500	\$51.83	14	119	\$726	0	0	\$0
	9,000 – 10,000 Gal.	9,500	\$56.48	7	66.5	\$395	0	0	\$0
	10,000 – 11,000 Gal.	10,500	\$61.13	4	42	\$245	0	0	\$0
	11,000 – 12,000 Gal.	11,500	\$65.78	3	34.5	\$197	0	0	\$0
	12,000 – 13,000 Gal.	12,500	\$70.43	2	25	\$141	0	0	\$0
	13,000 – 14,000 Gal.	13,500	\$75.08	1	13.5	\$75	0	0	\$0
	14,000 – 15,000 Gal.	14,500	\$79.73	0	0	\$0	0	0	\$0
	15,000 – 16,000 Gal.	15,500	\$84.38	1	15.5	\$84	0	0	\$0
	16,000 – 17,000 Gal.	16,500	\$88.98	0	0	\$0	0	0	\$0
	17,000 – 18,000 Gal.	17,500	\$93.53	0	0	\$0	0	0	\$0
	18,000 – 19,000 Gal.	18,500	\$98.08	0	0	\$0	0	0	\$0
	19,000 – 20,000 Gal.	19,500	\$102.63	1	19.5	\$103	0	0	\$0
	20,000 – 21,000 Gal.	20,500	\$107.18	0	0	\$0	0	0	\$0
	21,000 – 22,000 Gal.	21,500	\$111.73	0	0	\$0	0	0	\$0
	22,000 – 23,000 Gal.	22,500	\$116.28	0	0	\$0	0	0	\$0
	23,000 – 24,000 Gal.	23,500	\$120.83	0	0	\$0	0	0	\$0
	24,000 – 25,000 Gal.	24,500	\$125.33	0	0	\$0	0	0	\$0
	25,000 – 26,000 Gal.	25,500	\$129.78	0	0	\$0	0	0	\$0
	26,000 – 27,000 Gal.	26,500	\$134.23	0	0	\$0	0	0	\$0
	27,000 – 28,000 Gal.	27,500	\$138.68	0	0	\$0	0	0	\$0
	28,000 – 29,000 Gal.	28,500	\$143.12	0	0	\$0	0	0	\$0
	29,000 – 30,000 Gal.	29,500	\$147.57	1	29.5	\$148	0	0	\$0
	30,000 – 32,000 Gal.	31,000	\$154.25	0	0	\$0	0	0	\$0
	32,000 – 34,000 Gal.	33,000	\$163.15	0	0	\$0	0	0	\$0
	34,000 – 36,000 Gal.	35,000	\$172.05	0	0	\$0	0	0	\$0
	36,000 – 38,000 Gal.	37,000	\$180.95	0	0	\$0	0	0	\$0
	38,000 – 40,000 Gal.	39,000	\$189.85	0	0	\$0	0	0	\$0
	40,000 – 42,000 Gal.	41,000	\$198.75	0	0	\$0	0	0	\$0
	42,000 – 44,000 Gal.	43,000	\$207.65	0	0	\$0	0	0	\$0
	44,000 – 46,000 Gal.	45,000	\$216.55	0	0	\$0	0	0	\$0
	46,000 – 48,000 Gal.	47,000	\$225.45	0	0	\$0	0	0	\$0
	48,000 – 50,000 Gal.	49,000	\$234.35	0	0	\$0	0	0	\$0
	50,000 – 55,000 Gal.	52,500	\$249.92	0	0	\$0	0	0	\$0
	55,000 – 60,000 Gal.	57,500	\$272.17	0	0	\$0	0	0	\$0
	60,000 – 65,000 Gal.	62,500	\$294.42	0	0	\$0	0	0	\$0

65,000 – 70,000 Gal.	67,500	\$316.67	0	0	\$0	0	0	\$0
70,000 – 75,000 Gal.	72,500	\$338.92	0	0	\$0	0	0	\$0
75,000 – 80,000 Gal.	77,500	\$361.17	0	0	\$0	0	0	\$0
80,000 – 85,000 Gal.	82,500	\$383.42	0	0	\$0	0	0	\$0
85,000 – 90,000 Gal.	87,500	\$405.67	0	0	\$0	0	0	\$0
90,000 – 95,000 Gal.	92,500	\$427.92	0	0	\$0	0	0	\$0
95,000 – 100,000 Gal.	97,500	\$450.17	0	0	\$0	0	0	\$0
100,000 – 110,000 Gal.	105,000	\$483.55	0	0	\$0	0	0	\$0
110,000 – 120,000 Gal.	115,000	\$528.05	0	0	\$0	0	0	\$0
120,000 – 130,000 Gal.	125,000	\$572.55	0	0	\$0	0	0	\$0
130,000 – 140,000 Gal.	135,000	\$617.05	0	0	\$0	0	0	\$0
140,000 – 150,000 Gal.	145,000	\$661.55	0	0	\$0	0	0	\$0
150,000 – 160,000 Gal.	155,000	\$706.05	0	0	\$0	0	0	\$0
160,000 – 170,000 Gal.	165,000	\$750.55	0	0	\$0	0	0	\$0
170,000 – 180,000 Gal.	175,000	\$795.05	0	0	\$0	0	0	\$0
180,000 – 190,000 Gal.	185,000	\$839.55	0	0	\$0	0	0	\$0
190,000 – 200,000 Gal.	195,000	\$884.05	0	0	\$0	0	0	\$0
200,000 – 210,000 Gal.	205,000	\$928.55	0	0	\$0	0	0	\$0
210,000 – 220,000 Gal.	215,000	\$973.05	0	0	\$0	0	0	\$0
220,000 – 230,000 Gal.	225,000	\$1,017.55	0	0	\$0	0	0	\$0
230,000 – 240,000 Gal.	235,000	\$1,062.05	0	0	\$0	0	0	\$0
240,000 – 250,000 Gal.	245,000	\$1,106.55	0	0	\$0	0	0	\$0
250,000 – 300,000 Gal.	275,000	\$1,240.05	0	0	\$0	0	0	\$0
300,000 – 350,000 Gal.	325,000	\$1,462.55	0	0	\$0	0	0	\$0

Sub-Total
Average Monthly Rate
Average Monthly Usage

(300	1,255	\$9,803)	(9	9	\$189)
(4.18)			(1.00)		

XVI(a) PROPOSED OPERATING BUDGET – EXISTING USERS ONLY

(1st Full Year of Operation)

Year Ending _____ 1999 _____

A. Operating Income:

Water Sales	\$ 845,092
Disconnect/Reconnect/Late Charge Fees	<u>15,500</u>
Other (Describe)	<u> </u>

Less Allowances and Deductions (_____)

Total Operating Income..... \$ 860,592

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

Source of Supply Expense	\$ 300,000
Pumping Expense	<u>5,500</u>
Water Treatment Expense	<u>0</u>
Transmission and Distribution Expense	<u>56,000</u>
Customer Accounts Expense	<u>38,000</u>
Administrative and General Expense	<u>160,200</u>

Total Operating Expense..... \$ 559,700

Net Operating Income..... \$ 300,892

C. Non-Operating Income:

Interest on Deposits	\$ 2,000
Other (Identify)	<u> </u>

Total Non-Operating Income \$ 2,000

D. Net Income..... \$ 302,892

E. Debt Repayment:

FmHA Interest	\$ 32,771
FmHA Principal	<u>12,177</u>
Non-FmHA Interest	<u>84,815</u>
Non-FmHA Principal	<u>71,126</u>

Total Debt Repayment \$ 200,889

F. Balance Available for Coverage and Depreciation..... \$ 102,003

XVII. PROPOSED OPERATING BUDGET – EXISTING & NEW USERS

(1st Full Year of Operation)

Year Ending _____ 1999 _____

A. Operating Income:

Water Sales	\$	<u>989,103</u>
Disconnect/Reconnect/Late Charge Fees		<u>18,500</u>
Other (Describe)		<u>0</u>
Less Allowances and Deductions	(<u>0)</u>
Total Operating Income.....	\$	<u>1,007,603</u>

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

Source of Supply Expense	\$	<u>328,827</u>
Pumping Expense		<u>5,500</u>
Water Treatment Expense		<u>600</u>
Transmission and Distribution Expense		<u>67,000</u>
Customer Accounts Expense		<u>46,000</u>
Administrative and General Expense		<u>176,200</u>
Total Operating Expense.....	\$	<u>624,127</u>
Net Operating Income.....	\$	<u>383,477</u>

C. Non-Operating Income:

Interest on Deposits	\$	<u>2,000</u>
Other (Identify)		<u>0</u>
Total Non-Operating Income	\$	<u>2,000</u>

D. Net Income..... \$ 385,477

E. Debt Repayment:

FmHA Interest	\$	<u>101,052</u>
FmHA Principal		<u>57,698</u>
Non-FmHA Interest		<u>106,302</u>
Non-FmHA Principal		<u>85,450</u>
Total Debt Repayment	\$	<u>350,502</u>

F. Balance Available for Coverage and Depreciation..... \$ 34,974

XVIII. PROPOSED OPERATING BUDGET – NEW USERS – EXTENSION ONLY

(1st Full Year of Operation)

Year Ending _____ 1999 _____

A. Operating Income:

Water Sales	\$	144,011
Disconnect/Reconnect/Late Charge Fees		3,000
Other (Describe)		
Less Allowances and Deductions	(_____)
Total Operating Income.....	\$	147,011

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

Source of Supply Expense	\$	28,827
Pumping Expense		0
Water Treatment Expense		600
Transmission and Distribution Expense		11,000
Customer Accounts Expense		8,000
Administrative and General Expense		16,000
Total Operating Expense.....	\$	64,427
Net Operating Income.....	\$	82,585

C. Non-Operating Income:

Interest on Deposits	\$	0
Other (Identify)		
Total Non-Operating Income	\$	0

D. Net Income..... \$ 82,585

E. Debt Repayment:

FmHA Interest	\$	68,281
FmHA Principal		45,521
Non-FmHA Interest		21,487
Non-FmHA Principal		14,324
Total Debt Repayment	\$	149,613

F. Balance Available for Coverage and Depreciation..... \$ (67,029)

PRELIMINARY ENGINEERING REPORT

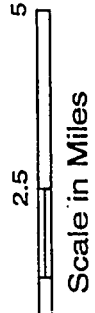
SOUTHEAST JESSAMINE

RURAL WATER EXTENSION

Jessamine County, Kentucky

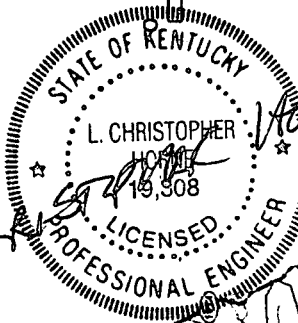
November, 1996

Exhibit C



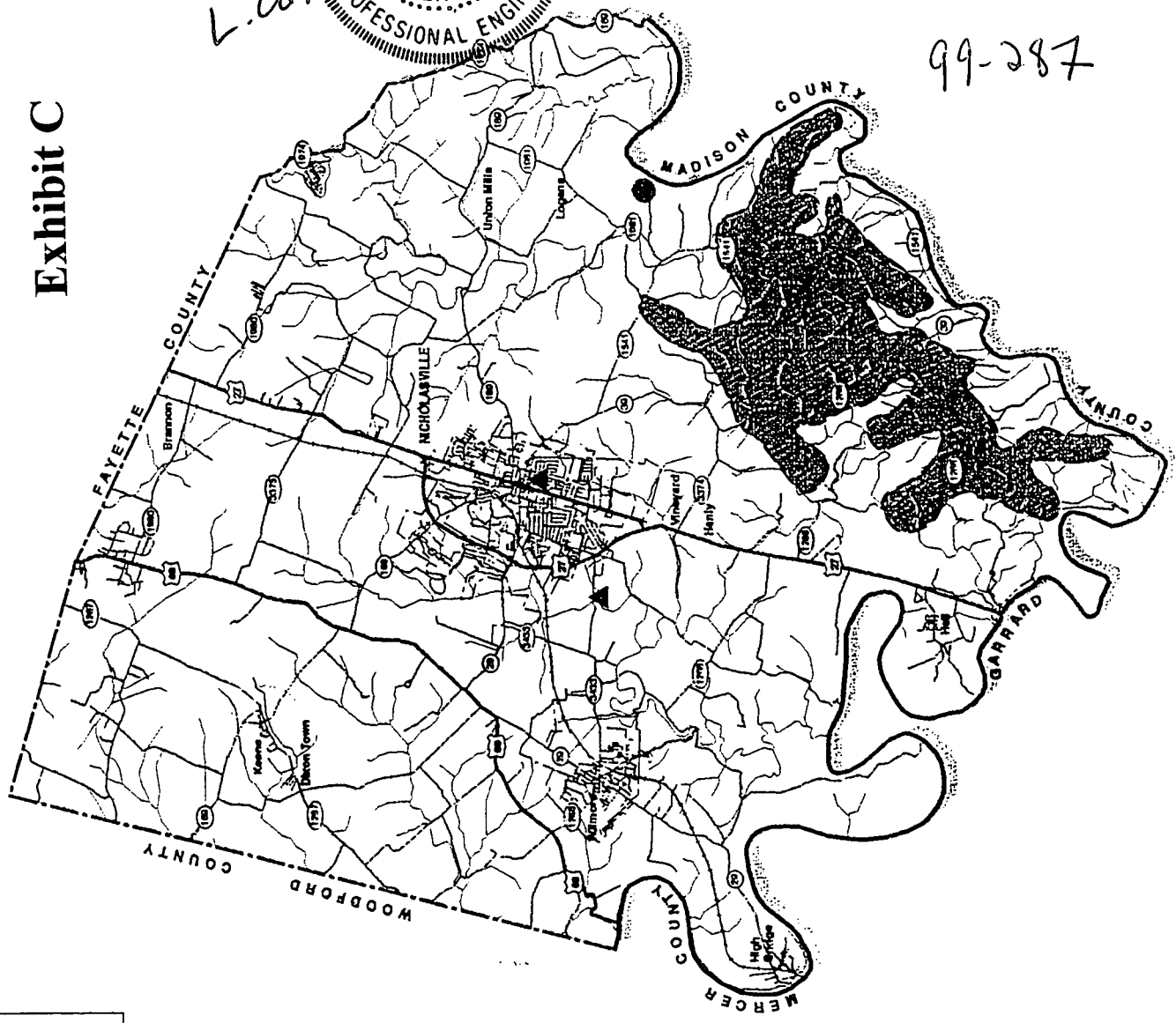
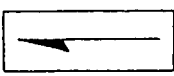
Prepared by:

Horne Engineering, Inc.
 216 South Main Street
 Nicholasville, Kentucky 40356



2/21/99

- Existing Sewage Treatment Plant
- Existing Water Treatment Plant
- Water Line Project Area
- Minority Concentration Area
- Major Road
- Road
- Railroad
- Drainage



99-287

PRELIMINARY ENGINEERING REPORT
SOUTHEAST JESSAMINE
RURAL WATER EXTENSION
Lexington South Elkhorn Water District
Jessamine County, Kentucky

November, 1996

Prepared by:

Horne Engineering, Inc.
216 South Main Street
Nicholasville, Kentucky 40356

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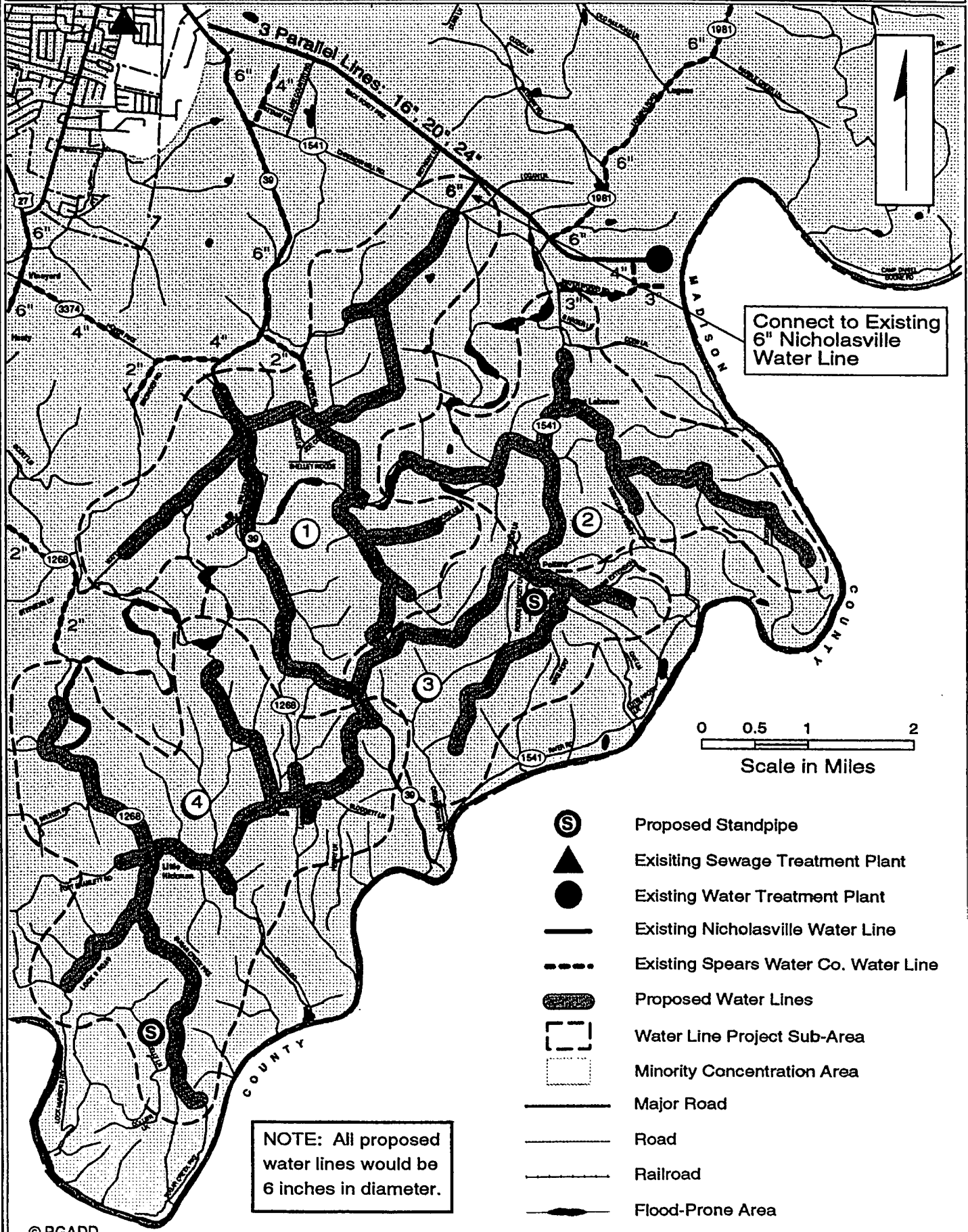
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Project Area Map








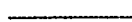
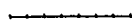

HUD CDBG Application

July 15, 1996
 Jessamine County



Connect to Existing
 6" Nicholasville
 Water Line

0 0.5 1 2
 Scale in Miles

-  Proposed Standpipe
-  Existing Sewage Treatment Plant
-  Existing Water Treatment Plant
-  Existing Nicholasville Water Line
-  Existing Spears Water Co. Water Line
-  Proposed Water Lines
-  Water Line Project Sub-Area
-  Minority Concentration Area
-  Major Road
-  Road
-  Railroad
-  Flood-Prone Area

NOTE: All proposed
 water lines would be
 6 inches in diameter.

I. General

A 1995-1996 count of Jessamine County residents indicated that about 800 homes were without access to a community water supply. Jessamine County Fiscal Court has taken the initiative to complete the project discussed in this report in order to reduce this number of unserved residents. The project proposed in this report will reduce the number of unserved residents by half. The Fiscal Court asked that the Lexington South Elkhorn Water District to take ownership of the project and to maintain and operate the service area once the project is complete. The District will control the system in addition to it's existing facilities in the northwestern portion of the County.

The project includes the construction of approximately 35 1/2 miles of 6" water line and two 100,000 gallon stand pipes with a total cost estimated to be \$2,714,511. The applicant has prepared this report with the hope and anticipation that the finances will be achieved primarily through a HUD CDBG augmented by a loan from Rural Development. Smaller contributions from the Jessamine County Fiscal Court, LSEWD, and tap-on fees generated by the project will complete the funding required.

Residents of the proposed project area currently attempt to provide themselves with an adequate water supply via springs, wells, and cisterns. Utilizing water supplies derived by these means, leads to economic hardship for the customer,

health risks, and a numerous problems related to an unreliable source. It is the intent of this project to elevate the problems that face the residents of Southeast Jessamine County.

NOTE: All exhibits referenced in this report are found in Appendix A.

A. Area to be Served

The area to be served by this project can generally be described as the southeastern portion of Jessamine County. Exhibit I is a Kentucky Department of Transportation Highway Map of the County with the project area delineated. Other satellite areas previously included in this project, that were subsequently deleted are shown on this exhibit and crossed out as a result of their deletion. Exhibit II is the Proposed Service Area Boundary Map of the project on a USGS planametric quad sheet. This exhibit gives a much more detailed description of the service area. Areas 2-6 also shown on this exhibit, have been deleted from the service area for this project. Area 1 comprises the entire service area for the project and was annexed to the LSEWD by order of County Judge Executive in the fall of 1996. The eastern and southern boundaries of the area is the Kentucky River, while the northern and western boundaries are described by individual property owners referenced by their PVA number. A very detailed description of the boundary

is given on exhibit II.

Exhibit III is a Topographic Map of the service area which includes the location of the pipelines proposed by this project. The topographical features of this map lend insight into some of the major obstacles facing the project. Hickman Creek is a major water course flowing through the project area. It will be necessary to cross Hickman Creek in three places in order to serve the project. Steep terrain is a possibility across the majority of the service area. Although the terrain is steep and in places approaching mountainous, the elevations are relatively low when compared with the rest of the County. The project area is located sufficiently down gradient of its source to maintain sufficient pressure by a gravity feed, therefore the customers can be served adequate water pressure without the necessity of a booster pump station.

The residents of the proposed project area experience many problems with current means of obtaining potable water. A very detailed explanation of these problems is contained in the HUD CDBG Application for Jessamine County, Kentucky dated July 15, 1996. In that document a needs survey is summarized in which the residents of the area shared some of the problems they experience, including: contaminated water, potential illnesses, inclement weather difficulties, drought problems, electrical failure, high cost of hauling water, the necessity to use water sparingly, and many others. Exhibit IV

is a letter from Sharon Fugate, Public Health Director for Jessamine County Health Department, addressed to County Judge Executive Neal Cassity. In this letter Ms. Fugate espouses her unconditional support for the project and describes the real need that exists from a Public Health standpoint.

B. Existing Facilities

The existing facilities of LSEWD are exclusively located in the western portion of Jessamine County. The District does not maintain or operate any facilities in the general vicinity of the subject project. Therefore the proposed system will be completely independent of the existing District system. The two areas will function as two separate systems within the same Water District. For this reason a limited amount of attention will be placed upon the existing facilities of LSEWD in this report. At the present time, LSEWD is operating in excellent condition, both physically and financially. Since LSEWD does not have facilities in the vicinity of the project, the Southeast Rural Water Extensions will receive its source of water from the City of Nicholasville.

Exhibit V is a copy of LSEWD's 1996 Budget which includes actual costs and income from operating year 1995. Exhibit VI is a copy of the past two auditors reports for the District, dated December 31, 1994, and December 31,

1995. The Existing Rate Schedule is included in this report as Exhibit VII. An Analysis of Actual Water Usage for the Existing System from the period of November 1995 to October 1996 is included as Exhibit VIII. The Water Usage Analysis was derived from historical usage data obtained from the District Office which is attached as Appendix B.

The District is currently repaying debt from two previous loans. A summary of these loans is given on Exhibit IX. The 1971 loan from Farmers Home Administration is the loan used to construct the original facilities of the Water District. The KIA loan of 1993 funded an extensive expansion which included 20 miles of new waterline and a 500,000 gallon storage tank.

C. Proposed Facilities and Services

1. General

The proposed project is comprised of 35 1/2 miles of 6" waterline and two 100,000 gallon standpipes. The system will be designed to meet the standards and regulations set forth by the Division of Water and the Public Service Commission. Due to the elevation of the proposed service area and its relation to the proposed supplier (City of Nicholasville Water Distribution System) no booster pump station will be required in order to provide adequate pressures to the customers. In fact pressure

reducing vaults on main lines as well as individual PRV's will be required to maintain maximum pressure at an acceptable level. Exhibit X is a Branch Line Map of the proposed project. Alphabetic identifiers are labeled on each segment of pipeline in order to identify branches that make up the entire project.

LSEWD proposes to install 6" waterline throughout the entire project. It is a District policy not to install any pipes of less than 6" in diameter due to numerous conflicts that have arisen in the past resulting from under sized lines. In a good faith effort, the District has pledged \$30,000 of it's own money toward the funding of the project in order to compensate for this requirement. With the exception of minor variations in methods to distribute water to residents, there is no feasible alternative to piping potable water. Water must be transported from a source to the consumer. It is the intent of this project to achieve this goal in a responsible and economical fashion.

2. Land

LSEWD will require 20 foot easements centered on the proposed waterlines when traversing private property. Efforts will be made to install waterlines adjacent to public road rights of way. In some areas it may be advantageous to deviate from this practice in order to take advantage of

more favorable topographic conditions. Location alternatives are limited due to the nature of the project. Most of the water line proposed in this project are distribution lines delivering water to users, therefore these lines must be installed in a relatively inflexible configuration.

3. Rights

As stated in the previous section LSEWD will obtain easements over private property for most of the waterline. In some cases it will be necessary to install waterline on public rights of way. Encroachment permits will be required when water line is laid on rights of way containing state highways. This will be necessary at several road crossings or in any event where right of way provides a more attractive alternative than private property. The two proposed standpipes constructed in association with this project will be located on parcels of land purchased by LSEWD. It is anticipated that these two sites will be located as shown on the Branch Line Map (Exhibit X). Where stream crossings are required, a stream construction permit must be obtained from the Division of Water.

The Health Department requires that the public be provided with a safe supply of water. As explained in her letter (Exhibit IV), Sharon Fugate is of strong opinion that the water supply to the residents of Jessamine County will be dramatically improved with the construction of this project.

It is clear that potential health problems currently exist that would be mitigated by this project.

D. Proposed System

1. Water Supply

a. sources

The proposed waterline will be constructed in accordance with the Division of Water as well as Public Service Commission regulations.

These regulations require that each individual meter be delivered a normal operating pressure of at least 30 psi and not greater than 150 psi. The usage requirement of the project is anticipated to be approximately 45,000 gallons per day (.045 million gallons per day).

In order to provide the requirements listed above, the supplier of water to the project must be capable of providing an adequate source.

The source of water for the proposed project will come from the City of Nicholasville's Water Treatment Plant. The Plant has the capacity of treating 6 million gallons per day and currently operates at less than 50% of capacity. The maximum day output of the plant to date is 3.6 million gallons. Since the projected use of the project is less than .05 million gallons per day, the source of water proposed for this project is clearly adequate for its need.

The tie-in for the proposed project will occur within 1,100 feet of the City's main transmission lines between the Treatment Plant and the City. Therefore it will be located between two elevated tanks in the City and the booster pump located at the Treatment Plant. The City's Distribution System is located in a higher elevation zone than the proposed project. For this reason pressures delivered to the area will be sufficient to serve the project without the aid of additional booster pumps. Gravity will feed the proposed standpipes that will be built in association with the project.

Spears Water Company has several small diameter distribution lines located adjacent to the project area. These lines are shown on Exhibit X with pipe sizes labeled. Spears Water Company also purchases it's water from the City of Nicholasville. Due to the under sized lines in the Spears Water Company System, it is unfeasible to rely on it as a source for the subject project.

Kentucky American Water Company (KAWC) was contacted to ascertain whether it had any interest in serving the proposed project. The location of the nearest KAWC watermain precluded them from having a feasible opportunity to participate in the project. Exhibit XI is

a letter from Roy W. Mundy of KAWC , declining to participate in the project.

The City of Nicholasville has executed a water purchase contract with LSEWD in which they have agreed to provide water to the proposed service area for a period of at least 45 years. There is no limit to the amount of water sold. A copy of the Water Purchase Contract is included as Appendix C of this report.

b. Treatment

It is not anticipated that any additional treatment will be required on the water that the City of Nicholasville delivers to the proposed service area. The proposed tie-in location is less than 10,000 feet from the Nicholasville Water Treatment Plant. Therefore chlorine residuals in the water received by the proposed system should be acceptable. Regular testing and monitoring will be conducted in accordance with Division of Water regulations in order to insure the quality of water. This testing program will be implemented in conjunction with the testing program currently in place on existing LSEWD system. Two standpipes will be constructed and will be equipped with telemetry devices in order to control solenoid valves. This will allow proper turn over of water inside the tanks. Regular filling and emptying of the

tanks, reduces the potential of stagnated water.

A very important contribution to good water quality is the regular flushing of distribution lines. This project has proposed the installation of 50 blow off hydrants at a rate of 1.4 hydrants per mile in order to achieve this goal. The hydrants will be utilized in conjunction with the regular flushing program that is in place on the existing system of the LSEWD.

c. Storage

According to Public Service Commission Regulations, each Distribution System must have the storage equivalent of one day of usage. As shown on Exhibit III and X two 100,000 standpipes are proposed for installation. The combined volume of these tanks will satisfy PSC regulations, even during peak usage periods. It is anticipated that the standpipes will be constructed 100 feet tall with overflow elevations of 1120 at the Pollard standpipe and 1060 at the Sugar Creek Road standpipe.

d. Pressure

Public Service Commission regulations require that each individual service receive a minimum of 30 psi and a maximum pressure of 150 psi

at the meter. Achieving the minimum pressure will not be a problem for the subject service area. In fact, gravity from the City of Nicholasville's supply will provide adequate water pressure across the District without the necessity of an additional booster pump in the proposed service area. High pressures however, will be of some concern. Pressure reducing vaults will be necessary in order to control pressures. In areas where pressure reducing vaults are not cost effective individual PRV's will be located on customers meter settings. The installation a PRV between the two proposed standpipes will create two separate pressure zones within the system. Thus explaining the different overflow elevations of each stand pipe.

e. Distribution Systems

Distribution Systems for the proposed project will be constructed in accordance with the Division of Water and Public Service Commission regulations. The system proposed is comprised of 187,050 lineal feet of 6" waterline. As discussed in section I.C.1., the District's policy is to construct no waterlines less than 6" in diameter. Therefore all waterlines within the project will be 6" waterlines. The predominate portion of the waterline constructed will be PVC, the exception to this will occur at creek crossings where ductile iron pipes will be installed. Sixty percent of the PVC is class 200 and forty percent is class 250. Class

250 pipe will be laid in areas of lower elevation in order to withstand high pressures. Section I.E. contains a much more detailed break down of construction quantities. Some other key features to be installed with this project include four 4" PRV vault, one 6" PRV vault, one master meter vault, one telemetry system in order to operate the master solenoid valve.

f. Hydraulic Calculations in Tabular Form

Attached to this report as Appendix D is a copy of the hydraulic calculations utilized in conjunction with this report. The calculations were computed on a hydraulic modeling program called KYPIPE 3.

E. Cost Estimate

The total cost of the proposed project is estimated to be \$2,714,511. Exhibit XII is a summary of all costs associated with the project. A list of each portion of this summary is given below with a description of the associated activity.

Construction: Appendix E of this report is the detailed engineering estimate for the construction portion of this project. The first page is a summary of construction costs for the entire project. The remaining pages are cost

estimates for each branch line of the project. These branches are graphically defined on Exhibit X.

Land Aquisition: This includes the cost anticipated to cover the aquisition of two standpipe sites. Due to the strong support of area residents it is anticipated that most easements will be donated. To the knowledge of the project team, not one voice of opposition has been made publicly regarding this project.

Engineering: Preliminary, Design, and Inspection: This includes the services to provide professional execution of the project from concept to completion. The design and inspection fees are based on the sliding scale recommended by Rural Development as a percentage of construction cost. The preliminary engineering cost is based on costs from similar projects of comparable magnitude.

Legal Services: Legal services will be required in connection with RD Bond Sale and Kentucky Public Service Commission matters.

Additional Engineering: Additional engineering services are anticipated to be required in the following areas:

Easements / Land aquisitions

Sites / Property survey

Appearances before regulatory agencies

Detailed staking in rough terrain

Contract administration for two contracts (distribution lines & standpipes)

Geotechnical Services: Geotechnical services will be required at the two tank sites to assure appropriate tank foundation conditions.

Interest During Construction: Since the permanent RD loan is not consummated until near the end of construction funds need to be available to pay the interest on the interim financing.

Planning (including archaeological survey): This includes costs incurred by the applicants designee to determine the project viability.

Contingencies: Contingencies are required to supplement any project activity in which a dollar short fall might occur.

HUD CDBG Administration: This portion of the project includes activities related to the development of a HUD CDBG grant application.

F. Annual Operating Budget

1. Income

In order to finance the construction of the proposed project the LSEWD will increase its rate by \$3.00 to all customers, including new and existing users. This will be achieved by adding \$3.00 to all minimum bills. In addition to an across the board rate increase, a \$6.00 surcharge will be assessed to all new users in the subject project area. Two separate proposed rate schedules have been developed and have been included in this report as Exhibit XIII.

Utilizing the new rate schedule, a forecast of water usage and income derived by water usage was developed. Income derived from existing customers is shown on Exhibit XIV, and income derived from new users is shown on Exhibit XV. As explained in section I.B., the distribution of users by incremental quantities, was derived from historical data maintained by the Water District Billing Office (data is included as Appendix B). It is anticipated that future usage will be similar to the pattern that currently exists. The usage distribution shown on the new users forecast was derived in order to create a reasonable distribution with an average usage of approximately 4,200 gallons per customer, as suggested by Rural Development.

The income generated by water sales is converted to an annual equivalent and comprises the majority of the proposed operating budget. The proposed operating budget is included for the Existing Customers, New Users and a combination of both for the entire District (the District subsequent to the completion of this project). These budgets are included as Exhibits XVI, XVII, and XVIII in this report.

A small portion of income is included on the proposed operating budgets from funds generated through disconnections and late charges, etc. These values are based on the current budget for the District.

2. Operation and Maintenance Costs

Operation and maintenance costs on the Proposed Operating Budget for existing users only (Exhibit XVI), are taken from the 1996 budget with a modest increase for inflation to the year 1998. It is anticipated that this project will be completed at that time.

It is expected that 309 new customers will be generated by the proposed project. This is approximately 22% of the 1,405 existing customers in LSEWD. Operation and maintenance costs on the Proposed Operating Budget for new users only (Exhibit XVII) were derived by multiplying operation and maintenance costs from the existing customer budget by

22%. The cost associated with Source of Supply of Water for the new service area was derived by applying the executed agreement between LSEWD and the City of Nicholasville (which includes a water usage rate of \$1.81 per 1,000 gallons) to the amount forecasted on Exhibit XV, Water Usage Forecast (with 5% added in for line losses). Pump expenses are zero for the proposed project due to the fact that no additional booster pump station will be required with this project.

The operation and maintenance costs of existing and new users is combined on Exhibit XVIII. This Exhibit comprises the Proposed Budget for the entire District, subsequent to completion of this project. Exhibit VI (current budget for LSEWD), includes actual costs of operation for 1995, which substantiates the operation and maintenance budget cost estimates included in the forecasted budgets.

3. Capital Improvements

The district does not expect to initiate capital improvements other than that contained in this project.

4. Debt repayments

LSEWD is currently repaying two debts. The first is a loan from the Farmers Home Administration that was received in 1971 in the amount of

\$120,000.00. The second is a loan from KIA that was received in 1993 in the amount of \$1,784,276.00. These two loans combined to create a total debt repayment cost to the District of \$169,399.00 annually (see Exhibit IX). The addition of the loan required to finance the subject project will create an additional debt repayment of \$102,591.00 leaving the total debt repayment line item of the District's budget at a combined \$271,990.00.

5. Reserve

As specified by the Rural Development, one tenth of the total annual debt repayment should be included in the budget as a reserve. This is otherwise known as coverage and listed as line item F in each of the three proposed operating budgets. By inspecting the combined Existing and New Users Proposed Budget, it is clear that an amount in excess of 10% is achieved with the proposed rate structures in place.

G. Construction Problems

The topography of the project area will present challenges relating to the installation and construction process. The topography of the area is considerably more wooded and much less maintained than other portions of Jessamine County. The steep terrain will present an obstacle from the stand

point of establishing a flat base from which to dig trenches, unload materials, and to install the pipelines. It is anticipated that a trenching machine will be utilized for excavation of ditches. In order to operate a trenching machine on steep terrain, a path must be cleared and a bench constructed to create a level surface on which the trencher will operate. Subsequent to the completion of waterline installation the disturbed areas will be regraded to their original contours.

Perhaps the largest obstacle to overcome on the subject project will be the presence of shallow subsurface rock. Based on prior experience in the project area, it is expected that a considerable amount of rock will be encountered during the excavation of the ditches. As noted in the previous paragraph it is anticipated that a trenching machine will be utilized for the excavation of trenches. Perhaps the biggest benefit of utilizing the trenching machine is its ability to excavate through rock. Trenching machines pulverize rock encountered during excavation, thereby creating a fine dust which is suitable as backfill material in combination with soil.

The engineering estimate completed for this project anticipates that there will be 2250 lineal feet of stream crossings associated with the construction of pipeline for this project. Construction at stream crossings present a

challenge with regard to the management of ground water and the potential of rising surface water. Cofferdams and sump pits can be created in order to pump water infiltrating into an excavation. There will also be requirements placed on the contractor to control erosion and mitigate sediment migration. This will be achieved through check dams, silt fences, and hay bales as well as proper planning and anticipation of potential problems. Any construction within the flood plain of a creek having a watershed of one square mile or larger will require a stream construction permit from the Division of Water.

H. Conclusions and Recommendations

Rarely is a concept proposed of the magnitude of this project without a considerable amount of opposition from various individuals or organizations. Despite a formal public hearing, several public meetings and regular media coverage of this project, an incredible statement can be made regarding the Southeast Jessamine Rural Water Extensions proposal. Not one objection has been made, either formally or informally, to the team of organizations and individuals who have completed the preliminary work on this project. In fact the overwhelming support has come not only from residents of Jessamine County who stand to gain a safe potable water supply, but also from the existing customers of LSEWD who

will help subsidize the project with a \$3.00 increase to the existing rate schedule. There is a clear and definite need for a safe potable water supply to be delivered to the residents of the project area. The project has the good fortune of a host of willing participants in the process. These include Jessamine Fiscal Court, LSEWD, the Blue Grass Area District Development, the City of Nicholasville, Jessamine County Health Department, and individuals that have devoted their time and efforts in order to see the concept to become a reality. It is the culmination of these efforts that has made the concept of a safe potable water supply to areas residents a realistic and viable endeavor.

APPENDIX A

Exhibits

Exhibit I



- Existing District Boundaries
- LS&WD Lexington - South Elkhorn Water District
- J&WD Jessamine County Water District No. 1
- ▨ Proposed Service Areas

X AREAS DELETED

Proposed Service Areas
 Southeast Jessamine County
 Waterline Extensions

Lexington - South Elkhorn Water District

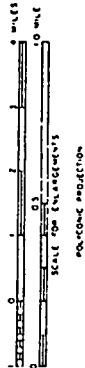
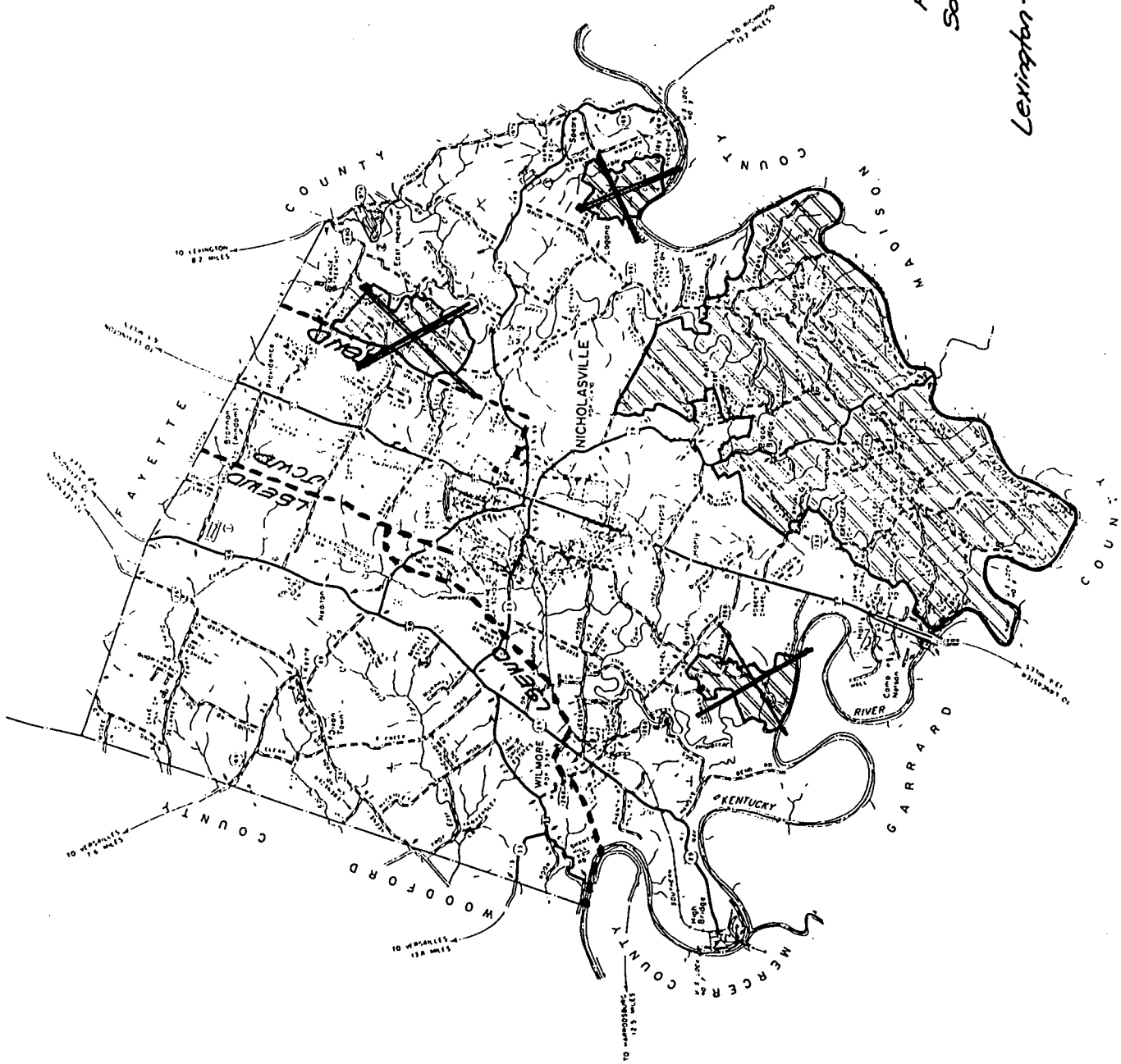
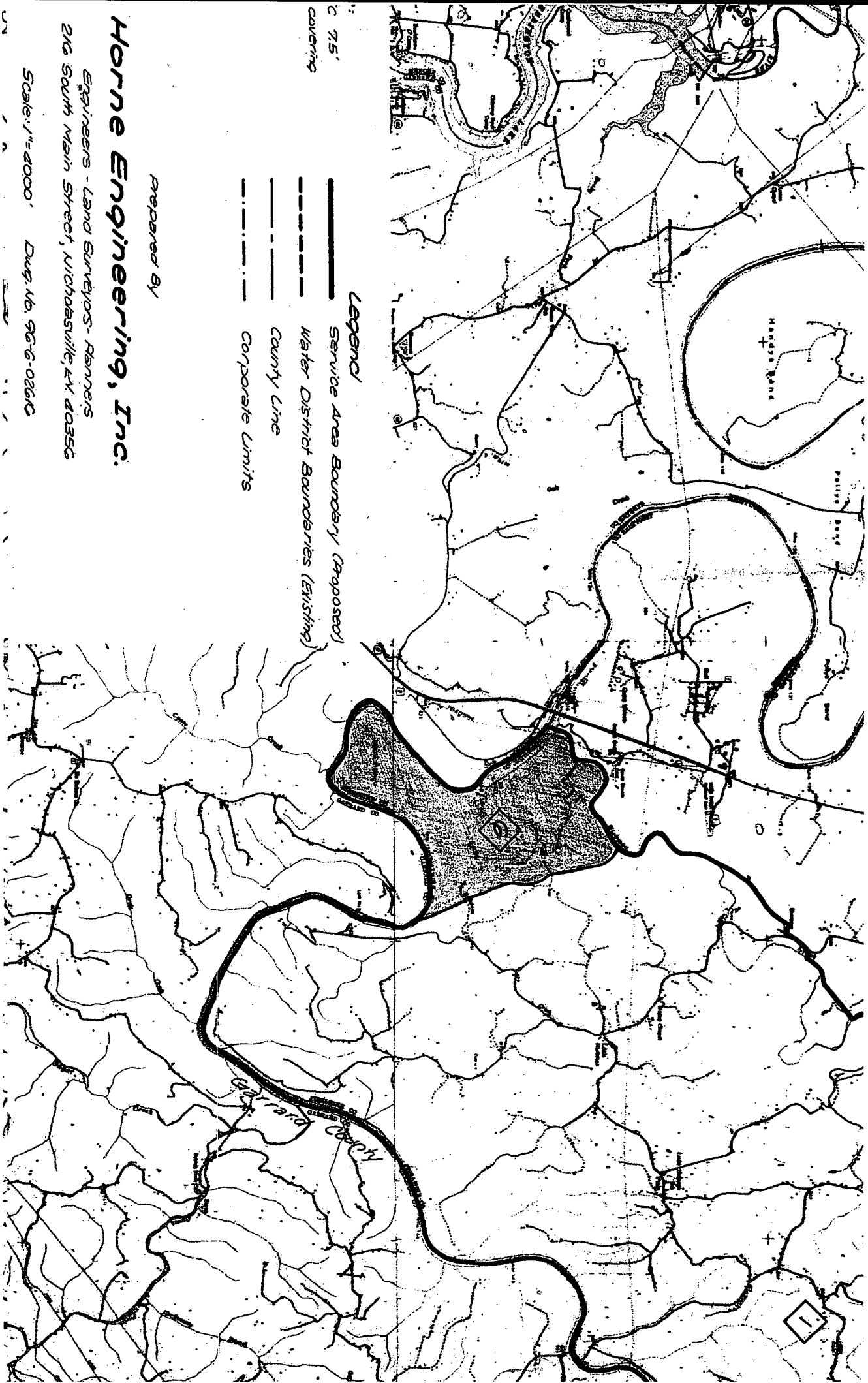


Exhibit II



c 75'
covering

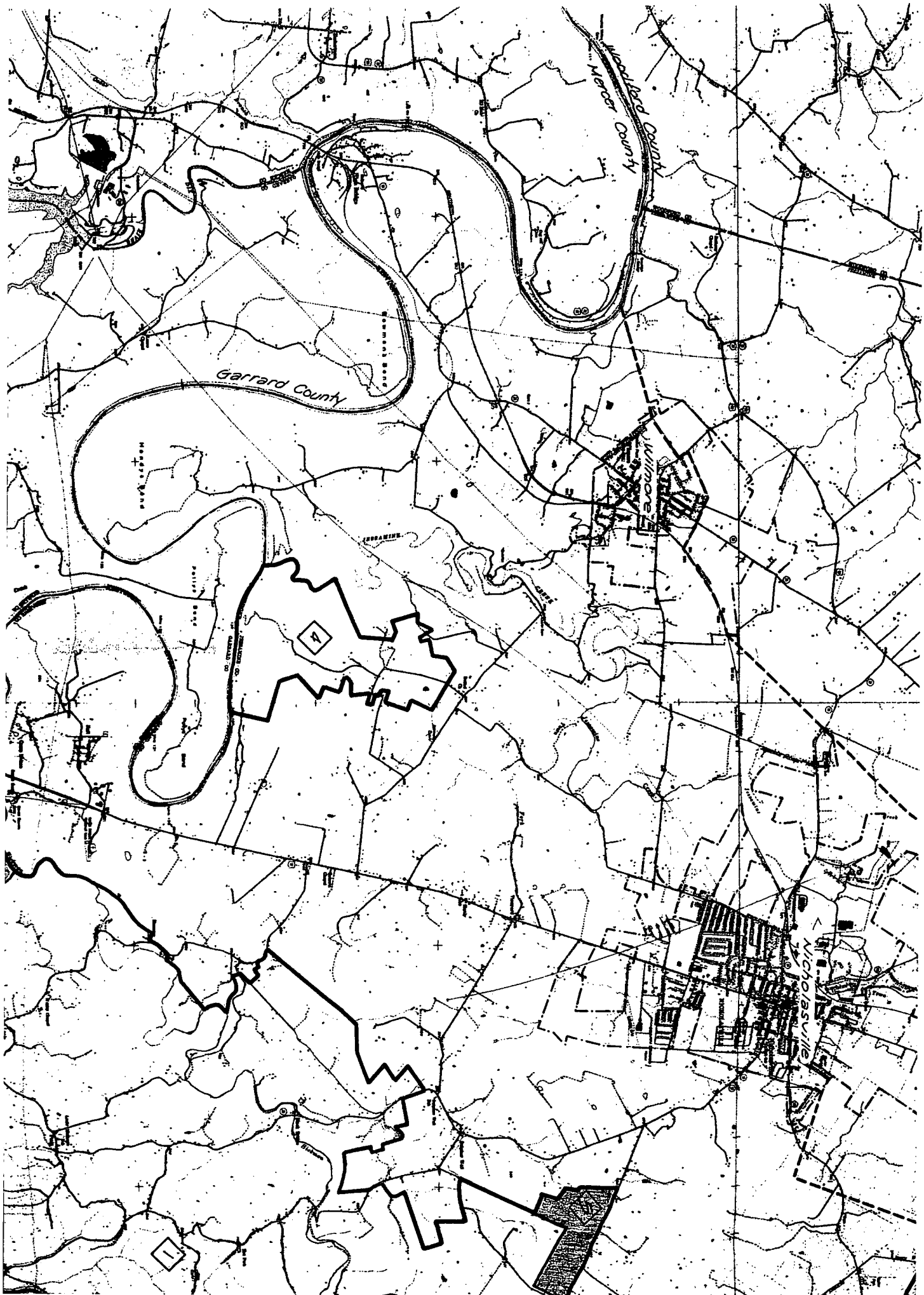
- Legend**
- Service Area Boundary (Proposed)
 - Water District Boundaries (Existing)
 - County Line
 - - - - - Corporate Limits

Prepared by

Horne Engineering, Inc.

Engineers - Land Surveyors - Planners
216 South Main Street, Nicholasville, KY 40356

Scale: 1"=4000' Draw. No. 96-6-0261C



Woodford County
Mercer County

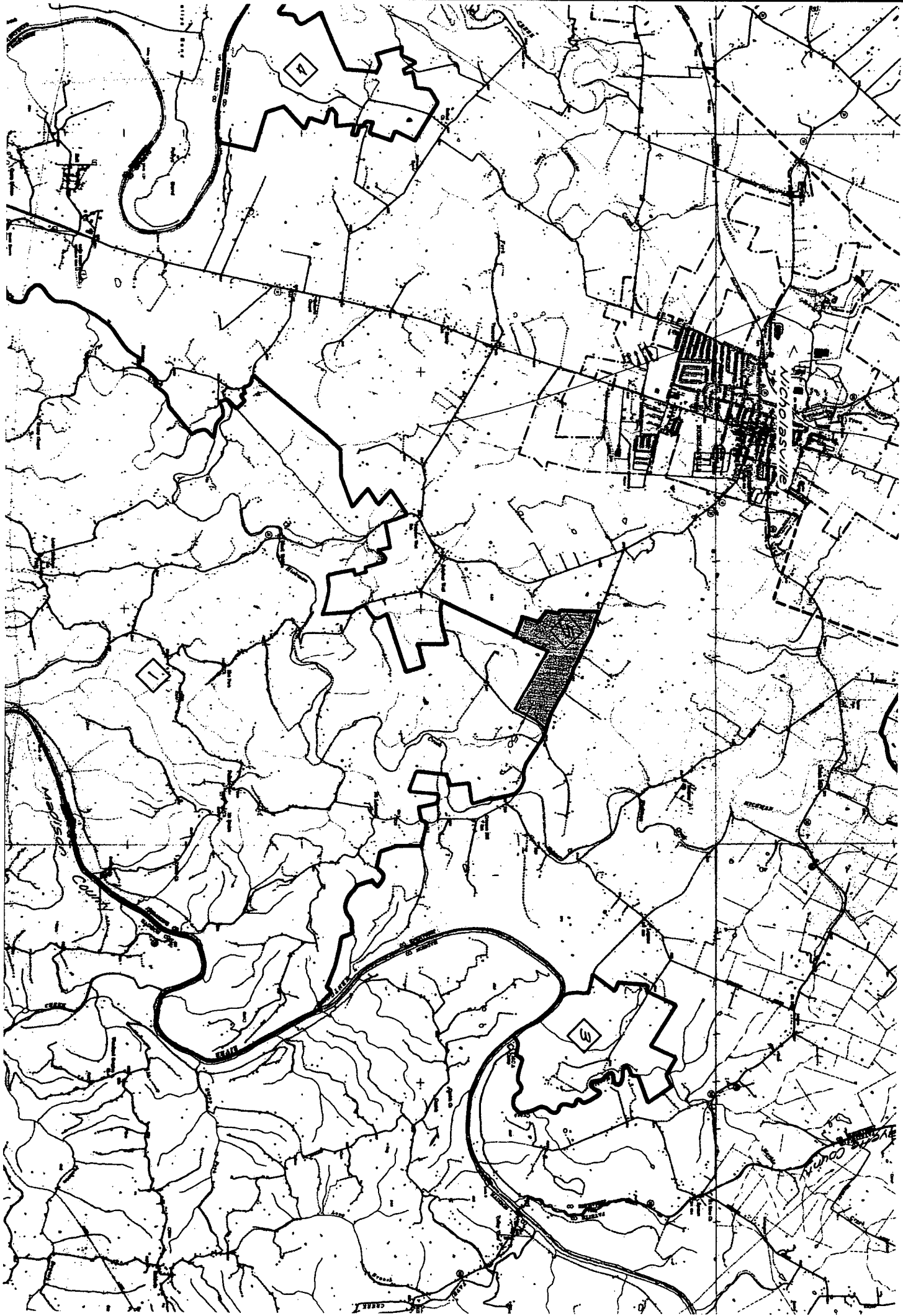
Garrard County

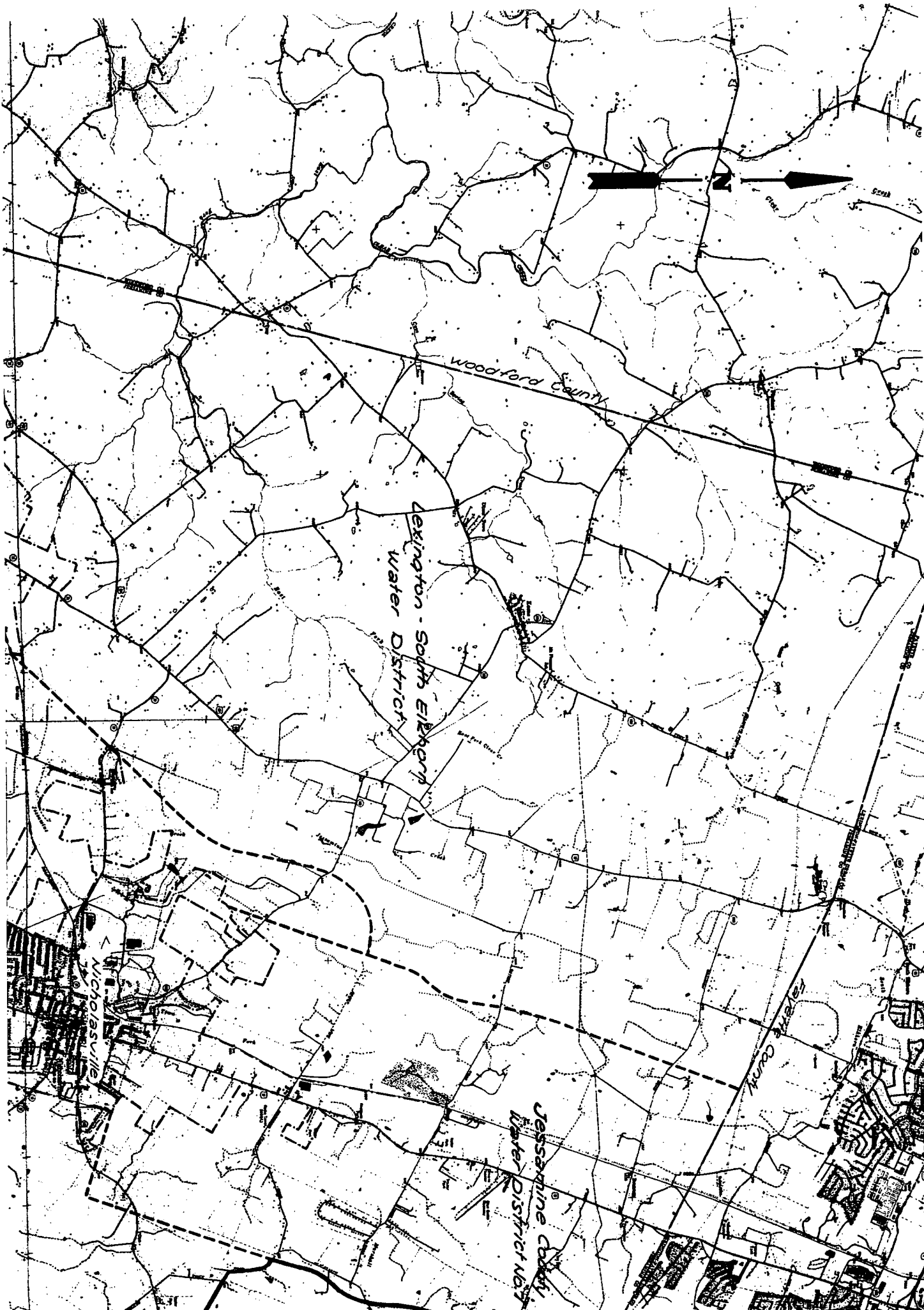
NICHOLASVILLE

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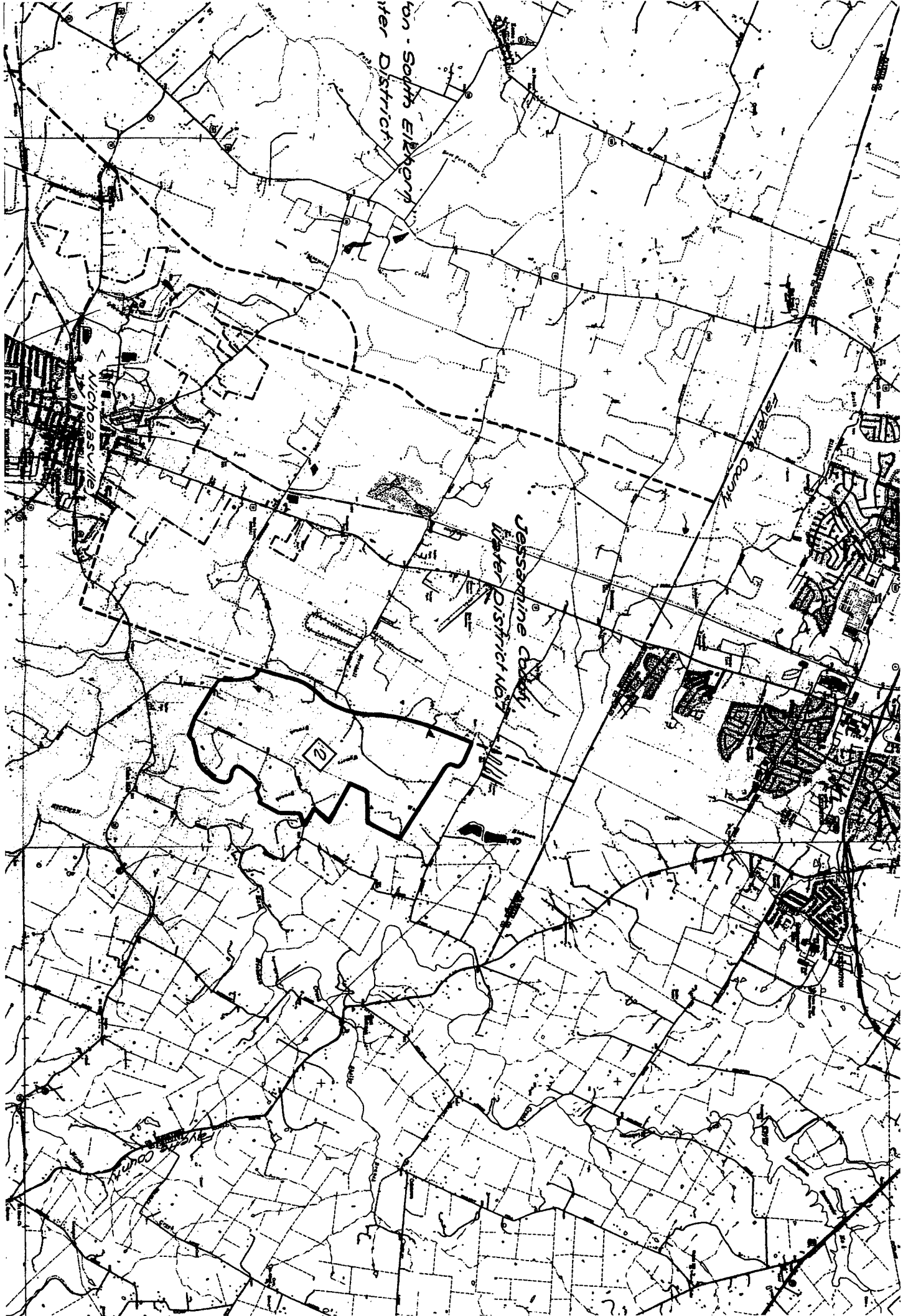
Woodford County

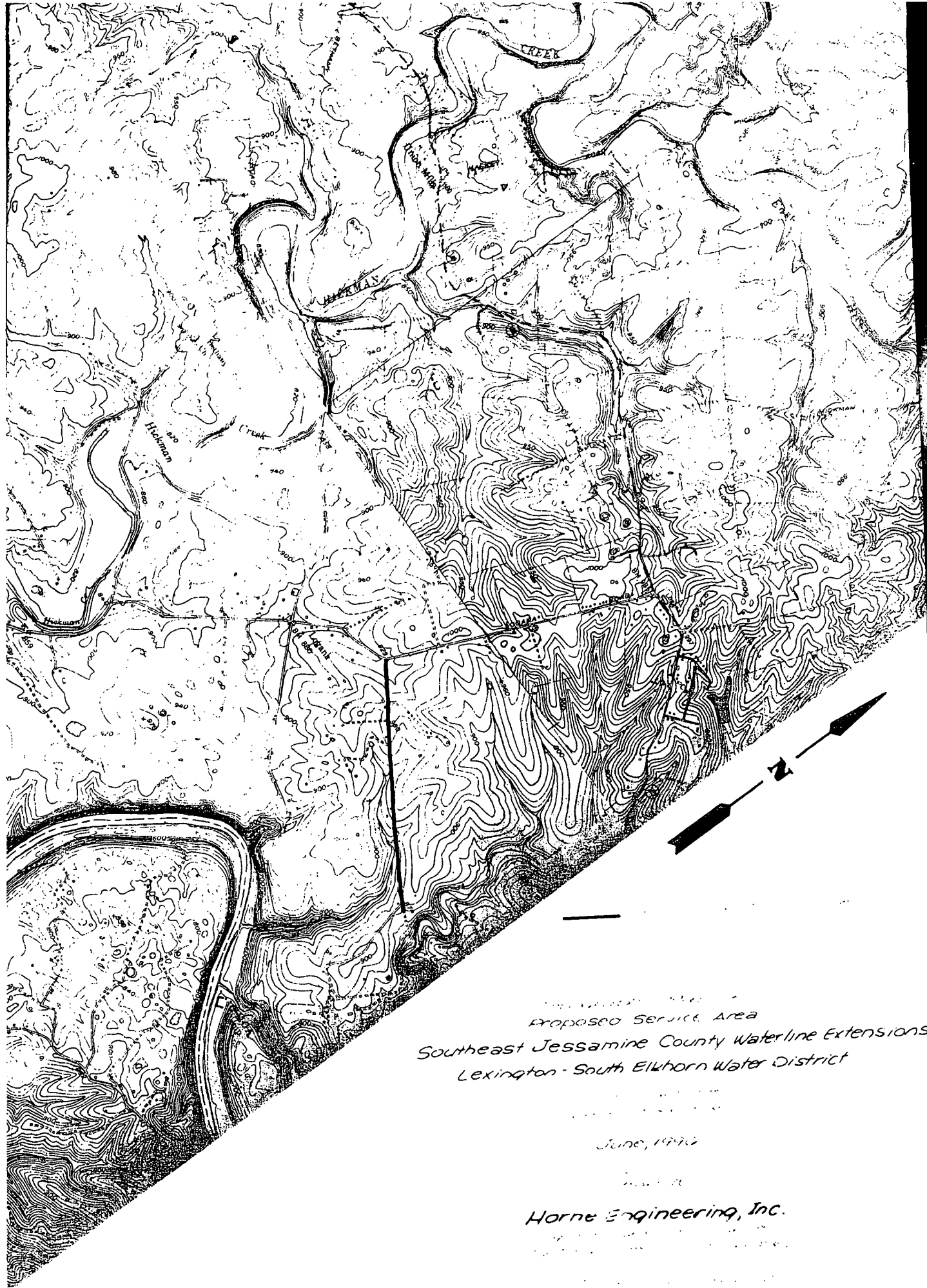
Lexington - South Elkhorn
Water District

Nicholasville

Jessamine County
Water District

Jessamine County

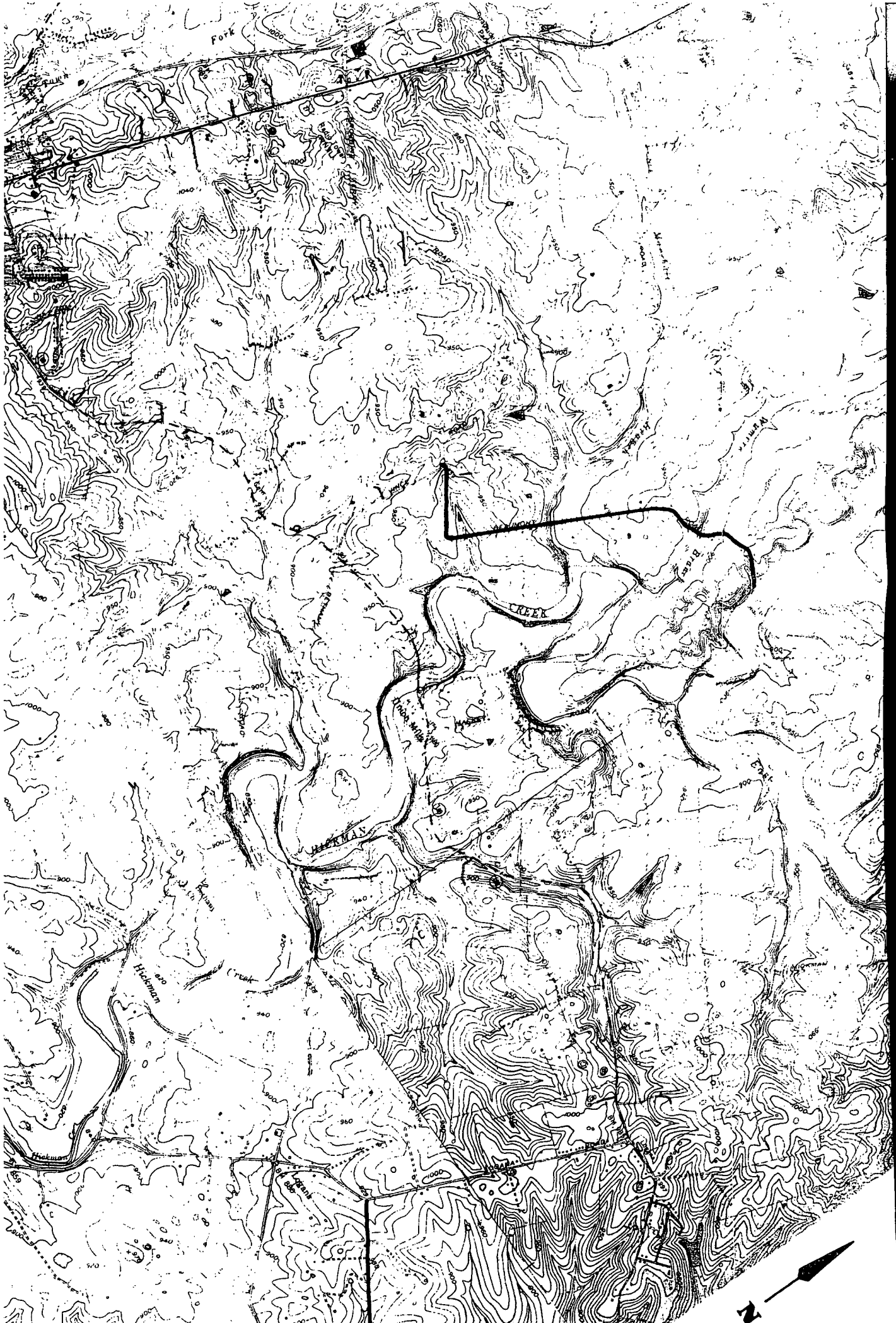




Proposed Service Area
Southeast Jessamine County Waterline Extensions
Lexington - South Elkhorn Water District

June, 1970

Horne Engineering, Inc.









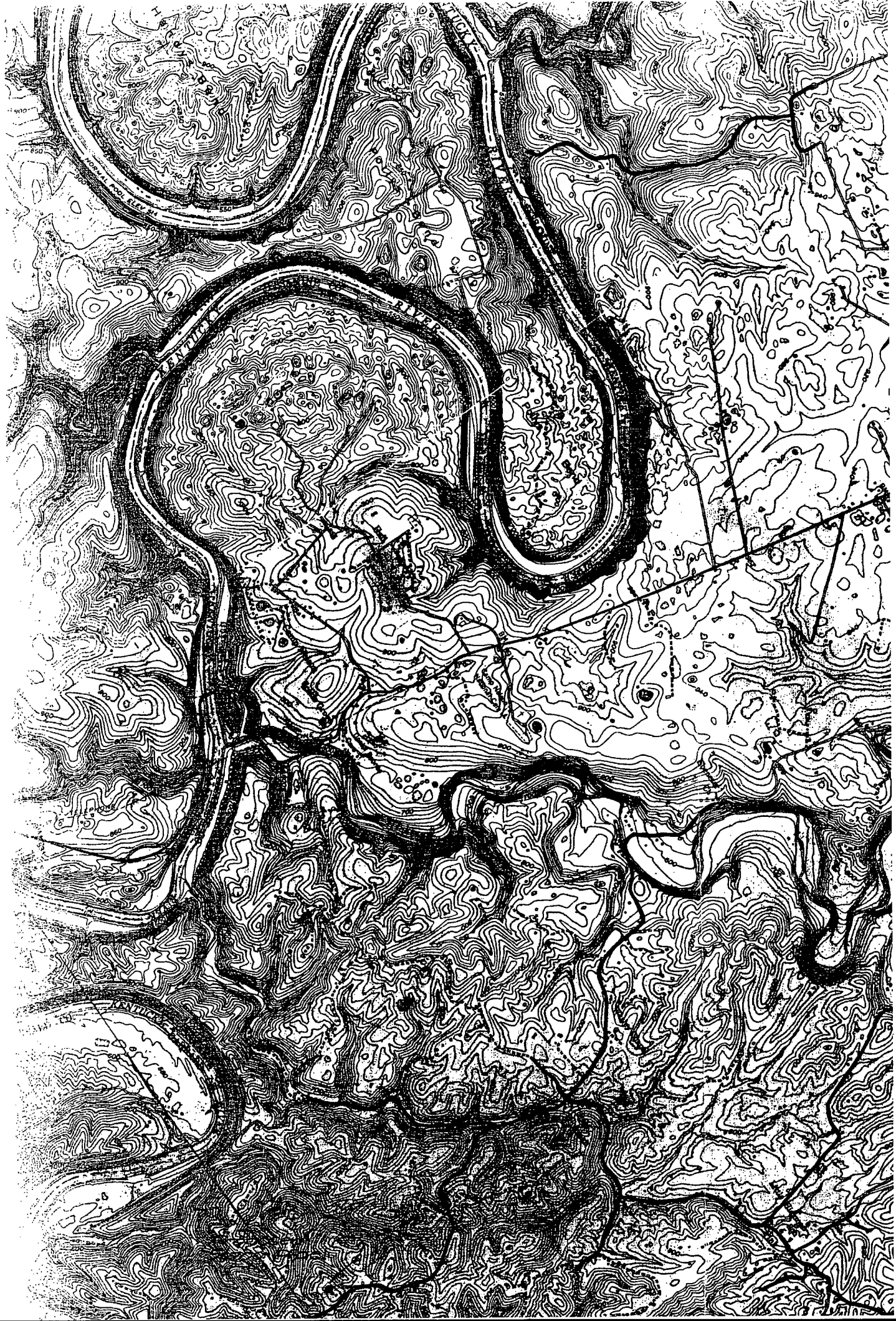


Exhibit IV

JESSAMINE COUNTY HEALTH DEPARTMENT
215 EAST MAPLE STREET
NICHOLASVILLE, KY 40356-1203
MEDICAL (606) 885-4149 ENVIRONMENTAL (606) 885-2310

June 17, 1996

County Judge Executive William Neal Cassity
Jessamine County Courthouse
Nicholasville, Ky. 40356

Re: Water Supplies in Southeast Jessamine County

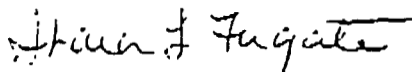
Dear Judge Cassity,

As you know, we conducted a significant survey of private water supplies in southeastern Jessamine County. All but one of 76 samples were taken in May and June of 1996. The results of that bacteriological sampling are now in hand.

I regret to report to you that 50 of the 76 samples (66 percent) showed fecal or other bacteriological contamination. I alert you that drinking contaminated water can lead to illness and sometimes death, especially among the young, the elderly, and those who have compromised immune systems. The present situation is a dangerous one.

I take this opportunity to encourage you, the Jessamine County Fiscal Court, and the Lexington-South Elkhorn Water District, to diligently pursue financial support that would permit the extension of an approved community water system to Southeast Jessamine County residents and thereby eliminate the present public health risk that this situation poses. This serious matter must be dealt with.

Sincerely,



Sharon L. Fugate
Public Health Director

Exhibit V

LEXINGTON SOUTH ELKHORN WATER DISTRICT

FINANCIAL STATEMENTS
AND
AUDITORS' REPORT

DECEMBER 31, 1995

LEXINGTON SOUTH ELKHORN WATER DISTRICT
NICHOLASVILLE, KENTUCKY

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Independent Auditors' Report on Compliance Based on an Audit of General-Purpose Financial Statements Performed in Accordance With <u>Government Auditing Standards</u>	10
Independent Auditors' Report on the Internal Control Structure of Lexington South Elkhorn Water District as an Entity	11 - 12

KRING, COHEN, SAGESER & BESTEN, PSC

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CHRISTOPHER W. RIDDLE, CPA

INDEPENDENT AUDITORS' REPORT

The Commissioners
Lexington South Elkhorn Water District
Nicholasville, Kentucky

We have audited the accompanying general-purpose financial statements of Lexington South Elkhorn Water District as of and for the year ended December 31, 1995. These general-purpose financial statements are the responsibility of the District's management. Our responsibility is to express an opinion on these general-purpose financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general-purpose financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the general-purpose financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall general-purpose financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the general-purpose financial statements referred to above present fairly, in all material respects, the financial position of Lexington South Elkhorn Water District as of December 31, 1995, and the results of its operations and its cash flows for the year then ended in conformity with generally accepted accounting principles.

Kring, Cohen, Sageser & Besten, PSC

Lexington, Kentucky
March 7, 1996

LEXINGTON SOUTH ELKHORN WATER DISTRICT
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 31, 1995
(with comparative totals for the year ended December 31, 1994)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Totals 1995	Totals 1994
Increase (Decrease) in Cash and Cash Equivalents:								
Cash Flows from Operating Activities:								
Cash received from customers	\$ 640,336	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 640,336	\$ 606,023
Cash paid to suppliers and service providers	84	(380,387)	-	(22,445)	-	(3,630)	(406,378)	(434,964)
Interest received	2,563	1,009	533	2,186	1,506	1,103	8,900	7,555
Interest paid	(144)	-	(6,350)	-	-	(95,948)	(102,442)	(104,866)
Transfers	(612,500)	395,150	12,350	7,147	-	197,853	-	-
Net Cash Provided (Used) by Operating Activities	30,339	15,772	6,533	(13,112)	1,506	99,378	140,416	73,748
Cash Flows Used by Investing Activities:								
Capital expenditures	-	-	-	-	-	(96,700)	(96,700)	(230,447)
Cash Flows from Financing Activities:								
Net customer deposits	(50)	-	-	-	-	-	(50)	320
Connection fees	-	-	-	27,450	-	-	27,450	18,400
Proceeds from bond obligations	-	-	-	-	-	-	-	200,632
Principal payments under bond obligations	-	-	(7,000)	-	-	(61,202)	(68,202)	(65,547)
Net Cash Provided (Used) by Financing Activities	(50)	-	(7,000)	27,450	-	(61,202)	(40,802)	153,805
Net Increase (Decrease) in Cash and Cash Equivalents	30,289	15,772	(467)	14,338	1,506	(58,524)	2,914	(2,894)
Cash and Cash Equivalents, beginning of year	24,968	84,143	10,035	65,056	25,883	66,528	276,613	279,507
Cash and Cash Equivalents, end of year	\$ 55,257	\$ 99,915	\$ 9,568	\$ 79,394	\$ 27,389	\$ 8,004	\$ 279,527	\$ 276,613
Reconciliation of Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:								
Operating income (loss)	\$ 32,440	\$ 17,430	\$ 6,533	\$(21,952)	\$ 1,506	\$ 99,569	\$ 135,526	\$ 79,238
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:								
(Increase) decrease in accounts receivable	(2,237)	1,368	-	(5,151)	-	-	(6,020)	1,230
(Increase) decrease in prepaid expenses	-	(356)	-	-	-	-	(356)	(282)
Increase (decrease) in accounts and taxes payable	136	(2,670)	-	13,991	-	(191)	11,266	(6,438)
Net Cash Provided (Used) by Operating Activities	\$ 30,339	\$ 15,772	\$ 6,533	\$(13,112)	\$ 1,506	\$ 99,378	\$ 140,416	\$ 73,748

The accompanying notes are an integral part of these financial statements.

LEXINGTON SOUTH ELKHORN WATER DISTRICT
 STATEMENT OF RECEIPTS, EXPENDITURES AND EQUITIES (CONTINUED)
 FOR THE YEAR ENDED DECEMBER 31, 1995
 (with comparative totals for the year ended December 31, 1994)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1995	Totals 1994
Operating Income (Loss)	\$32,440	\$ 17,430	\$ 6,533	\$(21,952)	\$ 1,506	\$ 99,569	\$ -	\$ 135,526	\$ 79,238
Equities, December 31, 1994	33,094	86,224	10,035	62,863	25,883	1,462,610	-	1,680,709	1,534,871
Construction contributions	-	-	-	-	-	189,600	-	189,600	135,000
Connection fees	-	-	-	27,450	-	-	-	27,450	22,360
Bonds paid	-	-	(7,000)	-	-	7,000	-	-	-
Depreciation	-	-	-	-	-	(96,538)	-	(96,538)	(88,554)
Amortization	-	-	-	-	-	(2,206)	-	(2,206)	(2,206)
Equities, December 31, 1995	<u>\$65,534</u>	<u>\$103,654</u>	<u>\$ 9,568</u>	<u>\$ 68,361</u>	<u>\$27,389</u>	<u>\$1,660,035</u>	<u>\$ -</u>	<u>\$1,934,541</u>	<u>\$1,680,709</u>

The accompanying notes are an integral part of these financial statements.

LEXINGTON SOUTH ELKHORN WATER DISTRICT
STATEMENT OF RECEIPTS, EXPENDITURES AND EQUITIES
FOR THE YEAR ENDED DECEMBER 31, 1995
(with comparative totals for the year ended December 31, 1994)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1995	Totals 1994
Receipts:									
Water sales	\$ 632,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 632,522	\$ 595,468
Interest	2,563	1,009	533	2,186	1,506	1,103	-	8,900	7,555
Penalties	10,418	-	-	-	-	-	-	10,418	9,269
Service charges	2,775	-	-	-	-	-	-	2,775	3,105
Other revenue	18	-	-	-	-	-	-	18	-
Transfers	-	395,150	12,350	55,000	-	197,853	(660,353)	-	-
Total Receipts	648,296	396,159	12,883	57,186	1,506	198,956	(660,353)	654,633	615,534
Expenditures:									
Water purchases	-	230,344	-	-	-	-	-	230,344	222,787
Interest	144	-	6,350	-	-	95,757	-	102,251	104,717
Engineering	-	10,546	-	-	-	-	-	10,546	14,444
EPA monitoring	-	2,421	-	-	-	-	-	2,421	1,727
Customer bookkeeping	-	22,844	-	-	-	-	-	22,844	21,766
General bookkeeping	-	23,567	-	-	-	-	-	23,567	23,307
Professional fees	-	16,339	-	769	-	-	-	17,108	33,493
Commissioners' salaries	-	9,000	-	-	-	-	-	9,000	9,000
Maintenance and repairs	-	-	-	26,814	-	-	-	26,814	32,038
Meter readings and testing	-	180	-	2,052	-	-	-	2,232	956
Travel	-	5,544	-	-	-	-	-	5,544	5,280
Office expense and miscellaneous	52	7,397	-	1,650	-	-	-	9,099	11,641
Payroll	-	31,370	-	-	-	-	-	31,370	29,743
Payroll taxes	-	3,259	-	-	-	-	-	3,259	3,158
Insurance	-	5,221	-	-	-	-	-	5,221	4,389
Utilities and telephone	-	6,497	-	-	-	-	-	6,497	8,876
Rent	-	4,200	-	-	-	-	-	4,200	4,230
Bad debts	3,160	-	-	-	-	-	-	3,160	993
Service fees - KIA bond	-	-	-	-	-	3,630	-	3,630	3,751
Transfers	612,500	-	-	47,853	-	-	(660,353)	-	-
Total Expenditures	615,856	378,729	6,350	79,138	-	99,387	(660,353)	519,107	536,296

Continued

LEXINGTON SOUTH ELKHORN WATER DISTRICT
BALANCE SHEET (CONTINUED)
DECEMBER 31, 1995
(with comparative totals for December 31, 1994)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1995	Totals 1994
EQUITIES AND LIABILITIES									
Equities:									
Fund balances	\$65,534	\$103,654	\$9,568	\$68,361	\$27,389	\$ (504,779)	\$ -	\$ (230,273)	\$ (267,055)
Contributions in Aid of Construction and Government Grant	-	-	-	-	-	2,164,814	-	2,164,814	1,947,764
Total Equities	<u>65,534</u>	<u>103,654</u>	<u>9,568</u>	<u>68,361</u>	<u>27,389</u>	<u>1,660,035</u>	<u>-</u>	<u>1,934,541</u>	<u>1,680,709</u>
Long-Term Debt:									
Revenue Bonds Payable, less current portion - Note B	-	-	-	-	-	1,841,420	-	1,841,420	1,911,277
Current Liabilities:									
Current portion of revenue bonds payable - Note B	-	-	-	-	-	-	-	-	-
Accounts payable	-	11,295	-	17,324	-	62,856	-	62,856	61,201
Accounts payable - interfund	-	-	-	-	-	7,772	-	36,391	63,295
Sales and utility taxes payable	1,632	-	-	-	-	12,288	(12,288)	-	-
Accrued interest payable	-	-	-	-	-	-	-	1,632	1,496
Customer deposits	<u>5,275</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>7,900</u>	<u>-</u>	<u>7,900</u>	<u>8,091</u>
Total Current Liabilities	<u>6,907</u>	<u>11,295</u>	<u>-</u>	<u>17,324</u>	<u>-</u>	<u>90,816</u>	<u>(12,288)</u>	<u>114,054</u>	<u>139,408</u>
Total Equities and Liabilities	<u>\$72,441</u>	<u>\$114,949</u>	<u>\$9,568</u>	<u>\$85,685</u>	<u>\$27,389</u>	<u>\$3,592,271</u>	<u>\$(12,288)</u>	<u>\$3,890,015</u>	<u>\$3,731,394</u>

The accompanying notes are an integral part of these financial statements.

LEXINGTON SOUTH ELKHORN WATER DISTRICT
BALANCE SHEET
DECEMBER 31, 1995
(with comparative totals for December 31, 1994)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1995	Totals 1994
ASSETS									
Utility Plant:									
Pumping Plant and Distribution System - Notes A and B	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,985,717	\$ -	\$3,985,717	\$3,737,642
Less accumulated depreciation	-	-	-	-	-	781,490	-	781,490	684,953
Net Plant and Distribution System	-	-	-	-	-	3,204,227	-	3,204,227	3,052,689
Current Assets:									
Cash	55,257	99,915	-	47,709	-	8,004	-	210,885	210,752
Certificates of deposit and savings accounts	-	-	9,568	31,685	27,389	-	-	68,642	65,861
Accounts receivable	17,184	427	-	6,291	-	-	-	23,902	17,882
Accounts receivable - interfund	-	12,288	-	-	-	-	(12,288)	-	-
Prepaid expenses	-	2,319	-	-	-	-	-	2,319	1,963
Total Current Assets	72,441	114,949	9,568	85,685	27,389	8,004	(12,288)	305,748	296,458
Deferred Debits - Note B:									
Unamortized bond costs	-	-	-	-	-	38,612	-	38,612	40,819
Debt service reserve fund	-	-	-	-	-	168,746	-	168,746	168,746
Unexpended bond proceeds	-	-	-	-	-	172,682	-	172,682	172,682
Total Other Assets	-	-	-	-	-	380,040	-	380,040	382,247
Total Assets	\$72,441	\$114,949	\$9,568	\$85,685	\$27,389	\$3,592,271	\$(12,288)	\$3,890,015	\$3,731,394

Continued

**LEXINGTON SOUTH ELKHORN WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 1995**

Note A - Summary of Significant Accounting Policies:

A summary of the District's significant accounting policies consistently applied in the preparation of the financial statements follows:

Organization - The Lexington-South Elkhorn Water District, located in Jessamine County, Kentucky, sells water to its residential and commercial customers within its district in Jessamine County.

Basis of Accounting - The District maintains its books on the accrual method of accounting, recognizing income from water sales as customers are billed. The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. All revenues and expenses are accounted for in funds described as follows:

Revenue Fund - All gross revenues of the District are deposited into this fund and subsequently distributed monthly to the other funds according to the following fund descriptions.

Bond and Interest Sinking Fund - For the retirement of bond and interest obligations, an amount equal to 1/12 of the amount of interest and principal becoming due on the next succeeding payment date is deposited monthly into this fund.

Reserve Fund - A bond reserve account of at least \$12,000 is to be maintained for the 1971 Revenue Bond.

Operations and Maintenance Fund - Deposits are to be made to meet the reasonable and necessary expenses of operating and maintaining the District for the current month.

Depreciation Fund - Subject to the priority of the above-mentioned funds, deposits are to be made to maintain a fund balance of at least \$12,000. This fund is for the purpose of paying unusual or extraordinary maintenance, repairs, renewals and replacements.

Construction Fund - This fund is to be used to construct additions, extensions, and improvements other than those of the Depreciation Fund.

Depreciation - Depreciation is provided for in amounts sufficient to relate the cost of depreciable assets to operations over their estimated service lives on a straight-line basis, with estimated service lives of 40 years. Total depreciation expense for 1995 was \$96,538.

**LEXINGTON SOUTH ELKHORN WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 1995**

Note A - Summary of Significant Accounting Policies (Continued):

Amortization - Amortization is provided for in amounts sufficient to relate bond costs to operations over the repayment periods of the bonds. Total amortization expense for 1995 was \$2,206.

Income Taxes - The revenues of the District are exempt from federal and state income taxes.

Statement of Cash Flows - For purposes of this statement, certificates of deposit are considered cash equivalents.

Concentration of Credit Risk - The District provides credit in the normal course of business but does not require collateral or other security to support customer receivables other than customer deposits. Although the District is affected by economic conditions in the geographic area, management does not believe significant credit risk exists as of December 31, 1995.

Note B - Revenue Bonds:

In 1971 the District issued revenue bonds in the principal amount of \$204,000 with an annual interest rate of 5%. These bonds are secured by the water supply and distribution system. Future obligations of bond principal and interest are as follows:

<u>Bond Number</u>	<u>Year</u>	<u>Principal</u>	<u>Interest</u>
85 - 91	1997	\$ 7,000	\$ 6,000
92 - 98	1998	7,000	5,650
99 - 105	1999	7,000	5,300
106 - 113	2000	8,000	4,950
114 - 121	2001	8,000	4,550
122 - 129	2002	8,000	4,150
130 - 137	2003	8,000	3,750
138 - 145	2004	8,000	3,350
146 - 154	2005	9,000	2,950
155 - 163	2006	9,000	2,500
164 - 172	2007	9,000	2,050
173 - 181	2008	9,000	1,600
182 - 190	2009	9,000	1,150
191 - 199	2010	9,000	700
200 - 204	2011	<u>5,000</u>	<u>250</u>
		<u>\$120,000</u>	<u>\$48,900</u>

LEXINGTON SOUTH ELKHORN WATER DISTRICT
 NOTES TO FINANCIAL STATEMENTS
 DECEMBER 31, 1995

Note B - Revenue Bonds (Continued):

During 1993, the District expanded its distribution system financed principally by the Kentucky Infrastructure Authority (KIA). The KIA authorized an aggregate loan of \$1,924,874, which included loan costs of \$44,128 and a debt service reserve of \$168,746. The expansion project was substantially completed during 1993-95 with total construction costs incurred of \$1,634,296 through December 31, 1995, including capitalized interest of \$41,366. Future obligations for repayment of KIA bond principal and interest, with interest at varying rates of 4.00% to 5.75%, for this project are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>
1996	\$ 62,856	\$ 93,543
1997	66,164	90,897
1998	69,472	87,979
1999	71,126	84,815
2000	74,434	81,392
2001	79,397	77,621
2002	82,705	73,527
2003	86,013	69,182
2004	92,347	64,521
2005	97,383	59,480
2006	102,421	54,097
2007	109,137	48,331
2008	114,174	42,119
2009	120,890	35,432
2010	127,606	28,287
2011	134,322	20,757
2012	142,717	12,792
2013	<u>151,112</u>	<u>4,344</u>
	<u>\$1,784,276</u>	<u>\$1,029,116</u>

Future principal and interest for both bond obligations is summarized as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>
1996	\$ 62,856	\$ 93,543
1997	73,164	96,897
1998	76,472	93,629
1999	78,126	90,114
2000	82,434	86,342
2001 - 2005	478,845	363,081
2006 - 2010	619,228	216,266
2011 - 2013	<u>433,151</u>	<u>38,144</u>
	<u>\$1,904,276</u>	<u>\$1,078,016</u>

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**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE BASED ON AN AUDIT OF
GENERAL-PURPOSE FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS**

To the Board of Commissioners
Lexington South Elkhorn Water District
Nicholasville, Kentucky

We have audited the general-purpose financial statements of the Lexington South Elkhorn Water District as of and for the year ended December 31, 1995, and have issued our report thereon dated March 7, 1996.

We conducted our audit in accordance with generally accepted auditing standards and Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general-purpose financial statements are free of material misstatement.

Compliance with laws, regulations, contracts, and grants applicable to the Lexington South Elkhorn Water District is the responsibility of the District's management. As part of obtaining reasonable assurance about whether the general-purpose financial statements are free of material misstatement, we performed tests of the District's compliance with certain provisions of laws, regulations, contracts, and grants. However, the objective of our audit of the general-purpose financial statements was not to provide an opinion on overall compliance with such provisions. Accordingly, we do not express such an opinion.

The results of our tests disclosed no instances of noncompliance that are required to be reported under Government Auditing Standards.

The results of our tests indicate that, with respect to the items tested, the Lexington South Elkhorn Water District complied, in all material respects, with the provisions referred to in the preceding paragraph. With respect to items not tested, nothing came to our attention that caused us to believe that the District had not complied, in all material respects, with those provisions.

This report is intended for the information of the commissioners, management, and the revenue bond lenders. However, this report is a matter of public record and its distribution is not limited.

Lexington, Kentucky
March 7, 1996

Kring, Cohen, Sageser & Besten, PSC

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**INDEPENDENT AUDITORS' REPORT ON THE INTERNAL CONTROL STRUCTURE
OF LEXINGTON SOUTH ELKHORN WATER DISTRICT AS AN ENTITY**

To the Board of Commissioners
Lexington South Elkhorn Water District
Nicholasville, Kentucky

We have audited the general-purpose financial statements of the Lexington South Elkhorn Water District as of and for the year ended December 31, 1995, and have issued our report thereon dated March 7, 1996.

We conducted our audit in accordance with generally accepted auditing standards and Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general-purpose financial statements are free of material misstatement.

The management of the District is responsible for establishing and maintaining an internal control structure. In fulfilling this responsibility, estimates and judgments by management are required to assess the expected benefits and related costs of internal control structure policies and procedures. The objectives of an internal control structure are to provide management with reasonable, but not absolute, assurance that assets are safeguarded against loss from unauthorized use or disposition and that transactions are executed in accordance with management's authorization and recorded properly to permit the preparation of the general-purpose financial statements in accordance with generally accepted accounting principles. Because of inherent limitations in any internal control structure, errors or irregularities may nevertheless occur and not be detected. Also, projection of any evaluation of the structure to future periods is subject to the risk that procedures may become inadequate because of changes in conditions or that the effectiveness of the design and operation of policies and procedures may deteriorate.

In planning and performing our audit of the financial statements of the Lexington South Elkhorn Water District for the year ended December 31, 1995, we obtained an understanding of the internal control structure. With respect to the internal control structure, we obtained an understanding of the design of relevant policies and procedures and whether they have been placed in operation, and we assessed control risk in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statements and not to provide an opinion on the internal control structure. Accordingly, we do not express such an opinion.

Our consideration of the internal control structure would not necessarily disclose all matters in the internal control structure that might be material weaknesses under standards established by the American Institute of Certified Public Accountants. A material weakness is a condition in which the design or operation of one or more of the internal control structure elements does not reduce to a relatively low level the risk that errors and irregularities in amounts that would be material in relation to the general-purpose financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control structure and its operations that we consider to be material weaknesses as defined above.

This report is intended for the information of the commissioners, management, and the revenue bond lenders. However, this report is a matter of public record and its distribution is not limited.

Kring, Cohen, Sagers & Beaton, PSC

Lexington, Kentucky
March 7, 1995

LEXINGTON SOUTH ELKHORN WATER DISTRICT

FINANCIAL STATEMENTS
AND
AUDITORS' REPORT

DECEMBER 31, 1994

LEXINGTON SOUTH ELKHORN WATER DISTRICT
NICHOLASVILLE, KENTUCKY

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INDEPENDENT AUDITORS' REPORT

The Commissioners
Lexington South Elkhorn Water District
Nicholasville, Kentucky

We have audited the accompanying general-purpose financial statements of Lexington South Elkhorn Water District as of and for the year ended December 31, 1994. These general-purpose financial statements are the responsibility of the District's management. Our responsibility is to express an opinion on these general-purpose financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general-purpose financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the general-purpose financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall general-purpose financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the general-purpose financial statements referred to above present fairly, in all material respects, the financial position of Lexington South Elkhorn Water District as of December 31, 1994, and the results of its operations and its cash flows for the year then ended in conformity with generally accepted accounting principles.

Kring, Cohen, Sageser & Besten, PSC

Lexington, Kentucky
March 16, 1995

BALANCE SHEET
 DECEMBER 31, 1994
 (with comparative totals for December 31, 1993)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1994	Totals 1993
ASSETS									
Current Assets:									
Cash	\$24,968	\$ 84,143	\$ -	\$35,113	\$ -	\$ 66,528	\$ -	\$ 210,752	\$ 215,983
Certificates of deposit and savings accounts	-	-	10,035	29,943	25,883	-	-	65,861	63,524
Accounts receivable	14,947	1,795	-	1,140	-	-	-	17,882	19,112
Accounts receivable - interfund	-	12,288	-	-	-	-	(12,288)	-	-
Prepaid expenses	-	1,963	-	-	-	-	-	1,963	1,681
Total Current Assets	<u>39,915</u>	<u>100,189</u>	<u>10,035</u>	<u>66,196</u>	<u>25,883</u>	<u>66,528</u>	<u>(12,288)</u>	<u>296,458</u>	<u>300,300</u>
Pumping Plant and Distribution System - Notes A and B	-	-	-	-	-	-	-	3,737,642	3,326,827
Less accumulated depreciation	-	-	-	-	-	-	-	684,953	596,392
Net Plant and Distribution System	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>3,052,689</u>	<u>-</u>	<u>3,052,689</u>	<u>2,730,428</u>
Other Assets - Note B:									
Unamortized bond costs	-	-	-	-	-	40,819	-	40,819	43,025
Debt service reserve fund	-	-	-	-	-	168,746	-	168,746	168,746
Unexpended bond proceeds	-	-	-	-	-	172,682	-	172,682	373,314
Total Other Assets	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>382,247</u>	<u>-</u>	<u>382,247</u>	<u>585,085</u>
Total Assets	<u>\$39,915</u>	<u>\$100,189</u>	<u>\$10,035</u>	<u>\$66,196</u>	<u>\$25,883</u>	<u>\$3,501,464</u>	<u>\$(12,288)</u>	<u>\$3,731,394</u>	<u>\$3,615,813</u>

Continued

BALANCE SHEET (CONTINUED)
 DECEMBER 31, 1994
 (with comparative totals for December 31, 1993)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1994	Totals 1993
LIABILITIES AND FUND BALANCES									
Current Liabilities:									
Current portion of revenue bonds payable -									
Note B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,201	\$ -	\$ 61,201	\$ 59,547
Accounts payable	-	13,965	-	3,333	-	45,997	-	63,295	22,868
Accounts payable - interfund	-	-	-	-	-	12,288	(12,288)	-	-
Sales and utility taxes payable	1,496	-	-	-	-	-	-	1,496	2,844
Accrued interest payable	-	-	-	-	-	8,091	-	8,091	8,240
Customer deposits	5,325	-	-	-	-	-	-	5,325	8,965
Total Current Liabilities	6,821	13,965	-	3,333	-	127,577	(12,288)	139,408	102,464
Revenue Bonds Payable, less current portion - Note B	-	-	-	-	-	1,911,277	-	1,911,277	1,978,478
Total Liabilities	6,821	13,965	-	3,333	-	2,038,854	(12,288)	2,050,885	2,080,942
Fund Balances:									
Fund balances	33,094	86,224	10,035	62,863	25,883	(485,154)	-	(267,055)	(255,533)
Contributions in Aid of Construction and Government Grant	-	-	-	-	-	1,947,764	-	1,947,764	1,790,404
Total Fund Balances	33,094	86,224	10,035	62,863	25,883	1,462,610	-	1,680,709	1,534,871
Total Liabilities and Fund Balances	\$39,915	\$100,189	\$10,035	\$66,196	\$25,883	\$3,501,464	\$ (12,288)	\$3,731,394	\$3,615,813

The accompanying notes are an integral part of these financial statements.

STATEMENT OF RECEIPTS, EXPENDITURES AND FUND BALANCES
FOR THE YEAR ENDED DECEMBER 31, 1994
(with comparative totals for the year ended December 31, 1993)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1994	Totals 1993
Receipts:									
Water sales	\$595,468	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 595,468	\$ 525,343
Interest	1,926	836	479	1,557	861	1,896	-	7,555	6,959
Penalties	9,269	-	-	-	-	-	-	9,269	8,049
Service charges	3,105	-	-	-	-	-	-	3,105	2,558
Other revenue	18	-	-	119	-	-	-	137	18
Transfers	-	443,400	12,650	45,000	-	178,553	(679,603)	-	-
Total Receipts	609,786	444,236	13,129	46,676	861	180,449	(679,603)	615,534	542,927
Expenditures:									
Water purchases	-	222,787	-	-	-	-	-	222,787	220,759
Interest	226	1	6,650	-	-	97,840	-	104,717	58,761
Engineering	-	12,681	-	1,763	-	-	-	14,444	9,685
EPA monitoring	-	1,727	-	-	-	-	-	1,727	3,169
Customer bookkeeping	-	21,766	-	-	-	-	-	21,766	21,112
General bookkeeping	-	23,307	-	-	-	-	-	23,307	19,192
Professional fees	-	33,493	-	-	-	-	-	33,493	8,278
Commissioners' salaries	-	9,000	-	-	-	-	-	9,000	9,000
Maintenance and repairs	-	149	-	31,889	-	-	-	32,038	27,806
Meter readings and testing	-	-	-	956	-	-	-	956	1,518
Travel	-	5,280	-	-	-	-	-	5,280	4,240
Office expense and miscellaneous	33	11,207	-	401	-	-	-	11,641	9,695
Payroll	-	29,743	-	-	-	-	-	29,743	22,348
Payroll taxes	-	3,158	-	-	-	-	-	3,158	2,006
Insurance	-	4,389	-	-	-	-	-	4,389	3,314
Utilities and telephone	-	8,876	-	-	-	-	-	8,876	9,278
Rent	-	4,230	-	-	-	-	-	4,230	4,200
Bad debts	993	-	-	-	-	-	-	993	1,356
Service fees - KIA bond	-	-	-	-	-	3,751	-	3,751	1,905
Transfers	604,715	33,000	-	41,855	-	33	(679,603)	-	-
Total Expenditures	605,967	424,794	6,650	76,864	-	101,624	(679,603)	536,296	438,405

Continued

LEXINGTON SOUTH ELKHORN WATER DISTRICT
 STATEMENT OF RECEIPTS, EXPENDITURES AND FUND BALANCES (CONTINUED)
 FOR THE YEAR ENDED DECEMBER 31, 1994
 (with comparative totals for the year ended December 31, 1993)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Eliminations	Totals 1994	Totals 1993
Operating Income (Loss)	\$ 3,819	\$19,442	\$ 6,479	\$(30,188)	\$ 861	\$ 78,825	\$ -	\$ 79,238	\$ 104,522
Fund Balances, December 31, 1993	29,275	66,782	9,556	77,001	25,022	1,327,235	-	1,534,871	1,416,309
Construction contributions	-	-	-	-	-	135,000	-	135,000	25,000
Connection fees	-	-	-	16,050	-	6,310	-	22,360	56,080
Bonds paid	-	-	(6,000)	-	-	6,000	-	-	-
Depreciation	-	-	-	-	-	(88,554)	-	(88,554)	(65,937)
Amortization	-	-	-	-	-	(2,206)	-	(2,206)	(1,103)
Fund Balances, December 31, 1994	<u>\$33,094</u>	<u>\$86,224</u>	<u>\$10,035</u>	<u>\$62,863</u>	<u>\$25,883</u>	<u>\$1,462,610</u>	<u>\$ -</u>	<u>\$1,680,709</u>	<u>\$1,534,871</u>

The accompanying notes are an integral part of these financial statements.

LEXINGTON SOUTH ELKHORN WATER DISTRICT
STATEMENTS OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 31, 1994
(with comparative totals for the year ended December 31, 1993)

	Revenue Fund	Operations and Maintenance Fund	Bond and Interest Sinking Fund	Depreciation Fund	Reserve Fund	Construction Fund	Totals 1994	Totals 1993
Increase (Decrease) in Cash and Cash Equivalents:								
Cash Flows from Operating Activities:								
Cash received from customers	\$ 605,904	\$ -	\$ -	\$ 119	\$ -	\$ -	\$ 606,023	\$ 538,439
Cash paid to suppliers and service providers	(1,381)	(398,193)	-	(31,639)	-	(3,751)	(434,964)	(358,997)
Interest received	1,926	836	479	1,557	861	1,896	7,555	6,959
Interest paid	(226)	(1)	(6,650)	-	-	(97,989)	(104,866)	(48,284)
Transfers	(604,715)	410,400	12,650	3,145	861	178,520	-	-
Net Cash Provided (Used) by Operating Activities	1,508	13,042	6,479	(26,818)	861	78,676	73,748	138,117
Cash Flows Used by Investing Activities:								
Capital expenditures	-	-	-	-	-	(230,447)	(230,447)	(1,311,094)
Cash Flows from Financing Activities:								
Net customer deposits	320	-	-	16,050	-	2,350	320	850
Connection fees	-	-	-	-	-	-	-	56,080
Repayment of borrowings	-	-	-	-	-	-	-	(25,000)
Proceeds from bond obligations	-	-	-	-	-	200,632	200,632	1,924,874
Principal payments under bond obligations	-	-	(6,000)	-	-	(39,547)	(65,547)	(25,849)
Unamortized bond premium	-	-	-	-	-	-	-	(44,128)
Debt service reserve fund	-	-	-	-	-	-	-	(168,746)
Unexpended construction in progress	-	-	-	-	-	-	-	(373,314)
Net Cash Provided (Used) by Financing Activities	320	-	(6,000)	16,050	-	143,435	153,805	1,344,767
Net Increase in Cash and Cash Equivalents	1,828	13,042	479	(10,768)	861	(8,336)	(2,894)	171,790
Cash and Cash Equivalents, beginning of year	23,140	71,101	9,556	75,824	25,022	74,864	279,507	107,717
Cash and Cash Equivalents, end of year	\$ 24,968	\$ 84,143	\$10,035	\$65,056	\$25,883	\$ 66,528	\$276,613	\$ 279,507
Reconciliation of Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:								
Operating Income (Loss)	\$ 3,819	\$ 19,442	\$ 6,479	\$(30,188)	\$ 861	\$ 78,825	\$ 79,238	\$ 104,522
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:								
(Increase) decrease in accounts receivable	(963)	(214)	-	2,407	-	-	1,230	67,993
(Increase) decrease in prepaid expenses	-	(282)	-	-	-	-	(282)	(48)
Increase (decrease) in accounts and taxes payable	(1,348)	(5,904)	-	963	-	(149)	(6,438)	(34,350)
Net Cash Provided (Used) by Operating Activities:	\$ 1,508	\$ 13,042	\$ 6,479	\$(26,818)	\$ 861	\$ 78,676	\$ 73,748	\$ 138,117

The accompanying notes are an integral part of these financial statements.

**LEXINGTON SOUTH ELKHORN WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 1994**

Note A - Summary of Significant Accounting Policies:

A summary of the District's significant accounting policies consistently applied in the preparation of the financial statements follows:

Basis of Accounting - The District maintains its books on the accrual method of accounting, recognizing income from water sales as customers are billed. All revenues and expenses are accounted for in funds described as follows:

Revenue Fund - All gross revenues of the District are deposited into this fund and subsequently distributed monthly to the other funds according to the following fund descriptions.

Bond and Interest Sinking Fund - For the retirement of bond and interest obligations, an amount equal to 1/12 of the amount of interest and principal becoming due on the next succeeding payment date is deposited monthly into this fund.

Reserve Fund - A bond reserve account of at least \$12,000 is to be maintained for the 1971 Revenue Bond.

Operations and Maintenance Fund - Deposits are to be made to meet the reasonable and necessary expenses of operating and maintaining the District for the current month.

Depreciation Fund - Subject to the priority of the above-mentioned funds, deposits are to be made to maintain a fund balance of at least \$12,000. This fund is for the purpose of paying unusual or extraordinary maintenance, repairs, renewals and replacements.

Construction Fund - This fund is to be used to construct additions, extensions, and improvements other than those of the Depreciation Fund.

Depreciation - Depreciation is provided for in amounts sufficient to relate the cost of depreciable assets to operations over their estimated service lives on a straight-line basis, with estimated service lives of 40 years. Total depreciation expense for 1994 was \$88,554 (\$65,937 for 1993).

Amortization - Amortization is provided for in amounts sufficient to relate bond costs to operations over the repayment periods of the bonds. Total amortization expense for 1994 was \$2,206 (\$1,103 in 1993).

Income Taxes - The revenues of the District are exempt from federal and state income taxes.

LEXINGTON SOUTH ELKHORN WATER DISTRICT
 NOTES TO FINANCIAL STATEMENTS
 DECEMBER 31, 1994

Note A - Summary of Significant Accounting Policies (Continued):

Statement of Cash Flows - For purposes of this statement, certificates of deposit are considered cash equivalents.

Concentration of Credit Risk - The District provides credit in the normal course of business but does not require collateral or other security to support customer receivables other than customer deposits. Although the District is affected by economic conditions in the geographic area, management does not believe significant credit risk exists as of December 31, 1994.

Note B - Revenue Bonds:

In 1971 the District issued revenue bonds in the principal amount of \$204,000 with an annual interest rate of 5%. These bonds are secured by the water supply and distribution system. Future obligations of bond principal and interest are as follows:

<u>Bond Number</u>	<u>Year</u>	<u>Principal</u>	<u>Interest</u>
78 - 84	1996	\$ 7,000	\$ 6,350
85 - 91	1997	7,000	6,000
92 - 98	1998	7,000	5,650
99 - 105	1999	7,000	5,300
106 - 113	2000	8,000	4,950
114 - 121	2001	8,000	4,550
122 - 129	2002	8,000	4,150
130 - 137	2003	8,000	3,750
138 - 145	2004	8,000	3,350
146 - 154	2005	9,000	2,950
155 - 163	2006	9,000	2,500
164 - 172	2007	9,000	2,050
173 - 181	2008	9,000	1,600
182 - 190	2009	9,000	1,150
191 - 199	2010	9,000	700
200 - 204	2011	<u>5,000</u>	<u>250</u>
		<u>\$127,000</u>	<u>\$55,250</u>

During 1993, the District expanded its distribution system financed principally by the Kentucky Infrastructure Authority (KIA). The KIA authorized an aggregate loan of \$1,924,874, which included loan costs of \$44,128 and a debt service reserve of \$168,746. The expansion project was substantially completed during 1993-94 with total construction costs incurred of \$1,623,673 through December 31, 1994, including capitalized interest of \$41,366. Future obligations for repayment of KIA bond principal and interest, with interest at varying rates of 3.75% to 5.75%, for this project are as follows:

LEXINGTON SOUTH ELKHORN WATER DISTRICT
 NOTES TO FINANCIAL STATEMENTS
 DECEMBER 31, 1994

Note B - Revenue Bonds (Continued):

<u>Year</u>	<u>Principal</u>	<u>Interest</u>
1995	\$ 61,201	\$ 97,096
1996	62,856	94,800
1997	66,164	92,286
1998	69,472	89,507
1999	71,126	86,450
2000	74,434	83,179
2001	79,397	79,606
2002	82,705	75,636
2003	86,013	71,418
2004	92,347	66,945
2005	97,384	62,097
2006	102,421	56,863
2007	109,137	51,332
2008	114,174	45,330
2009	120,890	38,907
2010	127,606	31,956
2011	134,322	24,619
2012	142,717	16,895
2013	<u>151,112</u>	<u>8,689</u>
	<u>\$1,845,478</u>	<u>\$1,173,611</u>

Future principal and interest for both bond obligations is summarized as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>
1995	\$ 61,201	\$ 97,096
1996	69,856	101,150
1997	73,164	98,286
1998	76,472	95,157
1999 - 2003	432,675	418,989
2004 - 2008	559,463	295,017
2009 - 2013	<u>699,647</u>	<u>123,166</u>
	<u>\$1,972,478</u>	<u>\$1,228,861</u>

KRING, COHEN, SAGESER & BESTEN, PSC

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INDEPENDENT AUDITORS' REPORT

To the Board of Commissioners
Lexington South Elkhorn Water District
Nicholasville, Kentucky

We have audited the general-purpose financial statements of the Lexington South Elkhorn Water District as of and for the year ended December 31, 1994, and have issued our report thereon dated March 16, 1995.

We conducted our audit in accordance with generally accepted auditing standards and Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general-purpose financial statements are free of material misstatement.

Compliance with laws, regulations, contracts, and grants applicable to the Lexington South Elkhorn Water District is the responsibility of the District's management. As part of obtaining reasonable assurance about whether the general-purpose financial statements are free of material misstatement, we performed tests of the District's compliance with certain provisions of laws, regulations, contracts, and grants. However, the objective of our audit of the general-purpose financial statements was not to provide an opinion on overall compliance with such provisions. Accordingly, we do not express such an opinion.

The results of our tests indicate that, with respect to the items tested, the Lexington South Elkhorn Water District complied, in all material respects, with the provisions referred to in the preceding paragraph. With respect to items not tested, nothing came to our attention that caused us to believe that the District had not complied, in all material respects, with those provisions.

This report is intended for the information of the commissioners, management, and the revenue bond lenders. However, this report is a matter of public record and its distribution is not limited.

Lexington, Kentucky
March 16, 1995

Kring, Cohen, Sageser & Besten, PSC

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**INDEPENDENT AUDITORS' REPORT ON THE INTERNAL CONTROL STRUCTURE
OF LEXINGTON SOUTH ELKHORN WATER DISTRICT AS AN ENTITY**

To the Board of Commissioners
Lexington South Elkhorn Water District
Nicholasville, Kentucky

We have audited the general-purpose financial statements of the Lexington South Elkhorn Water District as of and for the year ended December 31, 1994, and have issued our report thereon dated March 16, 1995.

We conducted our audit in accordance with generally accepted auditing standards and Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the general-purpose financial statements are free of material misstatement.

In planning and performing our audit of the general-purpose financial statements of the Lexington South Elkhorn Water District for the year ended December 31, 1994, we considered its internal control structure in order to determine our auditing procedures for the purpose of expressing our opinion on the general-purpose financial statements and not to provide assurance on the internal control structure.

The management of the District is responsible for establishing and maintaining an internal control structure. In fulfilling this responsibility, estimates and judgments by management are required to assess the expected benefits and related costs of internal control structure policies and procedures. The objectives of an internal control structure are to provide management with reasonable, but not absolute, assurance that assets are safeguarded against loss from unauthorized use or disposition and that transactions are executed in accordance with management's authorization and recorded properly to permit the preparation of the general-purpose financial statements in accordance with generally accepted accounting principles. Because of inherent limitations in any internal control structure, errors or irregularities may nevertheless occur and not be detected. Also, projection of any evaluation of the structure to future periods is subject to the risk that procedures may become inadequate because of changes in conditions or that the effectiveness of the design and operation of policies and procedures may deteriorate.

For the purpose of this report, we have classified the significant internal control structure policies and procedures in the following categories:

- Billings
- Receivables
- Cash receipts
- Purchasing and receiving
- Cash disbursements
- Payroll
- Property and equipment
- General ledger

For all of the internal control structure categories listed above, we obtained an understanding of the design of relevant policies and procedures and whether they have been placed in operation, and we assessed control risk.

Our consideration of the internal control structure would not necessarily disclose all matters in the internal control structure that might be material weaknesses under standards established by the American Institute of Certified Public Accountants. A material weakness is a condition in which the design or operation of one or more of the internal control structure elements does not reduce to a relatively low level the risk that errors and irregularities in amounts that would be material in relation to the general-purpose financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control structure and its operations that we consider to be material weaknesses as defined above.

This report is intended for the information of the commissioners, management, and the revenue bond lenders. However, this report is a matter of public record and its distribution is not limited.

Kring, Cohen, Sogerson & Beaton, PSC

Lexington, Kentucky
March 16, 1995

Exhibit VI



GE Capital

ACCOUNT NUMBER 0000003364

FISCAL YEAR END 12/96

OPERATING BUDGET FORECAST

(Please complete all pages in their entirety)

Name of Association

Lexington-South Elkhorn Water District

Address (Including ZIP Code) 200 W. Maple Street, Nicholasville, KY 40356

Table with 3 columns: Association Fiscal Year, FISCAL YEAR JUST ENDED ACTUAL (Column 1), and NEXT FISCAL YEAR ESTIMATED BUDGET (Column 2). Rows include Operating Income (Water Sales, Penalties, Service Charges, etc.), Operating Expenses (Water Purchased, Repairs & Maint, etc.), and Nonoperating Income (Interest Income, etc.).

CERTIFIED CORRECT

Signature of Jerry Ann Hume, Chairman

Appropriate Official (Signature)

Exhibit VII

VII. Water Rates – Existing Rate Schedule

Date this rate went into effect: March 20, 1995

Meter Size: 3/4 inch

First	<u>2000 Gallons</u>	@	<u>\$17.15 Minimum.</u>
Next	<u>2000 Gallons</u>	@	<u>\$4.55 per 1,000 Gallons.</u>
Next	<u>2000 Gallons</u>	@	<u>\$4.10 per 1,000 Gallons.</u>
Next	<u>10000 Gallons</u>	@	<u>\$3.85 per 1,000 Gallons.</u>
Next	<u>8000 Gallons</u>	@	<u>\$3.58 per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
All Over	<u>24000 Gallons</u>	@	<u>\$3.30 per 1,000 Gallons.</u>

Meter Size: 1 inch

First	<u>10000 Gallons</u>	@	<u>\$49.85 Minimum.</u>
Next	<u>6000 Gallons</u>	@	<u>\$3.85 per 1,000 Gallons.</u>
Next	<u>8000 Gallons</u>	@	<u>\$3.85 per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
All Over	<u>24000 Gallons</u>	@	<u>\$3.30 per 1,000 Gallons.</u>

Meter Size: 2 inch

First	<u>24000 Gallons</u>	@	<u>\$101.59 Minimum.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
All Over	<u>24000 Gallons</u>	@	<u>\$3.30 per 1,000 Gallons.</u>

Meter Size:

First	<u>Gallons</u>	@	<u>Minimum.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
Next	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>
All Over	<u>Gallons</u>	@	<u>per 1,000 Gallons.</u>

Meter Size:

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.

Exhibit VIII

VIII. ANALYSIS OF ACTUAL WATER USAGE – EXISTING SYSTEM – 12 MONTH PERIOD

For Period November 1995 to October 1996

Meter Size	MONTHLY WATER USAGE		Average	Residential/ Farmer		Non- Residential/ Commercial	
				No. of Users	Usage (1000)	No. of Users	Usage (1000)
A L L S I Z E S	0 –	2000 Gal.	1,000	183	183	8	8
	2,000 –	3,000 Gal.	2,500	125	312.5	1	2.5
	3,000 –	4,000 Gal.	3,500	173	605.5	2	7
	4,000 –	5,000 Gal.	4,500	184	828	1	4.5
	5,000 –	6,000 Gal.	5,500	173	951.5	1	5.5
	6,000 –	7,000 Gal.	6,500	121	786.5	1	6.5
	7,000 –	8,000 Gal.	7,500	97	727.5	0	0
	8,000 –	9,000 Gal.	8,500	63	535.5	0	0
	9,000 –	10,000 Gal.	9,500	55	522.5	0	0
	10,000 –	11,000 Gal.	10,500	37	388.5	0	0
	11,000 –	12,000 Gal.	11,500	25	287.5	0	0
	12,000 –	13,000 Gal.	12,500	19	237.5	0	0
	13,000 –	14,000 Gal.	13,500	14	189	1	13.5
	14,000 –	15,000 Gal.	14,500	14	203	1	14.5
	15,000 –	16,000 Gal.	15,500	10	155	0	0
	16,000 –	17,000 Gal.	16,500	6	99	0	0
	17,000 –	18,000 Gal.	17,500	7	122.5	1	17.5
	18,000 –	19,000 Gal.	18,500	7	129.5	0	0
	19,000 –	20,000 Gal.	19,500	5	97.5	0	0
	20,000 –	21,000 Gal.	20,500	4	82	0	0
	21,000 –	22,000 Gal.	21,500	4	86	0	0
	22,000 –	23,000 Gal.	22,500	4	90	0	0
	23,000 –	24,000 Gal.	23,500	3	70.5	0	0
	24,000 –	25,000 Gal.	24,500	3	73.5	0	0
	25,000 –	26,000 Gal.	25,500	3	76.5	0	0
	26,000 –	27,000 Gal.	26,500	2	53	0	0
	27,000 –	28,000 Gal.	27,500	2	55	0	0
	28,000 –	29,000 Gal.	28,500	2	57	0	0
	29,000 –	30,000 Gal.	29,500	3	88.5	0	0
	30,000 –	32,000 Gal.	31,000	5	155	1	31
32,000 –	34,000 Gal.	33,000	3	99	0	0	
34,000 –	36,000 Gal.	35,000	2	70	1	35	
36,000 –	38,000 Gal.	37,000	2	74	0	0	
38,000 –	40,000 Gal.	39,000	1	39	0	0	
40,000 –	42,000 Gal.	41,000	1	41	0	0	
42,000 –	44,000 Gal.	43,000	2	86	0	0	
44,000 –	46,000 Gal.	45,000	1	45	1	45	
46,000 –	48,000 Gal.	47,000	1	47	0	0	
48,000 –	50,000 Gal.	49,000	1	49	0	0	
50,000 –	55,000 Gal.	52,500	2	105	1	52.5	
55,000 –	60,000 Gal.	57,500	2	115	1	57.5	
60,000 –	65,000 Gal.	62,500	2	125	0	0	

65,000 - 70,000 Gal.	67,500	1	67.5	0	0
70,000 - 75,000 Gal.	72,500	1	72.5	0	0
75,000 - 80,000 Gal.	77,500	1	77.5	0	0
80,000 - 85,000 Gal.	82,500	1	82.5	0	0
85,000 - 90,000 Gal.	87,500	0	0	0	0
90,000 - 95,000 Gal.	92,500	0	0	0	0
95,000 - 100,000 Gal.	97,500	0	0	0	0
100,000 - 110,000 Gal.	105,000	1	105	0	0
110,000 - 120,000 Gal.	115,000	1	115	0	0
120,000 - 130,000 Gal.	125,000	1	125	0	0
130,000 - 140,000 Gal.	135,000	1	135	0	0
140,000 - 150,000 Gal.	145,000	1	145	0	0
150,000 - 160,000 Gal.	155,000	1	155	0	0
160,000 - 170,000 Gal.	165,000	0	0	0	0
170,000 - 180,000 Gal.	175,000	0	0	0	0
180,000 - 190,000 Gal.	185,000	0	0	0	0
190,000 - 200,000 Gal.	195,000	0	0	0	0
200,000 - 210,000 Gal.	205,000	0	0	0	0
210,000 - 220,000 Gal.	215,000	0	0	0	0
220,000 - 230,000 Gal.	225,000	0	0	0	0
230,000 - 240,000 Gal.	235,000	0	0	0	0
240,000 - 250,000 Gal.	245,000	0	0	0	0
250,000 - 300,000 Gal.	275,000	0	0	0	0
300,000 - 350,000 Gal.	325,000	0	0	0	0
	Total	(1,383	10,224)	(22	301)
	Average Usage	(7		(14	

Total Water Purchased
Total Water Sold

10524

Note: Individual totals under column marked "No. of Users" are computed averages taken from the Lexington South Elkhorn Water Consumption Analysis. Due to Rounding effects, the sum of the averages was greater than the total number of District customers. The interval of 0 - 2000 Gal. was adjusted to match District totals. This interval was chosen since most months have several cutoff customers. The resulting income generated by this breakdown (without a surcharge) remains less than the Estimated Budget for the next fiscal year.

Exhibit IX

III. Existing Long - Term Indebtedness

A. List of Bonds and Notes:

Date of issue	Principal Balance	Principal Payment	Pymt Date	Bond/Note Holder	Amount on Deposit in Reserve Acc.
1971 issue	\$120,000.00	\$7,000.00	1/1/96	FHA/GE Capital	\$18,909.98
1993 issue	\$178,427,600.00	\$62,856.00	11/96	KIA	\$0.00
19__ issue	\$0.00	\$0.00			\$0.00
19__ issue	\$0.00	\$0.00			\$0.00
19__ issue	\$0.00	\$0.00			\$0.00
19__ issue	\$0.00	\$0.00			\$0.00

June, 1990

SCALE 1"=2000' MAP NO 96-C-02612

ENGINEERS, LAND SURVEYORS, PLANNERS
210 SOUTH MAIN STREET, NICHOLSVILLE, KY 40350

Horne Engineering, Inc.

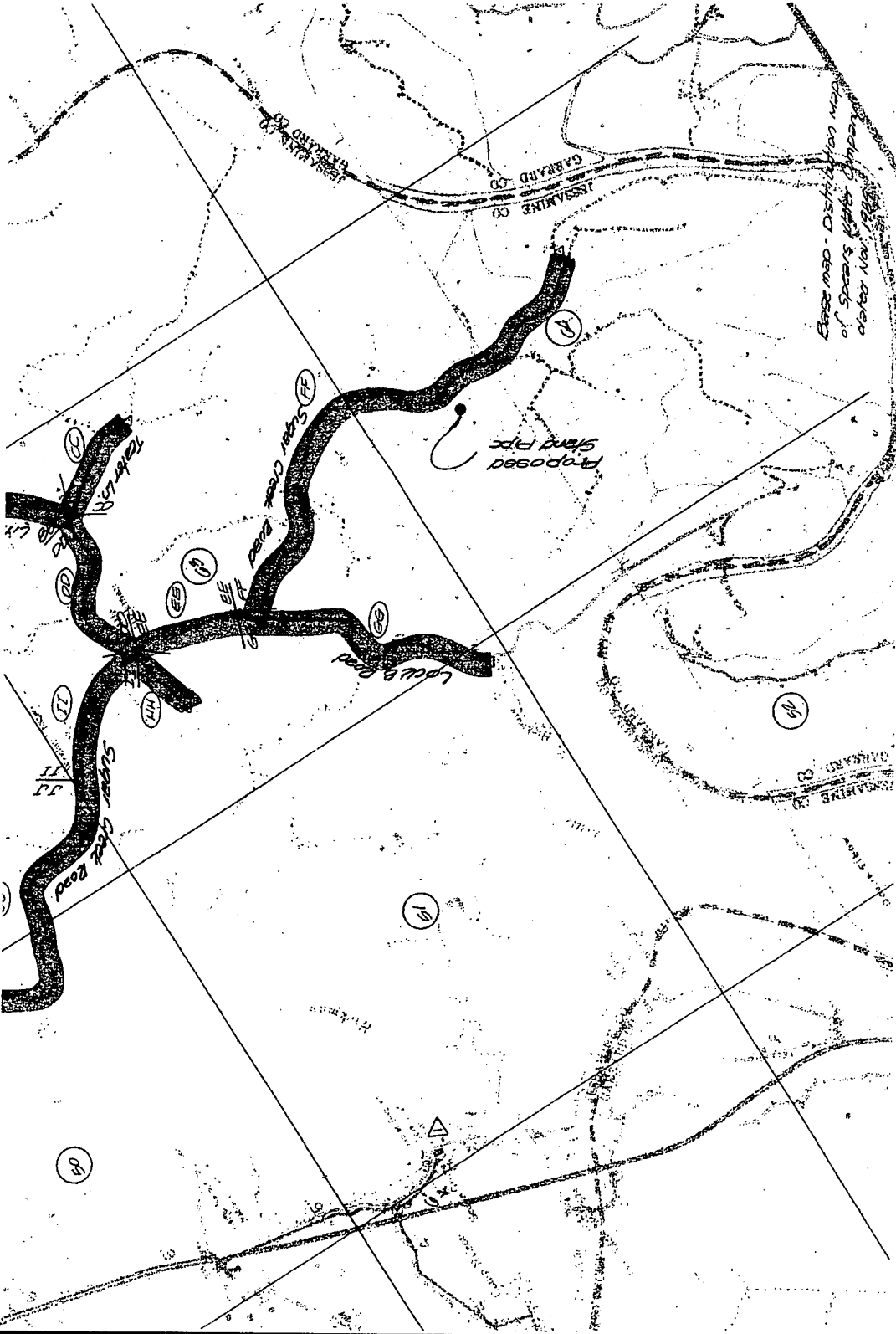
Prepared By

200 West Maple Street
NICHOLSVILLE, KY 40350

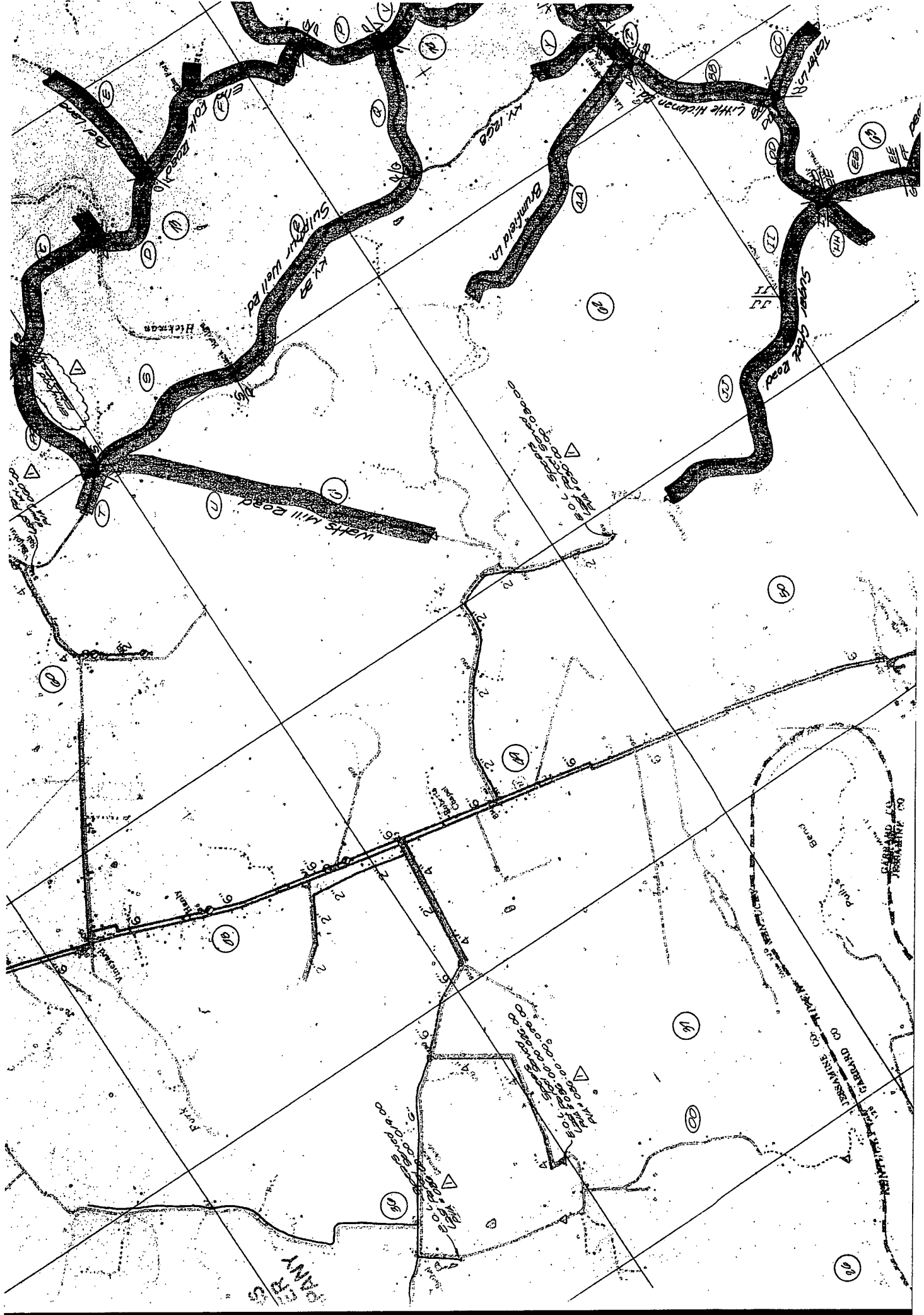
Branch Line Map
Proposed Service Area
Southeast Jessamine County Waterline Extension
Lexington - South Elkhorn Water District

Legend

- ① Map Number
- △ Segment Terminus
- ② Segment Identification



Base map - Distribution map of Spaw's Kiefer, Chipman dated Nov. 1988



Hickman

Sullivan Road
KY 23

Blair Road
KY 1208

Super Creek Road
KY 11

Little Hickman Rd
KY 23

Watts Mill Road
KY 17

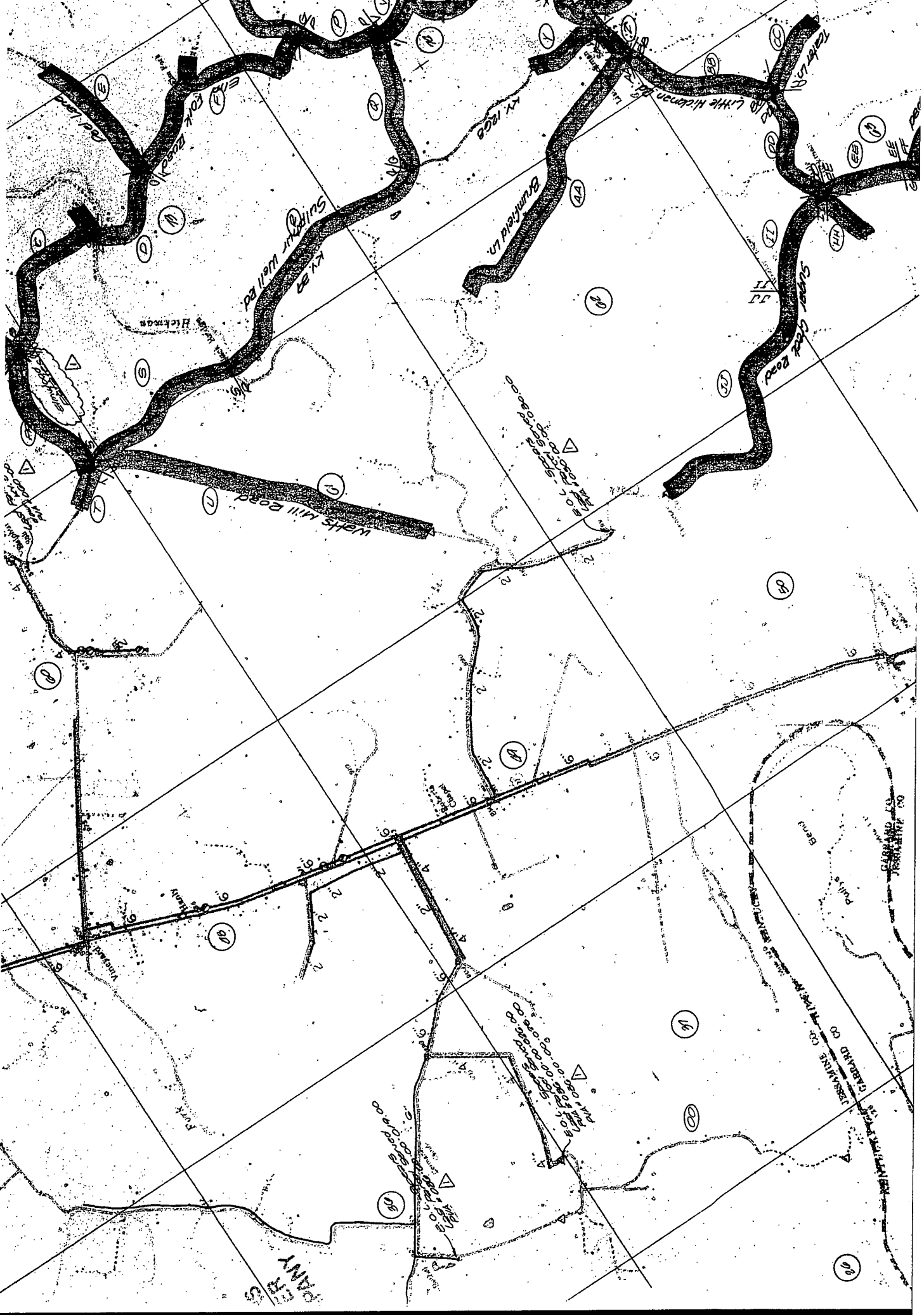
Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17



Hickman

Sullivan Road
KY 23

Blair Road
KY 1208

Super Creek Road
KY 11

Little Hickman Rd
KY 23

Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17

Watts Mill Road
KY 17



CITY OF NICHOLASVILLE

SPARTAN PIPELINE COMPANY

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(CPM) (SMC)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

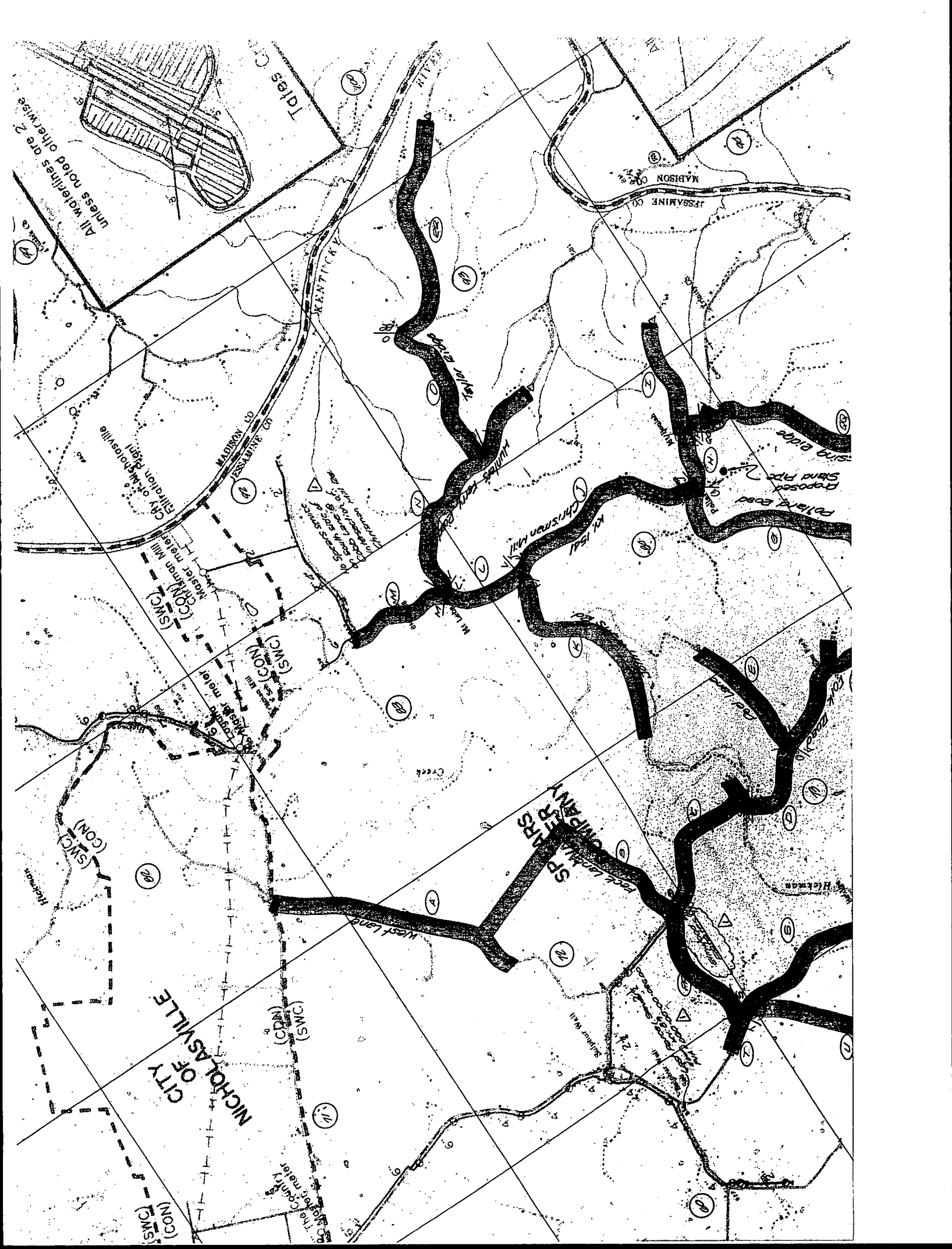
(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)

(SMC) (CON)



All waterlines are 2' unless noted otherwise.

CITY OF NICHOLASVILLE

(COM) (CMS)

(CDN) (CMS)

(SNC) (CON)

(SNC) (CON)

(SNC) (CON)

(SNC) (CON)

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(SNC) (CON)

(SNC) (CON)

(SNC) (CON)

(SNC) (CON)

SPRINGS COMPANY

JESSAMINE CO

MADISON CO

KENTUCKY

Wolf Creek

Wolf Run

Wolf Branch

Wolf Run

Wolf Branch

Wolf Run

Wolf Branch

Wolf Run

Wolf Branch

Wolf Run

Wolf Branch

Wolf Run

Wolf Branch

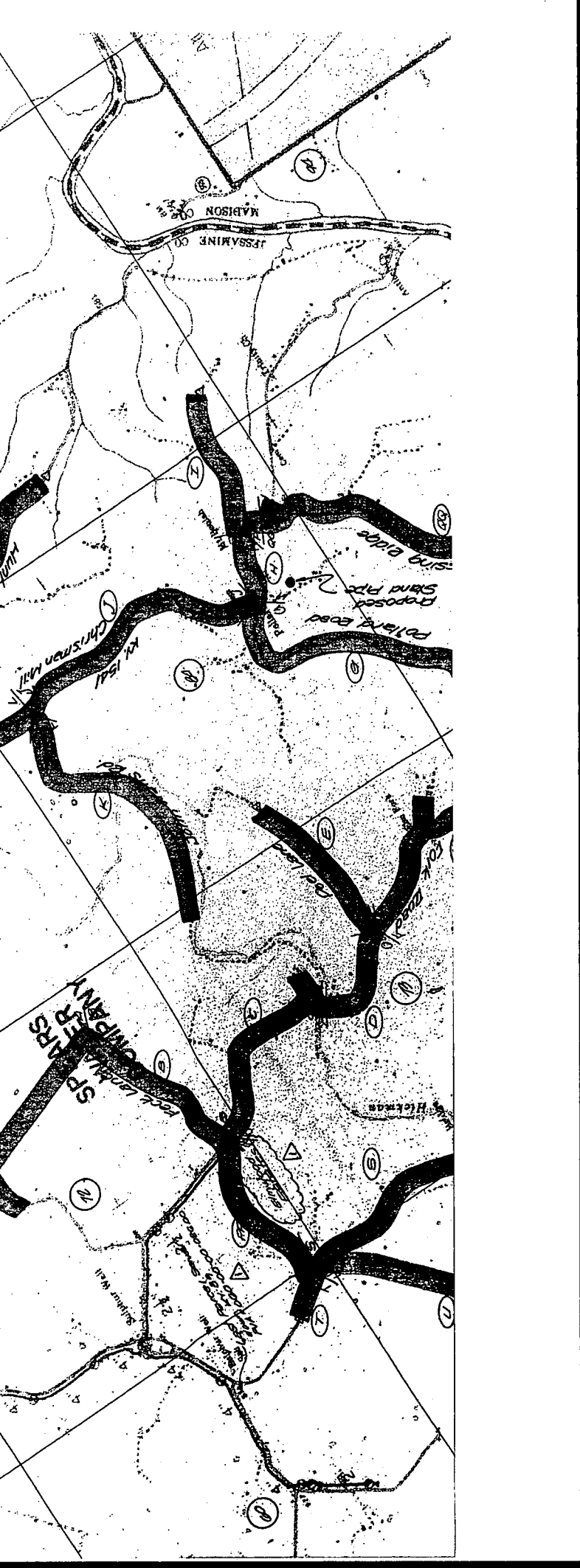
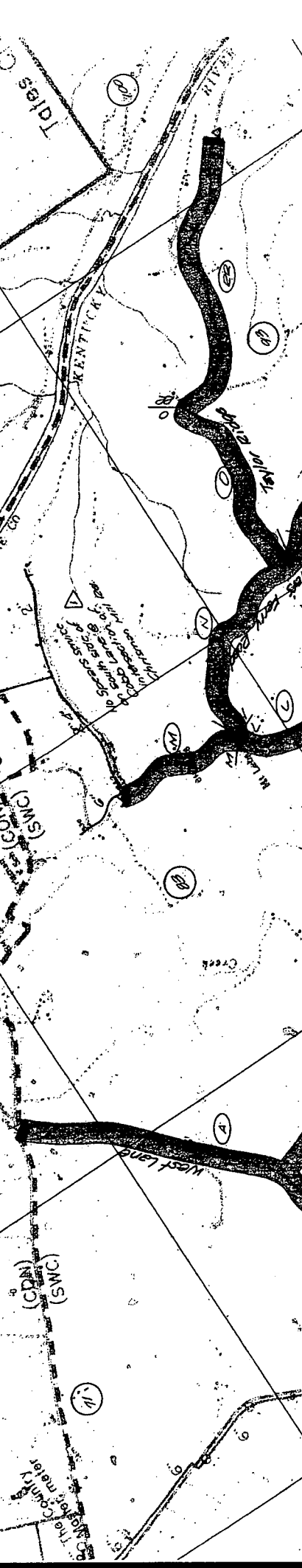
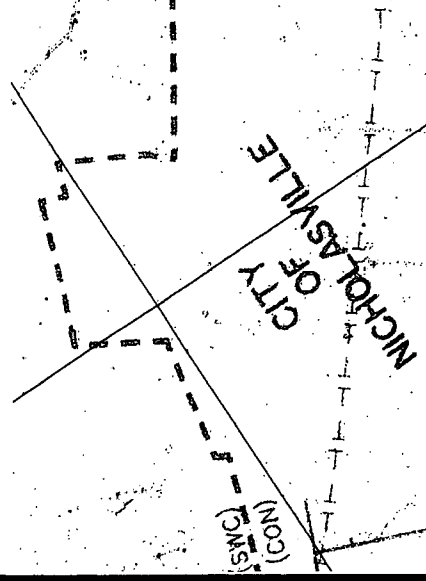
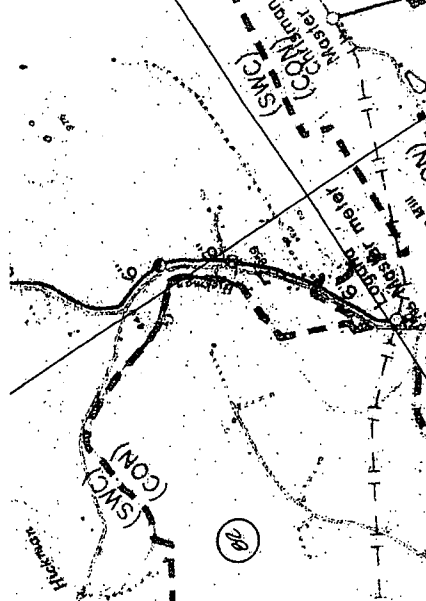
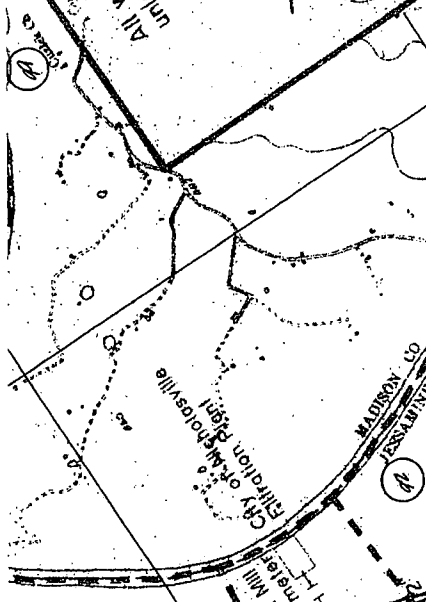
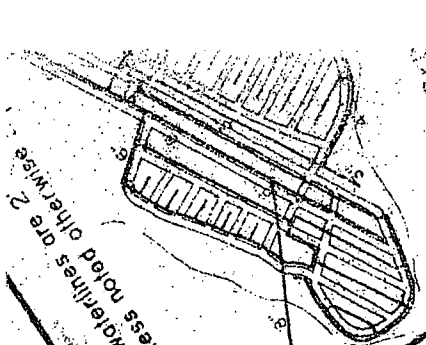


Exhibit XI



Kentucky-American Water Company

2300 Richmond Road • Lexington, Kentucky 40502

606-269-2386

Roy W. Mundy II
Vice President and Manager

August 17, 1994

Mr. Jerry Haws, Chairman
Lexington South Elkhorn Water District
Haddaway Farm
Rt. 1, Box 408, Pekin Road
Wilmore, Kentucky 40390

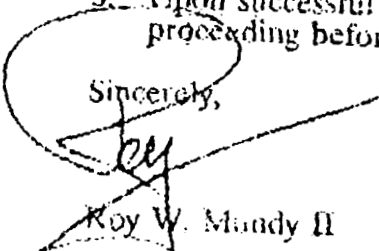
Subject: Revision of Existing Contract between Kentucky-American Water Company and Lexington South Elkhorn Water District

Dear Jerry,

Kentucky-American Water Company considers the Lexington South Elkhorn Water District a valued customer and desires to continue to serve the Lexington South Elkhorn Water District. If the LSEWD should determine it is in the best interest of their customers to continue to be served by Kentucky-American Water Company, we are willing to agree to certain revisions in our existing contract, which are conceptually described below:

1. Kentucky-American Water Company would be willing to increase the volume of water currently noted in the contract to the LSEWD at Military Road metering point and the installation of a new connection coordinating with the construction of our Clark Mill storage facility. This increase in volume will allow 600 gallons per minute and subsequent increases will be discussed between KAWC and LSEWD.
2. Kentucky-American Water Company is in agreement that certain parts of the existing LSEWD territory may not be hydraulically fed by metering points of Kentucky-American Water Company, especially in the extremities of the LSEWD system furthest away from KAWC and/or noncontiguous areas. Kentucky-American Water Company would agree that the LSEWD could contract to acquire water from other sources if hydraulically the KAWC system could not provide water to those locations by utilizing metering points current or to be installed by Kentucky-American Water Company.
3. Upon successful completion of the revised contract as contemplated herein, any proceeding before the Commission should be dismissed.

Sincerely,


Roy W. Mundy II

RWM/II

NMUNDY/LSEWD

Exhibit XII

ENGINEERING ESTIMATE
Southeastern Jessamine Co. Waterline Construction
October 28, 1996

TOTAL PROJECT SUMMARY

CONSTRUCTION COST (Waterlines & Storage)	\$2,161,612
LAND ACQUISITION	\$15,000
ENGINEERING	
Design (7.08%)	\$153,043
Inspection (3.50%)	\$75,656
PRELIMINARY ENGINEERING	\$20,000
LEGAL	\$12,000
ADDITIONAL ENGINEERING	\$40,000
GEOTECHNICAL SERVICES	\$7,500
INTEREST DURING CONSTRUCTION	\$40,000
	<hr/>
Sub Total	\$2,524,811
PLANNING (Including Arch Survey)	\$7,500
CONTENGENCY (6.25%)	\$135,000
HUD CDBG ADMINISTRATION	\$47,200
TOTAL PROJECT COST:	\$2,714,511

Exhibit XIII

XIII. Water Rates – Proposed – Existing Customers

A. Proposed Rate Schedule:

First	<u>2000 Gallons</u>	@	<u>\$20.15 Minimum</u>
Next	<u>2000 Gallons</u>	@	<u>\$4.55 per 1,000 Gallons</u>
Next	<u>2000 Gallons</u>	@	<u>\$4.10 per 1,000 Gallons</u>
Next	<u>10000 Gallons</u>	@	<u>\$3.85 per 1,000 Gallons</u>
Next	<u>8000 Gallons</u>	@	<u>\$3.58 per 1,000 Gallons</u>
Next	<u> Gallons</u>	@	<u> per 1,000 Gallons</u>
All Over	<u>24000 Gallons</u>	@	<u>\$3.30 per 1,000 Gallons</u>

Water Rates – Proposed – New Users – Extension Only

B. Proposed Rate Schedule:

First	<u>2000 Gallons</u>	@	<u>\$26.15 Minimum</u>
Next	<u>2000 Gallons</u>	@	<u>\$4.55 per 1,000 Gallons</u>
Next	<u>2000 Gallons</u>	@	<u>\$4.10 per 1,000 Gallons</u>
Next	<u>10000 Gallons</u>	@	<u>\$3.85 per 1,000 Gallons</u>
Next	<u>8000 Gallons</u>	@	<u>\$3.58 per 1,000 Gallons</u>
Next	<u> Gallons</u>	@	<u> per 1,000 Gallons</u>
All Over	<u>24000 Gallons</u>	@	<u>\$3.30 per 1,000 Gallons</u>

NOTE: Proposed Rates Differ between existing customers and new users due to a \$6.00 surcharge assessed to New Users.

XIV. FORCAST OF WATER USAGE – INCOME – EXISTING SYSTEM – EXISTING USERS

Meter Size	MONTHLY WATER USAGE	Average	Average Rate	Residential/ Farmer			Non-Residential/ Commercial		
				No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
A L L S I Z E S	0 – 2000 Gal.	1,000	\$20.15	183	183	\$3,687	8	8	\$161
	2,000 – 3,000 Gal.	2,500	\$22.42	125	312.5	\$2,803	1	2.5	\$22
	3,000 – 4,000 Gal.	3,500	\$26.98	173	605.5	\$4,668	2	7	\$54
	4,000 – 5,000 Gal.	4,500	\$31.30	184	828	\$5,759	1	4.5	\$31
	5,000 – 6,000 Gal.	5,500	\$35.40	173	951.5	\$6,124	1	5.5	\$35
	6,000 – 7,000 Gal.	6,500	\$39.38	121	786.5	\$4,764	1	6.5	\$39
	7,000 – 8,000 Gal.	7,500	\$43.23	97	727.5	\$4,193	0	0	\$0
	8,000 – 9,000 Gal.	8,500	\$47.08	63	535.5	\$2,966	0	0	\$0
	9,000 – 10,000 Gal.	9,500	\$50.93	55	522.5	\$2,801	0	0	\$0
	10,000 – 11,000 Gal.	10,500	\$54.78	37	388.5	\$2,027	0	0	\$0
	11,000 – 12,000 Gal.	11,500	\$58.63	25	287.5	\$1,466	0	0	\$0
	12,000 – 13,000 Gal.	12,500	\$62.48	19	237.5	\$1,187	0	0	\$0
	13,000 – 14,000 Gal.	13,500	\$66.33	14	189	\$929	1	13.5	\$66
	14,000 – 15,000 Gal.	14,500	\$70.18	14	203	\$982	1	14.5	\$70
	15,000 – 16,000 Gal.	15,500	\$74.03	10	155	\$740	0	0	\$0
	16,000 – 17,000 Gal.	16,500	\$77.74	6	99	\$466	0	0	\$0
	17,000 – 18,000 Gal.	17,500	\$81.32	7	122.5	\$569	1	17.5	\$81
	18,000 – 19,000 Gal.	18,500	\$84.90	7	129.5	\$594	0	0	\$0
	19,000 – 20,000 Gal.	19,500	\$88.48	5	97.5	\$442	0	0	\$0
	20,000 – 21,000 Gal.	20,500	\$92.06	4	82	\$368	0	0	\$0
	21,000 – 22,000 Gal.	21,500	\$95.64	4	86	\$383	0	0	\$0
	22,000 – 23,000 Gal.	22,500	\$99.22	4	90	\$397	0	0	\$0
	23,000 – 24,000 Gal.	23,500	\$102.80	3	70.5	\$308	0	0	\$0
	24,000 – 25,000 Gal.	24,500	\$106.24	3	73.5	\$319	0	0	\$0
	25,000 – 26,000 Gal.	25,500	\$109.54	3	76.5	\$329	0	0	\$0
	26,000 – 27,000 Gal.	26,500	\$112.84	2	53	\$226	0	0	\$0
	27,000 – 28,000 Gal.	27,500	\$116.14	2	55	\$232	0	0	\$0
28,000 – 29,000 Gal.	28,500	\$119.44	2	57	\$239	0	0	\$0	
29,000 – 30,000 Gal.	29,500	\$122.74	3	88.5	\$368	0	0	\$0	
30,000 – 32,000 Gal.	31,000	\$127.69	5	155	\$638	1	31	\$128	
32,000 – 34,000 Gal.	33,000	\$134.29	3	99	\$403	0	0	\$0	
34,000 – 36,000 Gal.	35,000	\$140.89	2	70	\$282	1	35	\$141	
36,000 – 38,000 Gal.	37,000	\$147.49	2	74	\$295	0	0	\$0	
38,000 – 40,000 Gal.	39,000	\$154.09	1	39	\$154	0	0	\$0	
40,000 – 42,000 Gal.	41,000	\$160.69	1	41	\$161	0	0	\$0	
42,000 – 44,000 Gal.	43,000	\$167.29	2	86	\$335	0	0	\$0	
44,000 – 46,000 Gal.	45,000	\$173.89	1	45	\$174	1	45	\$174	
46,000 – 48,000 Gal.	47,000	\$180.49	1	47	\$180	0	0	\$0	
48,000 – 50,000 Gal.	49,000	\$187.09	1	49	\$187	0	0	\$0	
50,000 – 55,000 Gal.	52,500	\$198.64	2	105	\$397	1	52.5	\$199	
55,000 – 60,000 Gal.	57,500	\$215.14	2	115	\$430	1	57.5	\$215	
60,000 – 65,000 Gal.	62,500	\$231.64	2	125	\$463	0	0	\$0	

65,000 – 70,000 Gal.	67,500	\$248.14	1	67.5	\$248	0	0	\$0
70,000 – 75,000 Gal.	72,500	\$264.64	1	72.5	\$265	0	0	\$0
75,000 – 80,000 Gal.	77,500	\$281.14	1	77.5	\$281	0	0	\$0
80,000 – 85,000 Gal.	82,500	\$297.64	1	82.5	\$298	0	0	\$0
85,000 – 90,000 Gal.	87,500	\$314.14	0	0	\$0	0	0	\$0
90,000 – 95,000 Gal.	92,500	\$330.64	0	0	\$0	0	0	\$0
95,000 – 100,000 Gal.	97,500	\$347.14	0	0	\$0	0	0	\$0
100,000 – 110,000 Gal.	105,000	\$371.89	1	105	\$372	0	0	\$0
110,000 – 120,000 Gal.	115,000	\$404.89	1	115	\$405	0	0	\$0
120,000 – 130,000 Gal.	125,000	\$437.89	1	125	\$438	0	0	\$0
130,000 – 140,000 Gal.	135,000	\$470.89	1	135	\$471	0	0	\$0
140,000 – 150,000 Gal.	145,000	\$503.89	1	145	\$504	0	0	\$0
150,000 – 160,000 Gal.	155,000	\$536.89	1	155	\$537	0	0	\$0
160,000 – 170,000 Gal.	165,000	\$569.89	0	0	\$0	0	0	\$0
170,000 – 180,000 Gal.	175,000	\$602.89	0	0	\$0	0	0	\$0
180,000 – 190,000 Gal.	185,000	\$635.89	0	0	\$0	0	0	\$0
190,000 – 200,000 Gal.	195,000	\$668.89	0	0	\$0	0	0	\$0
200,000 – 210,000 Gal.	205,000	\$701.89	0	0	\$0	0	0	\$0
210,000 – 220,000 Gal.	215,000	\$734.89	0	0	\$0	0	0	\$0
220,000 – 230,000 Gal.	225,000	\$767.89	0	0	\$0	0	0	\$0
230,000 – 240,000 Gal.	235,000	\$800.89	0	0	\$0	0	0	\$0
240,000 – 250,000 Gal.	245,000	\$833.89	0	0	\$0	0	0	\$0
250,000 – 300,000 Gal.	275,000	\$932.89	0	0	\$0	0	0	\$0
300,000 – 350,000 Gal.	325,000	\$1,097.89	0	0	\$0	0	0	\$0
Sub-Total			(1,383	10,224	\$58,254)	(22	301	\$1,418)
Average Monthly Rate				(7.39)			(13.66)	
Average Monthly Usage								

Note: Individual totals under column marked "No. of Users" are computed averages taken from the Lexington South Elkhorn Water Consumption Analysis. Due to Rounding effects, the sum of the averages was greater than the total number of District customers. The interval of 0 – 2000 Gal. was adjusted to match District totals. This interval was chosen since most months have several cutoff customers. The resulting income generated by this breakdown (without a surcharge) remains less than the Estimated Budget for the next fiscal year.

XV. FORCAST OF WATER USAGE – INCOME – NEW USERS – EXTENSION ONLY

Meter Size	MONTHLY WATER USAGE	Average	Average Rate	Residential/ Farmer			Non-Residential/ Commercial		
				No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
A	0 – 2000 Gal.	1,000	\$20.15	80	80	\$1,612	9	9	\$181
L	2,000 – 3,000 Gal.	2,500	\$22.42	52	130	\$1,166	0	0	\$0
L	3,000 – 4,000 Gal.	3,500	\$26.98	41	143.5	\$1,106	0	0	\$0
S	4,000 – 5,000 Gal.	4,500	\$31.30	30	135	\$939	0	0	\$0
I	5,000 – 6,000 Gal.	5,500	\$35.40	25	137.5	\$885	0	0	\$0
Z	6,000 – 7,000 Gal.	6,500	\$39.38	21	136.5	\$827	0	0	\$0
E	7,000 – 8,000 Gal.	7,500	\$43.23	17	127.5	\$735	0	0	\$0
S	8,000 – 9,000 Gal.	8,500	\$47.08	14	119	\$659	0	0	\$0
	9,000 – 10,000 Gal.	9,500	\$50.93	7	66.5	\$356	0	0	\$0
	10,000 – 11,000 Gal.	10,500	\$54.78	4	42	\$219	0	0	\$0
	11,000 – 12,000 Gal.	11,500	\$58.63	3	34.5	\$176	0	0	\$0
	12,000 – 13,000 Gal.	12,500	\$62.48	2	25	\$125	0	0	\$0
	13,000 – 14,000 Gal.	13,500	\$66.33	1	13.5	\$66	0	0	\$0
	14,000 – 15,000 Gal.	14,500	\$70.18	0	0	\$0	0	0	\$0
	15,000 – 16,000 Gal.	15,500	\$74.03	1	15.5	\$74	0	0	\$0
	16,000 – 17,000 Gal.	16,500	\$77.74	0	0	\$0	0	0	\$0
	17,000 – 18,000 Gal.	17,500	\$81.32	0	0	\$0	0	0	\$0
	18,000 – 19,000 Gal.	18,500	\$84.90	0	0	\$0	0	0	\$0
	19,000 – 20,000 Gal.	19,500	\$88.48	1	19.5	\$88	0	0	\$0
	20,000 – 21,000 Gal.	20,500	\$92.06	0	0	\$0	0	0	\$0
	21,000 – 22,000 Gal.	21,500	\$95.64	0	0	\$0	0	0	\$0
	22,000 – 23,000 Gal.	22,500	\$99.22	0	0	\$0	0	0	\$0
	23,000 – 24,000 Gal.	23,500	\$102.80	0	0	\$0	0	0	\$0
	24,000 – 25,000 Gal.	24,500	\$106.24	0	0	\$0	0	0	\$0
	25,000 – 26,000 Gal.	25,500	\$109.54	0	0	\$0	0	0	\$0
	26,000 – 27,000 Gal.	26,500	\$112.84	0	0	\$0	0	0	\$0
	27,000 – 28,000 Gal.	27,500	\$116.14	0	0	\$0	0	0	\$0
	28,000 – 29,000 Gal.	28,500	\$119.44	0	0	\$0	0	0	\$0
	29,000 – 30,000 Gal.	29,500	\$122.74	1	29.5	\$123	0	0	\$0
	30,000 – 32,000 Gal.	31,000	\$127.69	0	0	\$0	0	0	\$0
	32,000 – 34,000 Gal.	33,000	\$134.29	0	0	\$0	0	0	\$0
	34,000 – 36,000 Gal.	35,000	\$140.89	0	0	\$0	0	0	\$0
	36,000 – 38,000 Gal.	37,000	\$147.49	0	0	\$0	0	0	\$0
	38,000 – 40,000 Gal.	39,000	\$154.09	0	0	\$0	0	0	\$0
	40,000 – 42,000 Gal.	41,000	\$160.69	0	0	\$0	0	0	\$0
	42,000 – 44,000 Gal.	43,000	\$167.29	0	0	\$0	0	0	\$0
	44,000 – 46,000 Gal.	45,000	\$173.89	0	0	\$0	0	0	\$0
	46,000 – 48,000 Gal.	47,000	\$180.49	0	0	\$0	0	0	\$0
	48,000 – 50,000 Gal.	49,000	\$187.09	0	0	\$0	0	0	\$0
	50,000 – 55,000 Gal.	52,500	\$198.64	0	0	\$0	0	0	\$0
	55,000 – 60,000 Gal.	57,500	\$215.14	0	0	\$0	0	0	\$0
	60,000 – 65,000 Gal.	62,500	\$231.64	0	0	\$0	0	0	\$0

65,000 – 70,000 Gal.	67,500	\$248.14	0	0	\$0	0	0	\$0
70,000 – 75,000 Gal.	72,500	\$264.64	0	0	\$0	0	0	\$0
75,000 – 80,000 Gal.	77,500	\$281.14	0	0	\$0	0	0	\$0
80,000 – 85,000 Gal.	82,500	\$297.64	0	0	\$0	0	0	\$0
85,000 – 90,000 Gal.	87,500	\$314.14	0	0	\$0	0	0	\$0
90,000 – 95,000 Gal.	92,500	\$330.64	0	0	\$0	0	0	\$0
95,000 – 100,000 Gal.	97,500	\$347.14	0	0	\$0	0	0	\$0
100,000 – 110,000 Gal.	105,000	\$371.89	0	0	\$0	0	0	\$0
110,000 – 120,000 Gal.	115,000	\$404.89	0	0	\$0	0	0	\$0
120,000 – 130,000 Gal.	125,000	\$437.89	0	0	\$0	0	0	\$0
130,000 – 140,000 Gal.	135,000	\$470.89	0	0	\$0	0	0	\$0
140,000 – 150,000 Gal.	145,000	\$503.89	0	0	\$0	0	0	\$0
150,000 – 160,000 Gal.	155,000	\$536.89	0	0	\$0	0	0	\$0
160,000 – 170,000 Gal.	165,000	\$569.89	0	0	\$0	0	0	\$0
170,000 – 180,000 Gal.	175,000	\$602.89	0	0	\$0	0	0	\$0
180,000 – 190,000 Gal.	185,000	\$635.89	0	0	\$0	0	0	\$0
190,000 – 200,000 Gal.	195,000	\$668.89	0	0	\$0	0	0	\$0
200,000 – 210,000 Gal.	205,000	\$701.89	0	0	\$0	0	0	\$0
210,000 – 220,000 Gal.	215,000	\$734.89	0	0	\$0	0	0	\$0
220,000 – 230,000 Gal.	225,000	\$767.89	0	0	\$0	0	0	\$0
230,000 – 240,000 Gal.	235,000	\$800.89	0	0	\$0	0	0	\$0
240,000 – 250,000 Gal.	245,000	\$833.89	0	0	\$0	0	0	\$0
250,000 – 300,000 Gal.	275,000	\$932.89	0	0	\$0	0	0	\$0
300,000 – 350,000 Gal.	325,000	\$1,097.89	0	0	\$0	0	0	\$0

Sub-Total
Average Monthly Rate
Average Monthly Usage

(300	1,255	\$9,157)	(9	9	\$181)
(4.18)	(1.00)

Exhibit XVI

XVI(a) PROPOSED OPERATING BUDGET – EXISTING USERS ONLY

(1st Full Year of Operation)

Year Ending _____ 1998 _____

A. Operating Income:

Water Sales	\$	716,058
Disconnect/Reconnect/Late Charge Fees		<u>15,500</u>
Other (Describe)		<u> </u>

Less Allowances and Deductions (_____)

Total Operating Income..... \$ 731,558

B. Operation and Maintenance Expenses:

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

Source of Supply Expense	\$	260,000
Pumping Expense		<u>5,300</u>
Water Treatment Expense		<u>2,750</u>
Transmission and Distribution Expense		<u>31,500</u>
Customer Accounts Expense		<u>26,500</u>
Administrative and General Expense		<u>170,000</u>

Total Operating Expense..... \$ 496,050

Net Operating Income..... \$ 235,508

C. Non-Operating Income:

Interest on Deposits	\$	8,000
Other (Identify)		<u> </u>

Total Non-Operating Income \$ 8,000

D. Net Income..... \$ 243,508

E. Debt Repayment:

FmHA Interest	\$	7,000
FmHA Principal		<u>6,000</u>
Non-FmHA Interest		<u>93,543</u>
Non-FmHA Principal		<u>62,856</u>

Total Debt Repayment \$ 169,399

F. Balance Available for Coverage and Depreciation..... \$ 74,109

Exhibit XVII

XVIII. PROPOSED OPERATING BUDGET – NEW USERS – EXTENSION ONLY

(1st Full Year of Operation)

Year Ending _____ 1998 _____

A. Operating Income:

Water Sales	\$	134,305
Disconnect/Reconnect/Late Charge Fees		3,000
Other (Describe)		
Less Allowances and Deductions	(_____)
Total Operating Income.....	\$	137,305

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

Source of Supply Expense	\$	28,827
Pumping Expense		0
Water Treatment Expense		600
Transmission and Distribution Expense		7,000
Customer Accounts Expense		6,000
Administrative and General Expense		37,000
Total Operating Expense.....	\$	79,427
Net Operating Income.....	\$	57,878

C. Non-Operating Income:

Interest on Deposits	\$	0
Other (Identify)		
Total Non-Operating Income	\$	0

D. Net Income..... \$ 57,878

E. Debt Repayment:

FmHA Interest	\$	61,555
FmHA Principal		41,036
Non-FmHA Interest		0
Non-FmHA Principal		0
Total Debt Repayment	\$	102,591

F. Balance Available for Coverage and Depreciation..... \$ (44,713)

XVII. PROPOSED OPERATING BUDGET – EXISTING & NEW USERS

(1st Full Year of Operation)

Year Ending _____ 1998 _____

A. Operating Income:

Water Sales	\$	<u>850,363</u>
Disconnect/Reconnect/Late Charge Fees		<u>18,500</u>
Other (Describe)		<u>0</u>
Less Allowances and Deductions	(<u>0)</u>
Total Operating Income.....	\$	<u>868,863</u>

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

Source of Supply Expense	\$	<u>288,827</u>
Pumping Expense		<u>5,300</u>
Water Treatment Expense		<u>3,350</u>
Transmission and Distribution Expense		<u>38,500</u>
Customer Accounts Expense		<u>32,500</u>
Administrative and General Expense		<u>207,000</u>
Total Operating Expense.....	\$	<u>575,477</u>
Net Operating Income.....	\$	<u>293,386</u>

C. Non-Operating Income:

Interest on Deposits	\$	<u>8,000</u>
Other (Identify)		<u>0</u>
Total Non-Operating Income	\$	<u>8,000</u>

D. Net Income..... \$ 301,386

E. Debt Repayment:

FmHA Interest	\$	<u>68,555</u>
FmHA Principal		<u>47,036</u>
Non-FmHA Interest		<u>93,543</u>
Non-FmHA Principal		<u>62,856</u>
Total Debt Repayment	\$	<u>271,990</u>

F. Balance Available for Coverage and Depreciation..... \$ 29,396

APPENDIX B

Actual Water Use Data LSEWD

November 1995 - October 1996

NOTE: CUSTOMERS IN THE FOLLOWING DATA BASE HAVE TWO ACCOUNTS; ONE FOR WATER USAGE AND ANOTHER FOR TAX PURPOSES. SUMMATIONS UNDER "# OF CUSTOMERS" ARE DIVIDED BY 2 IN ORDER TO DETERMINE ACTUAL TOTAL FOR EACH INCREMENT.

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,494	14,539,970
15,000	16,000	20	310,740
16,000	17,000	20	326,160
17,000	18,000	18	316,540
18,000	19,000	30	555,540
19,000	20,000	14	272,560
20,000	21,000	18	369,560
21,000	22,000	4	85,940
22,000	23,000	8	181,720
23,000	24,000	7	163,080
24,000	25,000	10	244,600
25,000	26,000	2	50,620
26,000	27,000	4	107,860
27,000	28,000	4	110,240
28,000	99,999,999	114	6,073,700

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,425	13,742,510
15,000	16,000	32	497,540
16,000	17,000	30	493,040
17,000	18,000	28	491,780
18,000	19,000	20	369,440
19,000	20,000	18	348,080
20,000	21,000	12	246,100
21,000	22,000	8	170,700
22,000	23,000	10	224,720
23,000	24,000	24	565,460
24,000	25,000	6	148,500
25,000	26,000	8	204,060
26,000	27,000	8	214,160
27,000	28,000	6	164,400
28,000	99,999,999	132	8,412,810

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,442	14,086,900
15,000	16,000	30	465,300
16,000	17,000	20	329,160
17,000	18,000	20	348,560
18,000	19,000	30	554,520
19,000	20,000	30	581,540
20,000	21,000	8	162,840

* NOTE: 0 - 15,000 INTERVAL HAS BEEN DETAILED ON PRIOR SHEETS.

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
21,000	22,000	14 7	299,820
22,000	23,000	20 10	449,100
23,000	24,000	2 1	47,980
24,000	25,000	8 4	195,560
25,000	26,000	8 4	202,320
26,000	27,000	2 1	52,920
27,000	28,000	6 3	163,880
28,000	99,999,999	127	8,189,360

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,435 1218	13,567,240
15,000	16,000	36 18	558,680
16,000	17,000	20 10	331,060
17,000	18,000	20 10	349,160
18,000	19,000	22 11	407,320
19,000	20,000	12 6	234,440
20,000	21,000	22 11	448,300
21,000	22,000	14 7	300,760
22,000	23,000	14 7	315,260
23,000	24,000	8 4	190,020
24,000	25,000	10 5	244,600
25,000	26,000	16 8	406,000
26,000	27,000	6 3	158,040
27,000	28,000	4 2	110,180
28,000	99,999,999	128	6,743,750

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,541 1271	13,254,980
15,000	16,000	28 14	431,140
16,000	17,000	10 5	164,400
17,000	18,000	20 10	349,660
18,000	19,000	18 9	332,580
19,000	20,000	8 4	157,320
20,000	21,000	10 5	203,280
21,000	22,000	8 4	171,740
22,000	23,000	8 4	179,560
23,000	24,000	10 5	233,380
24,000	25,000	8 4	195,420
25,000	26,000	8 4	203,860
26,000	27,000	4 2	104,700
27,000	28,000	4 2	111,020

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
28,000	99,999,999	82	4,591,140

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,643	132212,419,320
15,000	16,000	10	5151,880
16,000	17,000	8	4132,860
17,000	18,000	3	251,990
18,000	19,000	8	4146,660
19,000	20,000	16	8310,320
20,000	21,000	0	0
21,000	22,000	4	286,320
22,000	23,000	2	144,740
23,000	24,000	0	0
24,000	25,000	8	4195,660
25,000	26,000	4	2101,220
26,000	27,000	2	153,400
27,000	28,000	2	154,740
28,000	99,999,999	57	3,931,640

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,618	130913,657,950
15,000	16,000	20	10307,500
16,000	17,000	14	7234,980
17,000	18,000	12	6209,340
18,000	19,000	8	4150,440
19,000	20,000	4	276,740
20,000	21,000	6	3124,440
21,000	22,000	4	286,320
22,000	23,000	6	3135,040
23,000	24,000	4	294,700
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	2	153,500
27,000	28,000	8	4217,980
28,000	99,999,999	61	6,317,060

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,650	11,713,960
15,000	16,000	4	61,040
16,000	17,000	2	33,340
17,000	18,000	8	141,360
18,000	19,000	8	149,320
19,000	20,000	0	0
20,000	21,000	2	40,340
21,000	22,000	2	43,260
22,000	23,000	6	136,540
23,000	24,000	6	142,260
24,000	25,000	2	48,260
25,000	26,000	2	51,560
26,000	27,000	2	52,180
27,000	28,000	2	54,500
28,000	99,999,999	71	5,298,320

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,638	12,202,050
15,000	16,000	14	216,920
16,000	17,000	6	97,860
17,000	18,000	6	105,440
18,000	19,000	4	73,260
19,000	20,000	4	77,800
20,000	21,000	8	162,960
21,000	22,000	4	85,980
22,000	23,000	12	269,600
23,000	24,000	0	0
24,000	25,000	2	48,060
25,000	26,000	2	50,740
26,000	27,000	4	106,640
27,000	28,000	2	55,180
28,000	99,999,999	61	6,310,300

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,613	13,126,380
15,000	16,000	19	295,410
16,000	17,000	10	165,280
17,000	18,000	12	210,680
18,000	19,000	12	222,380
19,000	20,000	6	117,120
20,000	21,000	2	40,960
21,000	22,000	4	86,100

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
22,000	23,000	2 1	44,100
23,000	24,000	4 2	94,900
24,000	25,000	6 3	147,480
25,000	26,000	6 3	153,120
26,000	27,000	6 3	160,340
27,000	28,000	6 3	165,920
28,000	99,999,999	59	5,256,500

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,666 ¹³³³	11,773,440
15,000	16,000	4 3	92,160
16,000	17,000	4 2	65,540
17,000	18,000	2 1	34,240
18,000	19,000	4 2	74,640
19,000	20,000	4 2	79,420
20,000	21,000	10 5	205,480
21,000	22,000	10 5	217,340
22,000	23,000	2 1	44,020
23,000	24,000	2 1	47,460
24,000	25,000	0 0	0
25,000	26,000	2 1	50,780
26,000	27,000	0 0	0
27,000	28,000	2 1	55,740
28,000	99,999,999	53	4,466,900

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	15,000	2,612 ¹³⁰⁶	12,281,890
15,000	16,000	12 6	185,440
16,000	17,000	10 5	164,060
17,000	18,000	10 5	175,760
18,000	19,000	2 1	36,720
19,000	20,000	8 4	156,960
20,000	21,000	8 4	164,520
21,000	22,000	8 4	171,460
22,000	23,000	6 3	134,360
23,000	24,000	8 4	189,360
24,000	25,000	8 4	195,760
25,000	26,000	4 2	100,900
26,000	27,000	6 3	159,380
27,000	28,000	6 3	164,580
28,000	99,999,999	59	4,136,580

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	15,000	26 13	70,180
15,000	16,000	0 0	0
16,000	17,000	2 1	33,460
17,000	18,000	0 0	0
18,000	19,000	0 0	0
19,000	20,000	4 2	78,240
20,000	21,000	0 0	0
21,000	22,000	0 0	0
22,000	23,000	0 0	0
23,000	24,000	0 0	0
24,000	25,000	0 0	0
25,000	26,000	0 0	0
26,000	27,000	0 0	0
27,000	28,000	2 1	54,300
28,000	99,999,999	10	815,320

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	15,000	24 12	71,320
15,000	16,000	0 0	0
16,000	17,000	0 0	0
17,000	18,000	0 0	0
18,000	19,000	2 1	36,980
19,000	20,000	2 1	38,260
20,000	21,000	0 0	0
21,000	22,000	0 0	0
22,000	23,000	0 0	0
23,000	24,000	0 0	0
24,000	25,000	0 0	0
25,000	26,000	0 0	0
26,000	27,000	0 0	0
27,000	28,000	0 0	0
28,000	99,999,999	16	1,348,260

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	15,000	26 13	76,840
15,000	16,000	0 0	0
16,000	17,000	2 1	33,080
17,000	18,000	0 0	0
18,000	19,000	0 0	0
19,000	20,000	0 0	0
20,000	21,000	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
21,000	22,000	0	0
22,000	23,000	2	1 45,340
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0
28,000	99,999,999	14	1,255,540

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	15,000	26	13 102,470
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	0	0
18,000	19,000	4	2 74,500
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0
22,000	23,000	2	1 45,560
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0
28,000	99,999,999	12	1,001,880

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	15,000	30	15 88,060
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	4	2 70,560
18,000	19,000	0	0
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0
22,000	23,000	0	0
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
28,000	99,999,999	10	1,132,780

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	15,000	36	18 122,280
15,000	16,000	0	0 0
16,000	17,000	0	0 0
17,000	18,000	0	0 0
18,000	19,000	0	0 0
19,000	20,000	0	0 0
20,000	21,000	0	0 0
21,000	22,000	0	0 0
22,000	23,000	0	0 0
23,000	24,000	0	0 0
24,000	25,000	0	0 0
25,000	26,000	0	0 0
26,000	27,000	0	0 0
27,000	28,000	0	0 0
28,000	99,999,999	8	8 403,220

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	15,000	26	13 65,920
15,000	16,000	0	0 0
16,000	17,000	2	1 33,080
17,000	18,000	4	2 69,780
18,000	19,000	0	0 0
19,000	20,000	2	1 38,760
20,000	21,000	0	0 0
21,000	22,000	0	0 0
22,000	23,000	0	0 0
23,000	24,000	0	0 0
24,000	25,000	0	0 0
25,000	26,000	0	0 0
26,000	27,000	0	0 0
27,000	28,000	0	0 0
28,000	99,999,999	10	10 490,540

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	15,000	32	108,820
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	0	0
18,000	19,000	0	0
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0
22,000	23,000	0	0
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0
28,000	99,999,999	12	578,640

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	15,000	32	64,240
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	0	0
18,000	19,000	0	0
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0
22,000	23,000	0	0
23,000	24,000	0	0
24,000	25,000	2	48,760
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0
28,000	99,999,999	10	543,200

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	15,000	32	87,220
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	0	0
18,000	19,000	0	0
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
22,000	23,000	2	44,260
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0
28,000	99,999,999	10	582,300

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	15,000	32	77,740
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	0	0
18,000	19,000	0	0
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0
22,000	23,000	0	0
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	2	53,960
27,000	28,000	0	0
28,000	99,999,999	10	530,760

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	15,000	36	116,700
15,000	16,000	0	0
16,000	17,000	0	0
17,000	18,000	2	35,820
18,000	19,000	0	0
19,000	20,000	0	0
20,000	21,000	0	0
21,000	22,000	0	0
22,000	23,000	0	0
23,000	24,000	0	0
24,000	25,000	0	0
25,000	26,000	0	0
26,000	27,000	0	0
27,000	28,000	0	0
28,000	99,999,999	6	304,400

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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Residential WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	Avg #Cust/mo	Total Usage
0	---	15,000	1283	156,366,590
15,000	---	16,000	10	3,573,750
16,000	---	17,000	6	2,537,740
17,000	---	18,000	7	2,784,510
18,000	---	19,000	7	3,072,820
19,000	---	20,000	5	2,412,300
20,000	---	21,000	4	2,168,780
21,000	---	22,000	4	1,805,740
22,000	---	23,000	4	2,158,760
23,000	---	24,000	3	1,768,600
24,000	---	25,000	3	1,663,900
25,000	---	26,000	3	1,575,180
26,000	---	27,000	2	1,223,120
27,000	---	28,000	2	1,428,360
28,000	---	99,999,999		69,728,060

Commercial WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	15,000	15	1,051,810
15,000	---	16,000	9	0
16,000	---	17,000	1	99,620
17,000	---	18,000	1	176,160
18,000	---	19,000	0	111,480
19,000	---	20,000		155,260
20,000	---	21,000		0
21,000	---	22,000		0
22,000	---	23,000		135,160
23,000	---	24,000		0
24,000	---	25,000		48,760
25,000	---	26,000		0
26,000	---	27,000		53,960
27,000	---	28,000		54,300
28,000	---	99,999,999		8,986,840

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	15,000		157,418,400
15,000	---	16,000		3,573,750
16,000	---	17,000		2,637,360
17,000	---	18,000		2,960,670
18,000	---	19,000		3,184,300
19,000	---	20,000		2,567,560
20,000	---	21,000		2,168,780
21,000	---	22,000		1,805,740
22,000	---	23,000		2,293,920
23,000	---	24,000		1,768,600
24,000	---	25,000		1,712,660
25,000	---	26,000		1,575,180
26,000	---	27,000		1,277,080
27,000	---	28,000		1,482,660
28,000	---	99,999,999		78,714,900

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	2,000	256	128 233,090
2,000	3,000	230	115 584,340
3,000	4,000	312	156 1,110,720
4,000	5,000	290	145 1,313,820
5,000	6,000	346	172 1,904,920
6,000	7,000	268	134 1,747,660
7,000	8,000	200	100 1,500,360
8,000	9,000	170	85 1,451,160
9,000	10,000	136	68 1,290,080
10,000	11,000	102	51 1,070,900
11,000	12,000	68	34 780,980
12,000	13,000	44	22 549,540
13,000	14,000	44	22 596,320
14,000	15,000	28	14 406,080
15,000	99,999,999	273	9,168,860

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	2,000	295	148 253,020
2,000	3,000	204	102 523,340
3,000	4,000	299	150 1,051,510
4,000	5,000	318	159 1,424,500
5,000	6,000	324	162 1,781,040
6,000	7,000	258	129 1,669,960
7,000	8,000	202	102 1,498,720
8,000	9,000	140	70 1,182,160
9,000	10,000	104	102 990,080
10,000	11,000	101	51 1,053,680
11,000	12,000	54	27 618,340
12,000	13,000	40	20 497,820
13,000	14,000	48	24 651,480
14,000	15,000	38	19 546,860
15,000	99,999,999	342	12,550,790

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	2,000	310	155 216,260
2,000	3,000	214	107 533,780
3,000	4,000	242	121 858,020
4,000	5,000	272	136 1,226,160
5,000	6,000	340	170 1,874,640
6,000	7,000	270	135 1,760,640
7,000	8,000	240	120 1,795,840

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
8,000	9,000	140	70 1,192,080
9,000	10,000	120	60 1,136,320
10,000	11,000	114	57 1,193,040
11,000	12,000	56	27 645,000
12,000	13,000	58	29 724,240
13,000	14,000	28	14 378,620
14,000	15,000	38	19 552,260
15,000	99,999,999	325	12,042,860

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	2,000	359	180 256,860
2,000	3,000	192	96 468,360
3,000	4,000	290	146 1,020,360
4,000	5,000	350	175 1,575,440
5,000	6,000	282	141 1,548,040
6,000	7,000	232	116 1,510,800
7,000	8,000	192	96 1,423,540
8,000	9,000	120	60 1,019,140
9,000	10,000	118	59 1,117,180
10,000	11,000	78	39 815,840
11,000	12,000	80	40 919,200
12,000	13,000	68	34 851,680
13,000	14,000	28	14 375,240
14,000	15,000	46	23 665,560
15,000	99,999,999	332	10,797,570

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	2,000	391	196 251,460
2,000	3,000	250	125 631,500
3,000	4,000	348	174 1,234,780
4,000	5,000	372	186 1,683,780
5,000	6,000	290	145 1,573,780
6,000	7,000	252	126 1,632,660
7,000	8,000	154	77 1,155,640
8,000	9,000	114	57 966,920
9,000	10,000	112	56 1,061,200
10,000	11,000	94	47 978,080
11,000	12,000	52	26 596,100
12,000	13,000	54	27 672,860
13,000	14,000	26	13 352,180
14,000	15,000	32	16 464,040

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
15,000	99,999,999	226	7,429,200

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	2,000	454	227 280,800
2,000	3,000	290	145 728,860
3,000	4,000	430	215 1,521,980
4,000	5,000	408	204 1,845,180
5,000	6,000	332	166 1,817,240
6,000	7,000	222	111 1,425,820
7,000	8,000	154	77 1,146,180
8,000	9,000	112	56 942,460
9,000	10,000	79	40 745,820
10,000	11,000	38	19 395,900
11,000	12,000	44	22 508,680
12,000	13,000	30	15 370,020
13,000	14,000	28	14 375,320
14,000	15,000	22	11 315,060
15,000	99,999,999	124	5,261,430

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	2,000	411	266 223,340
2,000	3,000	234	117 590,920
3,000	4,000	276	138 970,460
4,000	5,000	391	196 1,771,260
5,000	6,000	354	177 1,932,380
6,000	7,000	272	136 1,777,820
7,000	8,000	222	111 1,662,280
8,000	9,000	142	71 1,204,820
9,000	10,000	97	49 925,980
10,000	11,000	81	41 849,550
11,000	12,000	50	25 572,520
12,000	13,000	28	14 350,640
13,000	14,000	40	20 537,400
14,000	15,000	20	10 288,380
15,000	99,999,999	149	8,008,040

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	2,000	519	260 310,050
2,000	3,000	298	149 757,340
3,000	4,000	416	208 1,455,500
4,000	5,000	456	228 2,034,220
5,000	6,000	290	145 1,586,400
6,000	7,000	232	116 1,503,560
7,000	8,000	164	132 1,231,000
8,000	9,000	70	35 594,360
9,000	10,000	72	36 676,220
10,000	11,000	55	28 576,310
11,000	12,000	22	11 252,100
12,000	13,000	28	14 347,640
13,000	14,000	14	7 188,180
14,000	15,000	14	7 201,080
15,000	99,999,999	117	6,252,280

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	2,000	512	256 309,790
2,000	3,000	296	148 746,400
3,000	4,000	408	204 1,438,700
4,000	5,000	350	175 1,574,760
5,000	6,000	320	160 1,745,680
6,000	7,000	214	107 1,378,520
7,000	8,000	180	90 1,337,360
8,000	9,000	118	57 996,280
9,000	10,000	90	45 860,520
10,000	11,000	48	24 506,100
11,000	12,000	36	18 411,520
12,000	13,000	20	10 251,740
13,000	14,000	22	11 296,520
14,000	15,000	24	12 348,160
15,000	99,999,999	129	7,660,740

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	2,000	464	232 224,320
2,000	3,000	207	104 531,620
3,000	4,000	322	161 1,128,340
4,000	5,000	366	183 1,634,720
5,000	6,000	340	170 1,876,240
6,000	7,000	263	132 1,700,800
7,000	8,000	210	105 1,560,940
8,000	9,000	164	82 1,396,720

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
9,000	10,000	73	47 683,560
10,000	11,000	68	34 709,900
11,000	12,000	46	23 528,540
12,000	13,000	24	12 302,280
13,000	14,000	20	10 271,820
14,000	15,000	26	12 376,580
15,000	99,999,999	154	7,160,290

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	2,000	536	268 311,300
2,000	3,000	302	151 756,220
3,000	4,000	430	215 1,512,700
4,000	5,000	452	226 2,024,480
5,000	6,000	310	155 1,675,380
6,000	7,000	178	89 1,143,000
7,000	8,000	150	75 1,125,140
8,000	9,000	100	50 845,820
9,000	10,000	50	25 472,940
10,000	11,000	50	25 526,540
11,000	12,000	50	26 576,800
12,000	13,000	22	11 276,500
13,000	14,000	20	10 273,560
14,000	15,000	16	8 233,060
15,000	99,999,999	101	5,433,720

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	2,000	513	257 283,730
2,000	3,000	274	137 698,120
3,000	4,000	378	189 1,344,000
4,000	5,000	372	186 1,670,900
5,000	6,000	309	155 1,682,880
6,000	7,000	222	111 1,432,220
7,000	8,000	146	73 1,101,420
8,000	9,000	126	63 1,066,340
9,000	10,000	104	52 983,600
10,000	11,000	54	27 565,900
11,000	12,000	38	19 433,460
12,000	13,000	28	14 345,080
13,000	14,000	22	11 296,120
14,000	15,000	26	13 378,120
15,000	99,999,999	155	6,135,840

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	2,000	14	7 9,700
2,000	3,000	0	0
3,000	4,000	4	2 13,280
4,000	5,000	4	2 18,900
5,000	6,000	0	0
6,000	7,000	2	1 12,080
7,000	8,000	0	0
8,000	9,000	2	1 16,220
9,000	10,000	0	0
10,000	11,000	0	0
11,000	12,000	0	0
12,000	13,000	0	0
13,000	14,000	0	0
14,000	15,000	0	0
15,000	99,999,999	18 44	981,320

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	2,000	12	6 8,080
2,000	3,000	0	0
3,000	4,000	4	2 14,960
4,000	5,000	2	1 8,920
5,000	6,000	4	2 22,680
6,000	7,000	0	0
7,000	8,000	0	0
8,000	9,000	2	1 16,680
9,000	10,000	0	0
10,000	11,000	0	0
11,000	12,000	0	0
12,000	13,000	0	0
13,000	14,000	0	0
14,000	15,000	0	0
15,000	99,999,999	20	1,423,500

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	2,000	8	4 4,020
2,000	3,000	4	2 9,440
3,000	4,000	4	2 12,720
4,000	5,000	6	3 27,080
5,000	6,000	2	1 11,220
6,000	7,000	2	1 12,360
7,000	8,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
8,000	9,000	0	0
9,000	10,000	0	0
10,000	11,000	0	0
11,000	12,000	0	0
12,000	13,000	0	0
13,000	14,000	0	0
14,000	15,000	0	0
15,000	99,999,999	18	1,333,960

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	2,000	12	6 11,510
2,000	3,000	0	0 0
3,000	4,000	2	1 6,840
4,000	5,000	2	1 8,020
5,000	6,000	4	2 22,040
6,000	7,000	4	2 26,580
7,000	8,000	0	0 0
8,000	9,000	0	0 0
9,000	10,000	0	0 0
10,000	11,000	0	0 0
11,000	12,000	0	0 0
12,000	13,000	0	0 0
13,000	14,000	2	1 27,500
14,000	15,000	0	0 0
15,000	99,999,999	18	1,121,940

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	2,000	18	9 15,400
2,000	3,000	0	0 0
3,000	4,000	4	2 14,920
4,000	5,000	4	2 17,200
5,000	6,000	0	0 0
6,000	7,000	2	1 12,900
7,000	8,000	0	0 0
8,000	9,000	0	0 0
9,000	10,000	0	0 0
10,000	11,000	0	0 0
11,000	12,000	0	0 0
12,000	13,000	0	0 0
13,000	14,000	2	1 27,640
14,000	15,000	0	0 0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
15,000	99,999,999	14	1,203,340

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	2,000	14	7 10,000
2,000	3,000	0	0 0
3,000	4,000	8	4 27,740
4,000	5,000	2	1 8,660
5,000	6,000	6	3 33,180
6,000	7,000	2	1 13,040
7,000	8,000	4	2 29,660
8,000	9,000	0	0 0
9,000	10,000	0	0 0
10,000	11,000	0	0 0
11,000	12,000	0	0 0
12,000	13,000	0	0 0
13,000	14,000	0	0 0
14,000	15,000	0	0 0
15,000	99,999,999	8	403,220

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	2,000	14	7 12,620
2,000	3,000	0	0 0
3,000	4,000	6	3 19,540
4,000	5,000	0	0 0
5,000	6,000	4	2 20,200
6,000	7,000	2	1 13,560
7,000	8,000	0	0 0
8,000	9,000	0	0 0
9,000	10,000	0	0 0
10,000	11,000	0	0 0
11,000	12,000	0	0 0
12,000	13,000	0	0 0
13,000	14,000	0	0 0
14,000	15,000	0	0 0
15,000	99,999,999	18	632,160

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	2,000	18	9 10,540
2,000	3,000	4	2 10,520
3,000	4,000	2	1 7,520
4,000	5,000	0	0 0
5,000	6,000	0	0 0
6,000	7,000	2	1 12,360
7,000	8,000	0	0 0
8,000	9,000	0	0 0
9,000	10,000	4	2 38,880
10,000	11,000	0	0 0
11,000	12,000	0	0 0
12,000	13,000	0	0 0
13,000	14,000	0	0 0
14,000	15,000	2	1 29,000
15,000	99,999,999	12	578,640

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	2,000	18	9 8,120
2,000	3,000	0	0 0
3,000	4,000	10	5 33,640
4,000	5,000	0	0 0
5,000	6,000	2	1 10,180
6,000	7,000	2	1 12,300
7,000	8,000	0	0 0
8,000	9,000	0	0 0
9,000	10,000	0	0 0
10,000	11,000	0	0 0
11,000	12,000	0	0 0
12,000	13,000	0	0 0
13,000	14,000	0	0 0
14,000	15,000	0	0 0
15,000	99,999,999	12	591,960

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	2,000	18	9 9,340
2,000	3,000	4	2 10,080
3,000	4,000	2	1 6,040
4,000	5,000	2	1 8,960
5,000	6,000	2	1 11,360
6,000	7,000	2	1 12,880
7,000	8,000	0	0 0
8,000	9,000	0	0 0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
9,000	10,000	0	0
10,000	11,000	0	0
11,000	12,000	0	0
12,000	13,000	0	0
13,000	14,000	0	0
14,000	15,000	2	28,560
15,000	99,999,999	12	626,560

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	2,000	18	10,620
2,000	3,000	2	4,860
3,000	4,000	8	28,700
4,000	5,000	0	0
5,000	6,000	0	0
6,000	7,000	2	12,580
7,000	8,000	0	0
8,000	9,000	0	0
9,000	10,000	0	0
10,000	11,000	2	20,980
11,000	12,000	0	0
12,000	13,000	0	0
13,000	14,000	0	0
14,000	15,000	0	0
15,000	99,999,999	12	584,720

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	2,000	18	9,000
2,000	3,000	2	4,260
3,000	4,000	4	13,380
4,000	5,000	4	19,400
5,000	6,000	2	11,300
6,000	7,000	2	13,960
7,000	8,000	0	0
8,000	9,000	0	0
9,000	10,000	0	0
10,000	11,000	0	0
11,000	12,000	4	45,400
12,000	13,000	0	0
13,000	14,000	0	0
14,000	15,000	0	0
15,000	99,999,999	8	340,220

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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Residential WATER SUMMARY PERIOD: 01 TO 12

Minimum	Maximum	(AVG) #Cust/MO	Total Usage
0 ---	2,000	209	3,154,020
2,000 ---	3,000	125	7,550,800
3,000 ---	4,000	173	14,647,070
4,000 ---	5,000	184	19,779,220
5,000 ---	6,000	173	21,018,620
6,000 ---	7,000	121	18,683,460
7,000 ---	8,000	97	16,538,420
8,000 ---	9,000	63	12,858,260
9,000 ---	10,000	55	11,143,500
10,000 ---	11,000	37	9,241,740
11,000 ---	12,000	25	6,843,240
12,000 ---	13,000	19	5,540,240
13,000 ---	14,000	14	4,592,760
14,000 ---	15,000	14	4,775,240
15,000 ---	99,999,999		97,901,620

Commercial WATER SUMMARY PERIOD: 01 TO 12

Minimum	Maximum	#Cust	Total Usage
0 ---	2,000	8	118,950
2,000 ---	3,000	1	39,160
3,000 ---	4,000	2	199,280
4,000 ---	5,000	1	117,140
5,000 ---	6,000	1	142,160
6,000 ---	7,000	1	154,600
7,000 ---	8,000	0	29,660
8,000 ---	9,000	0	32,900
9,000 ---	10,000	0	38,880
10,000 ---	11,000	0	20,980
11,000 ---	12,000	0	45,400
12,000 ---	13,000	0	0
13,000 ---	14,000	1	55,140
14,000 ---	15,000	1	57,560
15,000 ---	99,999,999		9,821,540

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	2,000		3,272,970
2,000	---	3,000		7,589,960
3,000	---	4,000		14,846,350
4,000	---	5,000		19,896,360
5,000	---	6,000		21,160,780
6,000	---	7,000		18,838,060
7,000	---	8,000		16,568,080
8,000	---	9,000		12,891,160
9,000	---	10,000		11,182,380
10,000	---	11,000		9,262,720
11,000	---	12,000		6,888,640
12,000	---	13,000		5,540,240
13,000	---	14,000		4,647,900
14,000	---	15,000		4,832,800
15,000	---	99,999,999		107,723,160

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,653 ¹³²⁷	17,635,130
28,000	29,000	8 4	226,580
29,000	30,000	8 4	235,560
30,000	32,000	14 7	437,660
32,000	34,000	8 4	264,540
34,000	36,000	8 4	277,060
36,000	38,000	0 0	0
38,000	40,000	8 4	311,060
40,000	42,000	0 0	0
42,000	44,000	8 4	340,840
44,000	46,000	4 2	178,980
46,000	48,000	4 2	186,400
48,000	50,000	6 3	294,800
50,000	55,000	6 3	316,740
55,000	99,999,999	32 ¹⁶	3,003,480

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,635 ¹³¹⁸	17,880,490
28,000	29,000	4 2	113,760
29,000	30,000	8 4	236,120
30,000	32,000	15 8	469,430
32,000	34,000	12 6	394,300
34,000	36,000	8 4	284,180
36,000	38,000	10 5	366,680
38,000	40,000	8 4	309,940
40,000	42,000	4 2	165,800
42,000	44,000	2 1	85,540
44,000	46,000	6 3	267,060
46,000	48,000	4 2	187,760
48,000	50,000	2 1	96,040
50,000	55,000	4 2	209,660
55,000	99,999,999	45 ²³	5,226,540

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,640 ¹³²⁰	17,940,400
28,000	29,000	8 4	228,060
29,000	30,000	6 3	176,980
30,000	32,000	14 7	433,260
32,000	34,000	2 1	64,340
34,000	36,000	0 0	0
36,000	38,000	6 3	220,880

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
38,000	40,000	4 2	152,600
40,000	42,000	2 1	83,380
42,000	44,000	6 3	253,520
44,000	46,000	6 3	269,720
46,000	48,000	6 3	283,080
48,000	50,000	4 2	198,040
50,000	55,000	4 2	202,500
55,000	99,999,999	59 30	5,623,000

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,639 1320	17,621,060
28,000	29,000	6 3	170,000
29,000	30,000	8 4	237,160
30,000	32,000	28 14	871,820
32,000	34,000	8 4	265,240
34,000	36,000	8 4	280,660
36,000	38,000	6 3	224,240
38,000	40,000	4 2	156,080
40,000	42,000	6 3	244,660
42,000	44,000	4 2	170,500
44,000	46,000	2 1	90,660
46,000	48,000	6 3	281,340
48,000	50,000	4 2	194,080
50,000	55,000	3 2	151,670
55,000	99,999,999	35 18	3,405,640

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,685 1343	16,093,040
28,000	29,000	6 3	172,340
29,000	30,000	6 3	178,700
30,000	32,000	7 4	217,260
32,000	34,000	14 7	460,220
34,000	36,000	14 7	486,560
36,000	38,000	4 2	145,060
38,000	40,000	2 1	77,040
40,000	42,000	2 1	83,240
42,000	44,000	2 1	84,940
44,000	46,000	0 0	0
46,000	48,000	4 2	190,140
48,000	50,000	0 0	0
50,000	55,000	2 1	105,220

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
55,000	99,999,999	19 10	2,390,420

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,710	13 ⁵⁵ 13,749,110
28,000	29,000	4 2	113,660
29,000	30,000	2 1	58,220
30,000	32,000	4 2	122,700
32,000	34,000	2 1	66,120
34,000	36,000	6 3	209,040
36,000	38,000	2 1	72,040
38,000	40,000	0 0	0
40,000	42,000	2 1	83,080
42,000	44,000	2 1	86,340
44,000	46,000	4 2	177,960
46,000	48,000	0 0	0
48,000	50,000	2 1	97,940
50,000	55,000	0 0	0
55,000	99,999,999	27 14	2,844,540

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,706	13 ⁵³ 15,348,930
28,000	29,000	2 1	57,520
29,000	30,000	4 2	117,100
30,000	32,000	4 2	121,720
32,000	34,000	2 1	64,040
34,000	36,000	0 0	0
36,000	38,000	2 1	74,480
38,000	40,000	2 1	78,800
40,000	42,000	2 1	81,020
42,000	44,000	0 0	0
44,000	46,000	2 1	90,820
46,000	48,000	0 0	0
48,000	50,000	2 1	98,620
50,000	55,000	4 2	209,520
55,000	99,999,999	35 18	5,323,420

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,696	1348 12,667,920
28,000	29,000	4	2 115,780
29,000	30,000	4	2 118,880
30,000	32,000	4	2 120,440
32,000	34,000	2	1 67,600
34,000	36,000	4	2 140,100
36,000	38,000	2	1 74,300
38,000	40,000	4	2 155,480
40,000	42,000	2	1 80,120
42,000	44,000	8	4 348,120
44,000	46,000	4	2 180,520
46,000	48,000	0	0 0
48,000	50,000	2	1 99,300
50,000	55,000	2	1 107,140
55,000	99,999,999	29	15 3,690,540

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,706	1353 13,552,490
28,000	29,000	0	0 0
29,000	30,000	4	2 117,880
30,000	32,000	4	2 121,500
32,000	34,000	2	1 64,040
34,000	36,000	2	1 70,500
36,000	38,000	4	2 147,760
38,000	40,000	0	0 0
40,000	42,000	2	1 84,000
42,000	44,000	0	0 0
44,000	46,000	4	2 178,100
46,000	48,000	4	2 185,180
48,000	50,000	2	1 97,820
50,000	55,000	6	3 325,560
55,000	99,999,999	27	14 4,917,960

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,708	1354 15,030,170
28,000	29,000	2	1 56,880
29,000	30,000	2	1 59,620
30,000	32,000	8	4 249,940
32,000	34,000	0	0 0
34,000	36,000	2	1 70,920
36,000	38,000	0	0 0
38,000	40,000	2	1 76,800

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
40,000	42,000	2 1	83,980
42,000	44,000	4 2	173,080
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	4 2	193,060
50,000	55,000	4 2	205,020
55,000	99,999,999	29 15	4,087,200

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,714 ¹³⁵⁷	12,740,260
28,000	29,000	0 0	0
29,000	30,000	6 3	177,760
30,000	32,000	4 2	123,420
32,000	34,000	4 2	131,080
34,000	36,000	0 0	0
36,000	38,000	4 2	147,960
38,000	40,000	0 0	0
40,000	42,000	2 1	80,740
42,000	44,000	2 1	86,080
44,000	46,000	2 1	91,340
46,000	48,000	0 0	0
48,000	50,000	2 1	96,900
50,000	55,000	2 1	108,280
55,000	99,999,999	25 13	3,423,340

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	28,000	2,708 ¹³⁵⁴	14,281,150
28,000	29,000	0 0	0
29,000	30,000	2 1	58,720
30,000	32,000	4 2	125,040
32,000	34,000	6 3	194,820
34,000	36,000	0 0	0
36,000	38,000	2 1	72,900
38,000	40,000	0 0	0
40,000	42,000	0 0	0
42,000	44,000	6 3	257,900
44,000	46,000	0 0	0
46,000	48,000	6 3	281,680
48,000	50,000	4 2	195,920
50,000	55,000	0 0	0
55,000	99,999,999	29 15	2,949,600

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	28,000	34 17	236,180
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	0 0	0
32,000	34,000	0 0	0
34,000	36,000	0 0	0
36,000	38,000	2 1	74,440
38,000	40,000	0 0	0
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	2 1	91,560
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	2 1	102,180
55,000	99,999,999	4 2	547,140

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	28,000	28 14	146,560
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	0 0	0
32,000	34,000	2 1	64,160
34,000	36,000	2 1	71,740
36,000	38,000	0 0	0
38,000	40,000	0 0	0
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	2 1	96,020
50,000	55,000	2 1	108,520
55,000	99,999,999	8 4	1,007,820

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	28,000	30 15	155,260
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	2 1	63,940
32,000	34,000	0 0	0
34,000	36,000	0 0	0
36,000	38,000	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER

--- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
38,000	40,000	0 0	0
40,000	42,000	2 1	81,020
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	2 1	107,060
55,000	99,999,999	8 4	1,003,520

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER

--- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	28,000	32 16	222,550
28,000	29,000	0 0	0
29,000	30,000	2 1	59,080
30,000	32,000	0 0	0
32,000	34,000	0 0	0
34,000	36,000	0 0	0
36,000	38,000	0 0	0
38,000	40,000	0 0	0
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	4 2	179,740
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0
55,000	99,999,999	6 3	763,060

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER

--- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	28,000	34 17	158,620
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	0 0	0
32,000	34,000	0 0	0
34,000	36,000	2 1	68,260
36,000	38,000	0 0	0
38,000	40,000	2 1	79,840
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
55,000	99,999,999	6	994,680

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage	
0	28,000	36	18	122,280
28,000	29,000	0	0	0
29,000	30,000	0	0	0
30,000	32,000	0	0	0
32,000	34,000	0	0	0
34,000	36,000	0	0	0
36,000	38,000	0	0	0
38,000	40,000	0	0	0
40,000	42,000	2	1	83,760
42,000	44,000	2	1	87,540
44,000	46,000	0	0	0
46,000	48,000	2	1	95,720
48,000	50,000	0	0	0
50,000	55,000	0	0	0
55,000	99,999,999	2	1	136,200

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage	
0	28,000	34	17	207,540
28,000	29,000	0	0	0
29,000	30,000	0	0	0
30,000	32,000	2	1	60,880
32,000	34,000	0	0	0
34,000	36,000	0	0	0
36,000	38,000	2	1	75,900
38,000	40,000	0	0	0
40,000	42,000	0	0	0
42,000	44,000	2	1	84,060
44,000	46,000	2	1	91,500
46,000	48,000	0	0	0
48,000	50,000	0	0	0
50,000	55,000	0	0	0
55,000	99,999,999	2	1	178,200

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	28,000	32 16	108,820
28,000	29,000	2 1	57,360
29,000	30,000	0 0	0
30,000	32,000	0 0	0
32,000	34,000	2 1	67,700
34,000	36,000	0 0	0
36,000	38,000	0 0	0
38,000	40,000	2 1	76,020
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	2 1	89,800
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0
55,000	99,999,999	4 2	287,760

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	28,000	34 17	113,000
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	4 2	126,120
32,000	34,000	0 0	0
34,000	36,000	0 0	0
36,000	38,000	0 0	0
38,000	40,000	0 0	0
40,000	42,000	2 1	83,180
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0
55,000	99,999,999	4 2	333,900

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	28,000	34 17	131,480
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	0 0	0
32,000	34,000	2 1	67,040
34,000	36,000	2 1	68,700
36,000	38,000	0 0	0
38,000	40,000	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
40,000	42,000	2 1	83,240
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0
55,000	99,999,999	4 2	363,320

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	28,000	34 17	131,700
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	2 1	61,720
32,000	34,000	0 0	0
34,000	36,000	4 2	139,180
36,000	38,000	0 0	0
38,000	40,000	0 0	0
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0
55,000	99,999,999	4 2	329,860

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	28,000	38 19	152,520
28,000	29,000	0 0	0
29,000	30,000	0 0	0
30,000	32,000	2 1	61,860
32,000	34,000	0 0	0
34,000	36,000	2 1	68,140
36,000	38,000	0 0	0
38,000	40,000	0 0	0
40,000	42,000	0 0	0
42,000	44,000	0 0	0
44,000	46,000	0 0	0
46,000	48,000	0 0	0
48,000	50,000	0 0	0
50,000	55,000	0 0	0
55,000	99,999,999	2 1	174,400

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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Residential WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	28,000	1342	184,540,150
28,000	---	29,000	2	1,254,580
29,000	---	30,000	2	1,772,700
30,000	---	32,000	4	3,414,190
32,000	---	34,000	3	2,036,340
34,000	---	36,000	2	1,819,020
36,000	---	38,000	2	1,546,300
38,000	---	40,000	1	1,317,800
40,000	---	42,000	1	1,070,020
42,000	---	44,000	2	1,886,860
44,000	---	46,000	1	1,525,160
46,000	---	48,000	1	1,595,580
48,000	---	50,000	1	1,662,520
50,000	---	55,000	2	1,941,310
55,000	---	99,999,999	17	46,885,680

Commercial WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	28,000	17	1,886,510
28,000	---	29,000	0	57,360
29,000	---	30,000	0	59,080
30,000	---	32,000	1	374,520
32,000	---	34,000	0	198,900
34,000	---	36,000	1	416,020
36,000	---	38,000	0	150,340
38,000	---	40,000	0	155,860
40,000	---	42,000	0	331,200
42,000	---	44,000	0	171,600
44,000	---	46,000	1	452,600
46,000	---	48,000	0	95,720
48,000	---	50,000	0	96,020
50,000	---	55,000	0	317,760
55,000	---	99,999,999	2	6,109,860

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	28,000		186,426,660
28,000	---	29,000		1,311,940
29,000	---	30,000		1,831,700
30,000	---	32,000		3,788,710
32,000	---	34,000		2,235,240
34,000	---	36,000		2,235,040
36,000	---	38,000		1,696,640
38,000	---	40,000		1,473,660
40,000	---	42,000		1,401,220
42,000	---	44,000		2,058,460
44,000	---	46,000		1,977,760
46,000	---	48,000		1,691,300
48,000	---	50,000		1,758,540
50,000	---	55,000		2,259,070
55,000	---	99,999,999		52,995,540

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,735 ¹³⁶⁸	20,705,350
55,000	60,000	2	110,020
60,000	65,000	2	129,480
65,000	70,000	4 ²	269,840
70,000	75,000	2	149,040
75,000	80,000	4 ²	308,600
80,000	85,000	6 ³	491,240
85,000	90,000	0	0
90,000	95,000	2	186,040
95,000	100,000	2	196,800
100,000	110,000	0	0
110,000	120,000	0	0
120,000	130,000	2	245,700
130,000	140,000	2	266,320
140,000	99,999,999	4 ²	650,400

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,722 ¹³⁶¹	21,066,760
55,000	60,000	2	113,660
60,000	65,000	14 ⁷	879,920
65,000	70,000	2	130,840
70,000	75,000	2	144,240
75,000	80,000	2	154,900
80,000	85,000	0	0
85,000	90,000	0	0
90,000	95,000	4 ²	368,100
95,000	100,000	0	0
100,000	110,000	1	100,700
110,000	120,000	2	228,200
120,000	130,000	0	0
130,000	140,000	2	275,040
140,000	99,999,999	14 ⁷	2,830,940

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,708 ¹³⁵⁴	20,506,760
55,000	60,000	12 ⁶	696,520
60,000	65,000	6 ³	380,420
65,000	70,000	2	131,280
70,000	75,000	12 ⁶	874,160
75,000	80,000	6 ³	465,820
80,000	85,000	6 ³	491,700

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	4 2	518,700
130,000	140,000	2 1	273,400
140,000	99,999,999	9 5	1,791,000

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,732 ¹³⁶⁸	20,959,170
55,000	60,000	10 5	575,760
60,000	65,000	8 4	496,140
65,000	70,000	0 0	0
70,000	75,000	2 2	142,380
75,000	80,000	6 3	460,100
80,000	85,000	0 0	0
85,000	90,000	2 1	170,400
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	7 4	1,560,860

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,748 ¹³⁷⁴	18,293,760
55,000	60,000	6 3	344,560
60,000	65,000	0 0	0
65,000	70,000	2 1	131,840
70,000	75,000	2 1	141,600
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	2 1	237,020
120,000	130,000	0 0	0
130,000	140,000	2 1	268,760

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
140,000	99,999,999	5	1,264,640

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,740	1370 14,836,210
55,000	60,000	4 2	233,260
60,000	65,000	0 0	0
65,000	70,000	4 2	269,920
70,000	75,000	2 1	143,960
75,000	80,000	4 2	311,580
80,000	85,000	4 2	333,360
85,000	90,000	2 1	171,380
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	2 1	225,380
120,000	130,000	0 0	0
130,000	140,000	2 1	271,900
140,000	99,999,999	3 2	883,800

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,732	1300 16,342,570
55,000	60,000	2 1	119,020
60,000	65,000	4 2	242,680
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	4 2	310,380
80,000	85,000	2 1	165,380
85,000	90,000	0 0	0
90,000	95,000	2 1	189,680
95,000	100,000	0 0	0
100,000	110,000	2 1	211,380
110,000	120,000	2 1	230,800
120,000	130,000	0 0	0
130,000	140,000	2 1	260,400
140,000	99,999,999	15 8	3,593,700

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 08

Minimum	---	Maximum	#Cust	Total Usage	
0	---	55,000	2,738	1369 14,275,700	
55,000	---	60,000	2	1	113,840
60,000	---	65,000	6	3	380,720
65,000	---	70,000	0	0	0
70,000	---	75,000	2	1	148,660
75,000	---	80,000	2	1	155,580
80,000	---	85,000	2	1	165,840
85,000	---	90,000	0	0	0
90,000	---	95,000	0	0	0
95,000	---	100,000	0	0	0
100,000	---	110,000	2	1	210,000
110,000	---	120,000	0	0	0
120,000	---	130,000	2	1	242,940
130,000	---	140,000	2	1	277,060
140,000	---	99,999,999	9	5	1,995,900

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 09

Minimum	---	Maximum	#Cust	Total Usage	
0	---	55,000	2,740	1370 14,944,830	
55,000	---	60,000	4	2	234,000
60,000	---	65,000	2	1	126,940
65,000	---	70,000	0	0	0
70,000	---	75,000	4	2	289,800
75,000	---	80,000	0	0	0
80,000	---	85,000	0	0	0
85,000	---	90,000	2	1	175,260
90,000	---	95,000	0	0	0
95,000	---	100,000	2	1	196,520
100,000	---	110,000	2	1	205,200
110,000	---	120,000	0	0	0
120,000	---	130,000	2	1	254,400
130,000	---	140,000	0	0	0
140,000	---	99,999,999	9	5	3,435,840

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	---	Maximum	#Cust	Total Usage	
0	---	55,000	2,738	1369 16,199,470	
55,000	---	60,000	2	1	111,480
60,000	---	65,000	2	1	122,280
65,000	---	70,000	6	3	397,520
70,000	---	75,000	2	1	148,520
75,000	---	80,000	2	1	157,320
80,000	---	85,000	0	0	0
85,000	---	90,000	0	0	0

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
70,000	75,000	2 1	182,800
95,000	100,000	2 1	194,560
100,000	110,000	2 1	201,080
110,000	120,000	0 0	0
120,000	130,000	2 1	249,960
130,000	140,000	2 1	273,380
140,000	99,999,999	5 3	2,048,300

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,742 ¹³⁷¹	13,783,820
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	4 2	267,100
70,000	75,000	0 0	0
75,000	80,000	2 1	151,500
80,000	85,000	0 0	0
85,000	90,000	2 1	177,480
90,000	95,000	0 0	0
95,000	100,000	2 1	194,820
100,000	110,000	4 2	407,780
110,000	120,000	2 1	237,760
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	9 5	1,986,900

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	55,000	2,738 ¹³⁶⁹	15,468,130
55,000	60,000	2 1	118,580
60,000	65,000	8 4	498,900
65,000	70,000	2 1	137,860
70,000	75,000	2 1	144,180
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	2 1	171,500
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	6 3	620,860
110,000	120,000	2 1	228,900
120,000	130,000	0 0	0
130,000	140,000	2 1	279,900
140,000	99,999,999	3 2	748,920

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	55,000	40	504,360
55,000	60,000	0	0
60,000	65,000	2	125,540
65,000	70,000	0	0
70,000	75,000	0	0
75,000	80,000	0	0
80,000	85,000	0	0
85,000	90,000	0	0
90,000	95,000	0	0
95,000	100,000	0	0
100,000	110,000	0	0
110,000	120,000	0	0
120,000	130,000	0	0
130,000	140,000	0	0
140,000	99,999,999	2	421,600

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	55,000	36	487,000
55,000	60,000	0	0
60,000	65,000	2	120,500
65,000	70,000	2	138,540
70,000	75,000	0	0
75,000	80,000	0	0
80,000	85,000	0	0
85,000	90,000	0	0
90,000	95,000	0	0
95,000	100,000	0	0
100,000	110,000	0	0
110,000	120,000	2	221,380
120,000	130,000	0	0
130,000	140,000	0	0
140,000	99,999,999	2	527,400

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	55,000	36	407,280
55,000	60,000	0	0
60,000	65,000	2	120,900
65,000	70,000	0	0
70,000	75,000	4	285,620
75,000	80,000	0	0
80,000	85,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	2 1	597,000

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	55,000	38 19	461,370
55,000	60,000	2 1	119,020
60,000	65,000	0 0	0
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	2 1	192,040
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	2 1	452,000

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	55,000	38 19	306,720
55,000	60,000	2 1	119,340
60,000	65,000	2 1	120,140
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
140,000	99,999,999	2	745,200

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	55,000	42 21	389,300
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	2 1	136,200
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	55,000	42 21	517,880
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	2 1	178,200
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	55,000	40 20	399,700
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	2 1	135,000
70,000	75,000	0 0	0
75,000	80,000	2 1	152,760
80,000	85,000	0 0	0
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	55,000	40 20	322,300
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	2 1	163,200
85,000	90,000	2 1	170,700
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	55,000	40 20	350,460
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	2 1	177,000

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
90,000	95,000	2 1	186,320
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	55,000	40 20	332,600
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	4 2	329,860
85,000	90,000	0 0	0
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	55,000	42 21	282,520
55,000	60,000	0 0	0
60,000	65,000	0 0	0
65,000	70,000	0 0	0
70,000	75,000	0 0	0
75,000	80,000	0 0	0
80,000	85,000	0 0	0
85,000	90,000	2 1	174,400
90,000	95,000	0 0	0
95,000	100,000	0 0	0
100,000	110,000	0 0	0
110,000	120,000	0 0	0
120,000	130,000	0 0	0
130,000	140,000	0 0	0
140,000	99,999,999	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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Residential WATER SUMMARY PERIOD: 01 TO 12

Minimum	Maximum	#Cust	Total Usage
0	55,000	1367	207,382,530
55,000	60,000	2	2,770,700
60,000	65,000	2	3,257,480
65,000	70,000	1	1,736,200
70,000	75,000	1	2,326,540
75,000	80,000	1	2,475,780
80,000	85,000	1	1,647,520
85,000	90,000	0	866,020
90,000	95,000	0	926,620
95,000	100,000	0	782,700
100,000	110,000	1	1,957,000
110,000	120,000	1	1,390,060
120,000	130,000	1	1,511,700
130,000	140,000	1	2,446,160
140,000	99,999,999	4	22,791,200

Commercial WATER SUMMARY PERIOD: 01 TO 12

Minimum	Maximum	#Cust	Total Usage
0	55,000	20	4,763,490
55,000	60,000	1	238,360
60,000	65,000	1	487,080
65,000	70,000	0	409,740
70,000	75,000	0	285,620
75,000	80,000	0	152,760
80,000	85,000	0	493,060
85,000	90,000	0	700,300
90,000	95,000	0	186,320
95,000	100,000	0	192,040
100,000	110,000	0	0
110,000	120,000	0	221,380
120,000	130,000	0	0
130,000	140,000	0	0
140,000	99,999,999	1	2,743,200

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	55,000		212,146,020
55,000	---	60,000		3,009,060
60,000	---	65,000		3,744,560
65,000	---	70,000		2,145,940
70,000	---	75,000		2,612,160
75,000	---	80,000		2,628,540
80,000	---	85,000		2,140,580
85,000	---	90,000		1,566,320
90,000	---	95,000		1,112,940
95,000	---	100,000		974,740
100,000	---	110,000		1,957,000
110,000	---	120,000		1,611,440
120,000	---	130,000		1,511,700
130,000	---	140,000		2,446,160
140,000	---	99,999,999		25,534,400

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,763	23,058,430
140,000	150,000	2	289,000
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	0	0
180,000	190,000	2	361,400
190,000	200,000	0	0
200,000	210,000	0	0
210,000	220,000	0	0
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	0	0
300,000	350,000	0	0
350,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,753	23,462,360
140,000	150,000	2	292,900
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	2	340,800
180,000	190,000	0	0
190,000	200,000	0	0
200,000	210,000	2	417,880
210,000	220,000	4	854,120
220,000	230,000	2	440,020
230,000	240,000	0	0
240,000	250,000	2	485,220
250,000	300,000	0	0
300,000	350,000	0	0
350,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,758	24,338,760
140,000	150,000	2	283,680
150,000	160,000	2	302,820
160,000	170,000	2	321,800
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	1 1	241,100
250,000	300,000	0 0	0
300,000	350,000	2 1	641,600
350,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,760 ¹³⁸⁰	22,803,950
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	1 1	172,200
180,000	190,000	2 1	373,600
190,000	200,000	2 1	399,260
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	2 1	615,800
350,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,762 ¹³⁸¹	19,419,540
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	2 1	348,540
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	1 1	218,500
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	2 1	697,600

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
350,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,764	1382 16,796,950
140,000	150,000	0	0
150,000	160,000	0	0
160,000	170,000	1	168,000
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0
200,000	210,000	0	0
210,000	220,000	0	0
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	0	0
300,000	350,000	0	0
350,000	99,999,999	2	715,800

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,752	1376 18,072,290
140,000	150,000	4	590,820
150,000	160,000	0	0
160,000	170,000	2	333,980
170,000	180,000	0	0
180,000	190,000	1	186,000
190,000	200,000	2	384,660
200,000	210,000	0	0
210,000	220,000	0	0
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	2	544,000
300,000	350,000	0	0
350,000	99,999,999	4	1,554,240

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,758 ¹³⁷⁵	15,970,340
140,000	150,000	2 1	295,020
150,000	160,000	2 1	314,580
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	1 1	249,000
250,000	300,000	4 2	1,137,300
300,000	350,000	0 0	0
350,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,758 ¹³⁷⁹	16,426,950
140,000	150,000	0 0	0
150,000	160,000	4 2	624,280
160,000	170,000	0 0	0
170,000	180,000	2 1	344,460
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	2 1	428,600
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	0 0	0
350,000	99,999,999	1 1	2,038,500

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,762 ¹³⁸¹	18,238,370
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	1 1	272,400
300,000	350,000	0 0	0
350,000	99,999,999	4 2	1,775,900

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,758 ¹³⁷⁹	15,220,260
140,000	150,000	2 1	283,280
150,000	160,000	2 1	307,200
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	2 1	489,600
250,000	300,000	2 1	566,720
300,000	350,000	1 1	340,100
350,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	140,000	2,764 ¹³⁸²	17,668,810
140,000	150,000	0 0	0
150,000	160,000	2 1	301,620
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	0 0	0
350,000	99,999,999	1 1	447,300

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	140,000	42	21 629,900
140,000	150,000	0	0
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0
200,000	210,000	0	0
210,000	220,000	2	1 421,600
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	0	0
300,000	350,000	0	0
350,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	140,000	42	21 967,420
140,000	150,000	0	0
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0
200,000	210,000	0	0
210,000	220,000	0	0
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	2	1 527,400
300,000	350,000	0	0
350,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	140,000	42	21 813,800
140,000	150,000	0	0
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER

--- PERIOD: 03

Minimum	---	Maximum	#Cust	Total Usage	
200,000		210,000	0	0	
210,000	---	220,000	0	0	
220,000	---	230,000	0	0	
230,000	---	240,000	0	0	
240,000	---	250,000	0	0	
250,000	---	300,000	2	1	597,000
300,000	---	350,000	0	0	0
350,000	---	99,999,999	0	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER

--- PERIOD: 04

Minimum	---	Maximum	#Cust	Total Usage	
0		140,000	42	21	772,430
140,000	---	150,000	0	0	0
150,000	---	160,000	0	0	0
160,000	---	170,000	0	0	0
170,000	---	180,000	0	0	0
180,000	---	190,000	0	0	0
190,000	---	200,000	0	0	0
200,000	---	210,000	0	0	0
210,000	---	220,000	0	0	0
220,000	---	230,000	2	1	452,000
230,000	---	240,000	0	0	0
240,000	---	250,000	0	0	0
250,000	---	300,000	0	0	0
300,000	---	350,000	0	0	0
350,000	---	99,999,999	0	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER

--- PERIOD: 05

Minimum	---	Maximum	#Cust	Total Usage	
0		140,000	42	21	546,200
140,000	---	150,000	0	0	0
150,000	---	160,000	0	0	0
160,000	---	170,000	0	0	0
170,000	---	180,000	0	0	0
180,000	---	190,000	0	0	0
190,000	---	200,000	0	0	0
200,000	---	210,000	0	0	0
210,000	---	220,000	0	0	0
220,000	---	230,000	0	0	0
230,000	---	240,000	0	0	0
240,000	---	250,000	0	0	0
250,000	---	300,000	0	0	0
300,000	---	350,000	0	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
350,000	99,999,999	2	745,200

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	140,000	44	22 525,500
140,000	150,000	0	0
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0
200,000	210,000	0	0
210,000	220,000	0	0
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	0	0
300,000	350,000	0	0
350,000	99,999,999	0	6 0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	140,000	44	22 698,080
140,000	150,000	0	0
150,000	160,000	0	0
160,000	170,000	0	0
170,000	180,000	0	0
180,000	190,000	0	0
190,000	200,000	0	0
200,000	210,000	0	0
210,000	220,000	0	0
220,000	230,000	0	0
230,000	240,000	0	0
240,000	250,000	0	0
250,000	300,000	0	0
300,000	350,000	0	0
350,000	99,999,999	0	6 0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	140,000	44 22	687,460
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 00	0
240,000	250,000	0 00	0
250,000	300,000	0 00	0
300,000	350,000	0 00	0
350,000	99,999,999	0 00	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	140,000	44 22	656,200
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 00	0
230,000	240,000	0 00	0
240,000	250,000	0 00	0
250,000	300,000	0 00	0
300,000	350,000	0 00	0
350,000	99,999,999	0 00	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	140,000	44 22	713,780
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 00	0
190,000	200,000	0 00	0
200,000	210,000	0 00	0

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	0 0	0
350,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	140,000	44 22	662,460
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	0 0	0
350,000	99,999,999	0 0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	140,000	44 22	456,920
140,000	150,000	0 0	0
150,000	160,000	0 0	0
160,000	170,000	0 0	0
170,000	180,000	0 0	0
180,000	190,000	0 0	0
190,000	200,000	0 0	0
200,000	210,000	0 0	0
210,000	220,000	0 0	0
220,000	230,000	0 0	0
230,000	240,000	0 0	0
240,000	250,000	0 0	0
250,000	300,000	0 0	0
300,000	350,000	0 0	0
350,000	99,999,999	0 0	0

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LEXINGTON-SOUTH ELKHORN WATER
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Residential WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	140,000	1379	231,477,010
140,000	---	150,000	1	2,034,700
150,000	---	160,000	1	1,850,500
160,000	---	170,000	0	823,780
170,000	---	180,000	0	1,206,000
180,000	---	190,000	0	921,000
190,000	---	200,000	0	783,920
200,000	---	210,000	0	417,880
210,000	---	220,000	0	1,501,220
220,000	---	230,000	0	440,020
230,000	---	240,000	0	0
240,000	---	250,000	0	1,464,920
250,000	---	300,000	0	2,520,420
300,000	---	350,000	0	2,295,100
350,000	---	99,999,999	1	6,531,740

Commercial WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	140,000	22	8,130,150
140,000	---	150,000	0	0
150,000	---	160,000	0	0
160,000	---	170,000	0	0
170,000	---	180,000	0	0
180,000	---	190,000	0	0
190,000	---	200,000	0	0
200,000	---	210,000	0	0
210,000	---	220,000	0	421,600
220,000	---	230,000	0	452,000
230,000	---	240,000	0	0
240,000	---	250,000	0	0
250,000	---	300,000	0	1,124,400
300,000	---	350,000	0	0
350,000	---	99,999,999	0	745,200

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LEXINGTON-SOUTH ELKHORN WATER
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WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	140,000		239,607,160
140,000	---	150,000		2,034,700
150,000	---	160,000		1,850,500
160,000	---	170,000		823,780
170,000	---	180,000		1,206,000
180,000	---	190,000		921,000
190,000	---	200,000		783,920
200,000	---	210,000		417,880
210,000	---	220,000		1,922,820
220,000	---	230,000		892,020
230,000	---	240,000		0
240,000	---	250,000		1,464,920
250,000	---	300,000		3,644,820
300,000	---	350,000		2,295,100
350,000	---	99,999,999		7,276,940

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	23,708,830
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	26,293,300
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	26,129,760
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	24,364,810
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER

--- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	20,684,180
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,765 ¹³⁸³	16,964,950
350,000	400,000	2 ¹	715,800
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,763 ¹³⁸²	20,111,750
350,000	400,000	4 ²	1,554,240
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 08

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	17,966,240
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 09

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,766 ¹³⁸³	17,824,290
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	1	2,038,500

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,763 ¹³⁸²	18,510,770
350,000	400,000	0	0
400,000	450,000	2	843,100
450,000	500,000	2	932,800
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0

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District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,767 ¹³⁸⁴	17,207,160
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Residential --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	350,000	2,766 ¹³⁸³	17,970,430
350,000	400,000	0	0
400,000	450,000	1	447,300
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

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LEXINGTON-SOUTH ELKHORN WATER
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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 01

Minimum	Maximum	#Cust	Total Usage
0	350,000	44 22	1,051,500
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 02

Minimum	Maximum	#Cust	Total Usage
0	350,000	44 22	1,494,820
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
0	350,000	44 22	1,410,800
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 03

Minimum	Maximum	#Cust	Total Usage
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 04

Minimum	Maximum	#Cust	Total Usage
0	350,000	44 22	1,224,430
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
0	350,000	42 21	546,200
350,000	400,000	2 1	745,200
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 05

Minimum	Maximum	#Cust	Total Usage
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 06

Minimum	Maximum	#Cust	Total Usage
0	350,000	44	22 525,500
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 07

Minimum	Maximum	#Cust	Total Usage
0	350,000	44	22 698,080
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 08

Minimum	---	Maximum	#Cust	Total Usage
0		350,000	44	22 687,460
350,000	---	400,000	0	0
400,000	---	450,000	0	0
450,000	---	500,000	0	0
500,000	---	550,000	0	0
550,000	---	600,000	0	0
600,000	---	650,000	0	0
650,000	---	700,000	0	0
700,000	---	750,000	0	0
750,000	---	800,000	0	0
800,000	---	850,000	0	0
850,000	---	900,000	0	0
900,000	---	950,000	0	0
950,000	---	1,000,000	0	0
1,000,000	---	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 09

Minimum	---	Maximum	#Cust	Total Usage
0	---	350,000	44	22 656,200
350,000	---	400,000	0	0
400,000	---	450,000	0	0
450,000	---	500,000	0	0
500,000	---	550,000	0	0
550,000	---	600,000	0	0
600,000	---	650,000	0	0
650,000	---	700,000	0	0
700,000	---	750,000	0	0
750,000	---	800,000	0	0
800,000	---	850,000	0	0
850,000	---	900,000	0	0
900,000	---	950,000	0	0
950,000	---	1,000,000	0	0
1,000,000	---	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	---	Maximum	#Cust	Total Usage
0	---	350,000	44	22 713,780
350,000	---	400,000	0	0
400,000	---	450,000	0	0
450,000	---	500,000	0	0
500,000	---	550,000	0	0
550,000	---	600,000	0	0
600,000	---	650,000	0	0
650,000	---	700,000	0	0

10/18/96
12:09:21

LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

PAGE 10
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District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 10

Minimum	Maximum	#Cust	Total Usage
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 11

Minimum	Maximum	#Cust	Total Usage
0	350,000	44	22 662,460
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

District: 01 LEXINGTON-SOUTH ELKHORN

Commercial --- WATER --- PERIOD: 12

Minimum	Maximum	#Cust	Total Usage
0	350,000	44	22 456,920
350,000	400,000	0	0
400,000	450,000	0	0
450,000	500,000	0	0
500,000	550,000	0	0
550,000	600,000	0	0
600,000	650,000	0	0
650,000	700,000	0	0
700,000	750,000	0	0
750,000	800,000	0	0
800,000	850,000	0	0
850,000	900,000	0	0
900,000	950,000	0	0
950,000	1,000,000	0	0
1,000,000	99,999,999	0	0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

PAGE 11
MUUB230

Residential WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	350,000	1383	247,736,470
350,000	---	400,000	0	2,270,040
400,000	---	450,000		1,290,400
450,000	---	500,000		932,800
500,000	---	550,000		0
550,000	---	600,000		0
600,000	---	650,000		0
650,000	---	700,000		0
700,000	---	750,000		0
750,000	---	800,000		0
800,000	---	850,000		0
850,000	---	900,000		0
900,000	---	950,000		0
950,000	---	1,000,000		0
1,000,000	---	99,999,999		2,038,500

Commercial WATER SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	350,000	22	10,128,150
350,000	---	400,000	0	745,200
400,000	---	450,000		0
450,000	---	500,000		0
500,000	---	550,000		0
550,000	---	600,000		0
600,000	---	650,000		0
650,000	---	700,000		0
700,000	---	750,000		0
750,000	---	800,000		0
800,000	---	850,000		0
850,000	---	900,000		0
900,000	---	950,000		0
950,000	---	1,000,000		0
1,000,000	---	99,999,999		0

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LEXINGTON-SOUTH ELKHORN WATER
CONSUMPTION ANALYSIS

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WATER

SUMMARY PERIOD: 01 TO 12

Minimum	---	Maximum	#Cust	Total Usage
0	---	350,000		257,864,620
350,000	---	400,000		3,015,240
400,000	---	450,000		1,290,400
450,000	---	500,000		932,800
500,000	---	550,000		0
550,000	---	600,000		0
600,000	---	650,000		0
650,000	---	700,000		0
700,000	---	750,000		0
750,000	---	800,000		0
800,000	---	850,000		0
850,000	---	900,000		0
900,000	---	950,000		0
950,000	---	1,000,000		0
1,000,000	---	99,999,999		2,038,500

APPENDIX C

Water Purchase Contract

LSEWD and City of Nicholasville

WATER PURCHASE CONTRACT

This contract for the sale and purchase of water is entered into as of the 22 day of August, 19 96, between the City of Nicholasville, a Kentucky Municipal Corporation of the third class in Jessamine County, KY, 517 N Main St. Nicholasville, KY. 40356,
(Address)

hereinafter referred to as the "Seller" and the Lexington-South Elkhorn Water District, a Kentucky rural water district, 200 W. Maple Street, Nicholasville, KY. 40356,
(Address)

hereinafter referred to as the "Purchaser",

WITNESSETH:

Whereas, the Purchaser is organized and established under the provisions of Chapter 74 of the ~~XXXXX~~ Kentucky Revised Statutes, for the purpose of constructing and operating a water supply distribution system serving water users within the area described in Exhibit "A" attached ~~to the Charter of the Purchaser~~ and to accomplish this purpose, the Purchaser will require a supply of treated water, and

Whereas, the Seller owns and operates a water supply distribution system with a capacity currently capable of serving the present customers of the Seller's system and the estimated number of water users to be served by the said Purchaser as shown in the plans of the system ~~now on file with the Purchaser~~, and

Whereas, by passage of Resolution No. _____ enacted on the _____ day of August, 19 96, by the Seller, the sale of water to the Purchaser in accordance with the provisions of the said Water Purchase Contract was approved, and the execution of this contract carrying out the said provisions by the Mayor, and attested by the Secretary, was duly authorized, and

Whereas, by Motion of the Board of Commissioners of the Purchaser, enacted on the _____ day of _____, 19 _____, the purchase of water from the Seller in accordance with the terms set forth in the said Water Purchase Contract was approved, and the execution of this contract by the Chairman, and attested by the Secretary was duly authorized;

Now, therefore, in consideration of the foregoing and the mutual agreements hereinafter set forth,

A. The Seller Agrees:

1. (Quality and Quantity) To furnish the Purchaser, which Purchaser agrees to buy ~~and to operate and deliver to the Purchaser~~, during the term of this contract or any renewal or extension thereof, all ~~potable~~ treated water meeting applicable purity standards of the Natural Resources & Environmental Protection Cabinet's Division of Water

in such quantity as ~~may be~~ required by the Purchaser ~~to serve the territory it is annexing on the east side of Jessamine County, Kentucky, as described in Exhibit "A" attached.~~ to serve the territory it is annexing on the east side of Jessamine County, Kentucky, as described in Exhibit "A" attached.

s further mutually agreed between the Seller and the Purchaser as follows:

1. (Term of Contract) That this contract shall extend for a term of 45 years from the date of the initial delivery of any water as shown by the first bill submitted by the Seller to the Purchaser and, thereafter may be renewed or extended for such term, or terms, as may be agreed upon by the Seller and Purchaser.

2. (Delivery of Water) That thirty (30) days prior to the estimated date of completion of construction of the Purchaser's water supply distribution system, the Purchaser will notify the Seller in writing the date for the initial delivery of water.

3. (Water for Testing) When requested by the Purchaser the Seller will make available to the contractor at the point of delivery, or other point reasonably close thereto, water sufficient for testing, flushing, and trench filling the system of the Purchaser during construction, ~~at no cost to the Seller~~ the metering equipment has been installed at that time, ~~and~~ provided ~~the charges for~~ prevailing rates which will be paid by the contractor or, on his failure to pay, by the Purchaser.

4. (Failure to Deliver) That the Seller will, at all times, operate and maintain its system in an efficient manner and will take such action as may be necessary to furnish the Purchaser with quantities of water required by the Purchaser. Temporary or partial failures to deliver water shall be remedied with all possible dispatch. In the event of an extended shortage of water, or the supply of water available to the Seller is otherwise diminished over an extended period of time, the supply of water to Purchaser's consumers shall be reduced or diminished in the same ratio or proportion as the supply to Seller's consumers is reduced or diminished.

5. (Modification of Contract) That the provisions of this contract pertaining to the schedule of rates to be paid by the Seller subject to PSC requirements and the restrictions imposed herein. the Purchaser for water delivered are subject to modification at the end of every one (1) year period/ Any increase or decrease in rates shall be based on a demonstrable increase or decrease in the costs of performance hereunder, but such costs shall not include increased capitalization of the Seller's system. Other provisions of this contract may be modified or altered by mutual agreement.

6. (Regulatory Agencies) That this contract is subject to such rules, regulations, or laws as may be applicable to similar agreements in this State and the Seller and Purchaser will collaborate in obtaining such permits, certificates, or the like, as may be required to comply therewith.

7. (Miscellaneous) That the construction of the water supply distribution system by the Purchaser is being financed by a loan made or insured by, and/or a grant from, the United States of America, acting through the Farmers Home Administration of the United States Department of Agriculture, and the provisions hereof pertaining to the undertakings of the Purchaser are conditioned upon the approval, in writing, of the State Director of the Farmers Home Administration.

8. (Successor to the Purchaser) That in the event of any occurrence rendering the Purchaser incapable of performing under this contract, any successor of the Purchaser, whether the result of legal process, assignment, or otherwise, shall succeed to the rights of the Purchaser hereunder.

9. (Option to Purchase) Should Purchaser determine that the system, as contained in the area described in Exhibit "A" attached hereto, is for sale, then the Seller shall have the right of first refusal for acquisition of all retail service rights, easements, rights-of-way, and all other assets (fixed or otherwise) within the system as described. Seller shall be notified in writing by Purchaser of any bona fide offer Purchaser may have and Seller shall have 120 days thereafter to meet such offer. If Seller does not sign a binding contract to purchase, without condition and within the allotted time, squarely matching the other offer, then Seller's right of first refusal shall automatically expire.

10. If the Purchaser is unable to obtain the RECD loan and the grant from HUD under its CDBG program within five (5) years from the date of this contract, Seller and Purchaser agree that both of them shall be automatically released from their obligations hereunder and this contract shall become void.

11. The Purchaser agrees to buy, during the term of this Contract, or any renewal or extension thereof, all potable, treated water, meeting applicable purity standards of the Natural Resources & Environmental Protection Cabinet's Division of Water in such quantity as is required to serve the territory it is annexing on the east side of Jessamine County, Kentucky, as described in Exhibit "A" attached.

ness whereof, the parties hereto, acting under authority of their respective governing bodies, have caused this contract
be duly executed in three (3) counterparts, each of which shall constitute an original.

Seller:

CITY OF NICHOLASVILLE

By Jim E. Cornman

Title Mayor, City of Nicholasville

Attest:

Bonnie Dean
CITY CLERK ~~XXXXXXXX~~

Purchaser:

LEXINGTON-SOUTH ELKHORN WATER DISTRICT

By Jim M. Brown

Title Chairman

Attest:

Jim M. Brown
Secretary

This contract is approved on behalf of the Farmers Home Administration this _____ day of _____,

19 _____.

By _____

Title _____

Southeasterly Service Area

Beginning at a point in the centerline of Chrisman Mill Road (KY 1541), said point being the northwesterly corner of PVA Parcel 071-00-00-028.00, thence easterly with the centerline of Chrisman Mill Road to the intersection of Cobb Lane, excluding PVA Parcels 083-00-00-006.00, 083-00-00-012.00 thru 083-00-00-012.02, situated westerly of Chrisman Mill Road between Logana Road and Cobb Lane, thence with the centerline of Cobb Lane to a point being due north of the northeasterly corner of PVA Parcel 083-00-00-025.01, thence due south to the northeasterly corner of PVA Parcel 083-00-00-025.01, thence southerly with the easterly property line of PVA Parcel 083-00-00-025.01 to a point in the northerly property line of PVA Parcel 092-00-00-019.00, thence easterly with the northerly property line of PVA Parcel 092-00-00-019.00 and continuing with the northerly and easterly property line of PVA Parcel 092-00-00-020.00 to the southeasterly corner of PVA Parcel 092-00-00-020.00, thence with the northerly property line of PVA Parcels 093-00-00-001.00, 093-00-00-004.00 thru 093-00-00-006.00, 093-00-00-013.00 thru 093-00-00-015.00 in a easterly direction to a point on the northerly line of PVA Parcel 093-00-00-022.00, thence with the north property line of PVA Parcel 093-00-00-022.00 in a easterly direction to the centerline of the Kentucky River, thence with the meanders of the Kentucky River in a westerly direction to Hickman Creek, thence northerly with the centerline of Hickman Creek to the southerly most corner of PVA Parcel 050-00-00-033.00, thence with the westerly property line of PVA Parcel 050-00-00-033.00 in a northeasterly direction to the southwest corner of PVA Parcel 050-00-00-032.00, thence with the westerly and northerly property line of PVA Parcel 050-00-00-032.00 to the southwest corner of PVA Parcel 050-00-00-031.00, thence with the westerly property line of PVA Parcel 050-00-00-031.00 to the centerline of Sugar Creek (KY 1268), thence northerly with the centerline of Sugar Creek Road to the northwesterly corner of PVA Parcel 050-00-00-037.00, thence leaving Sugar Creek Road and continuing with the northerly property line of PVA Parcel 050-00-00-037.00 to the centerline of Hickman Creek, thence northerly with Hickman Creek to the westerly most corner of PVA Parcel 062-00-00-003.00, thence northeasterly along the property line of PVA Parcel 062-00-00-003.00 to a point in the centerline of Hickman Creek, thence northerly with the meanders of Hickman Creek to the south property line of PVA Parcel 061-00-00-019.00, thence leaving Hickman Creek and continuing with the southerly property line of PVA Parcels 061-00-00-019.00 and 061-00-00-015.00 to the southwest corner of PVA Parcel 061-00-00-015.00, thence northerly with the westerly property line of PVA Parcel 061-00-00-015.00 extended to the centerline of Watts Mill Road, thence northeasterly with the centerline of Watts Mill Road to the southern most corner of PVA Parcel 061-00-00-013.00, thence

SERVICE AREA #1

leaving Watts Mill Road and continuing northwesterly with the property line of PVA Parcel 061-00-00-013.00 to the centerline of Sugar Creek Road (KY 1268), thence with the centerline of Sugar Creek Road to the westerly most corner of PVA Parcel 061-00-00-013.00, thence leaving Sugar Creek Road in a northeasterly direction along the northwesterly property line of PVA Parcels 061-00-00-013.00, 061-00-00-010.00 and 061-00-00-009.00, thence easterly with the north property line of PVA Parcel 061-00-00-009.00 and continuing with the north property line of PVA Parcel 061-00-00-007.00 to the northerly most corner of PVA Parcel 061-00-00-007.00, said point being on the southwesterly line of PVA Parcel 061-00-00-005.00, thence northwesterly and northeasterly with the property line of PVA Parcel 061-00-00-005.00 to the northerly most corner of PVA Parcel 061-00-00-005.00, said point being on the southwesterly line of PVA Parcel 060-00-00-035.00, thence northwesterly along the property line of PVA Parcel 060-00-00-035.00 to a point, said point being a southwesterly projection of the common property line of PVA Parcels 060-00-00-035.00 and 060-00-00-026.00, thence northeasterly along said projected property line to the centerline of Sulphur Well Road (KY 39), said point being the northeasterly corner of PVA Parcel 060-00-00-035.00, thence southerly along the centerline of Sulphur Well Road to the northerly property line of PVA Parcel 060-00-00-036.00, thence leaving Sulphur Well Road and continuing along the northerly property line of PVA Parcel 060-00-00-036.00 to the northerly most corner of PVA Parcel 060-00-00-036.00, thence southerly along the property line of PVA Parcel 060-00-00-036.00 to a point on the northerly line of PVA Parcel 072-00-00-013.01, thence with the northerly property line of PVA Parcel 072-00-00-013.01 and continuing with the northerly and easterly property line of PVA Parcel 072-00-00-013.00, said point being on the northerly property line of PVA Parcel 072-00-00-014.00, thence with the northerly and easterly property line of PVA Parcel 072-00-00-014.00 in a southerly direction to the southwesterly corner of Elmwood Estates, thence with the southerly and easterly boundary of Elmwood Estates to the centerline of Elm Fork Road, thence northwesterly along the centerline of Elm Fork Road to the intersection of Feck Lane, thence northeasterly with the centerline of Feck Lane to the westerly property line of PVA Parcel 072-00-00-045.00, thence leaving Feck Lane and continuing with the westerly and northerly line of PVA Parcel 072-00-00-045.00 to a point in the westerly property line of PVA Parcel 072-00-00-052.00, thence northerly with westerly property line of PVA Parcel 072-00-00-052.00 to a point on the southerly property line of PVA Parcel 072-00-00-024.00, thence with the southerly and westerly property line of PVA Parcel 072-00-00-024.00 to the southeasterly corner of PVA Parcel 072-00-00-021.00, thence westerly with the southerly property line of PVA Parcel 072-00-00-021.00 and continuing with the southerly property line of PVA Parcel 071-00-00-043.00 to the southwesterly most corner of PVA parcel 071-00-00-043.00, thence in a northeasterly direction along the property line of PVA parcel 071-00-00-043.00 projected to the southeasterly corner of PVA Parcel 071-00-00-030.01, thence northwesterly along the southerly property line of PVA Parcel 071-00-00-030.01 and continuing along the southerly and westerly property line of PVA Parcel 071-00-00-028.00 to the point of beginning. Southeasterly Service Area amended by deletion of Areas 5 & 6 as described hereon.

LEXINGTON-SOUTH ELKHORN WATER DISTRICT
200 West Maple
Nicholasville, Kentucky 40356
Phone: (606) 885-9314

September 4, 1996

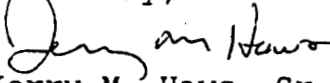
Mayor Sam Corman
City of Nicholasville
517 N. Main St.
Nicholasville, KY. 40356

RE: Water Purchase Contract
Dated August 22, 1996

Dear Mayor Corman:

This letter will confirm the commitment of the Lexington-South Elkhorn Water District, by and through its Board of Commissioners, as expressed by our counsel at the meeting on August 22, 1996, of the Nicholasville City Commission, that if and when the Jessamine County Judge/Executive enters an order annexing to the territory of the Lexington-South Elkhorn Water District Service Areas 2, 3, and 4 (see descriptions attached hereto), more commonly known as the Beaumont Road, Marble Creek Lane, and the McGee Lane-Phillips Lane-Crenshaw Lane service areas, then, and in that event, the Water District will execute the documents necessary to make said areas subject to the Water Purchase Contract dated August 22, 1996.

Sincerely,


Jerry M. Haws, Sr.
Chairman

cc: Hon. William Neal Cassity

E:\Bruce\lsewd\corman.ltr:sbt

Service Area 2
Beaumont Road Service Area

Beginning at the intersection of Beaumont Road and Vince Road, thence in an easterly direction with the centerline of Beaumont Road to the southerly property line of PVA Parcel 080-00-00-012.00, thence leaving Beaumont Road and continuing with the southerly property line of PVA Parcel 080-00-00-012.00 to the center of Hickman Creek, thence with the center of Hickman Creek in a northerly direction to the southeasterly corner of PVA Parcel 080-00-003.00, thence leaving Hickman Creek and continuing with the easterly line of PVA Parcel 080-00-00-003.00 to the southeasterly corner of PVA Parcel 079-00-00-028.00, thence with the easterly line of PVA Parcel 079-00-00-028.00 to the centerline of Beaumont Road, thence westerly with the centerline of Beaumont Road to the easterly property line of PVA Parcel 079-00-00-018.09, thence leaving Beaumont Road and continuing with the easterly property line of PVA Parcel 079-00-00-018.09 to the northeasterly corner of PVA Parcel 079-00-00-018.09, thence westerly with the north property line of PVA Parcel 079-00-00-018.09 and continuing with the north property line of PVA Parcel 079-00-00-018.10 to the southeasterly corner of PVA Parcel 079-00-00-043.00, thence northerly with the easterly property line of PVA Parcel 079-00-00-043.00 to the southwesterly corner of PVA Parcel 079-00-00-018.00, thence leaving the property line of PVA Parcel 079-00-00-043.00 and continuing with the southerly and easterly property line of PVA Parcel 079-00-00-018.00 to the northeasterly corner of PVA Parcel 079-00-00-018.00, thence with the north property line of PVA Parcel 079-00-00-018.00 and continuing with the north property line of PVA Parcel 079-00-00-043.00 to the centerline of West Lane, thence with the centerline of West Lane in a north, northwesterly direction to the eastern boundary of Jessamine County Water District No. 1, thence with said easterly boundary in a southerly direction to the centerline of Vince Road, thence with the centerline of Vince Road in a southerly direction to the point of beginning.

Service Area 3

Marble Creek Lane Service Area

Beginning at a point in the centerline of Marble Creek Lane, being the northeasterly corner of PVA Parcel 091-00-00-002.00, thence in a northeasterly direction, offset and parallel to the centerline of Logana Road to a point in the northerly property line of PVA Parcel 090-00-00-018.00, thence easterly with the northerly property line of PVA Parcel 090-00-00-018.00 to the northeasterly corner of PVA Parcel 090-00-00-018.00, said point being in the westerly line of PVA Parcel 098-00-00-012.00, thence northerly with the westerly line of PVA Parcel 098-00-00-012.00 and continuing with the westerly line of PVA Parcel 098-00-00-038.00 to the northwesterly corner of PVA Parcel 098-00-00-038.00, thence easterly with the northerly property line of PVA Parcel 098-00-00-038.00 to the northeasterly corner of PVA Parcel 098-00-00-038.00, thence with the easterly property line of PVA Parcel 098-00-00-038.00 and continuing with the easterly and southerly property line of PVA Parcel 098-00-00-037.00 to a point in the centerline of Marble Creek, thence southerly with the meanders of Marble Creek to the Kentucky River, thence westerly with the Kentucky River to the southwesterly property corner of PVA Parcel 091-00-00-001.00, thence northerly with the westerly property line of PVA Parcel 091-00-00-001.00 to the southwesterly corner of PVA Parcel 091-00-00-003.00, thence with the southerly property line of PVA Parcel 091-00-00-003.00 and continuing with the southerly and easterly property line of PVA Parcel 091-00-00-002.00 to the point of beginning.

Exhibit B
Service Area 4

Sheet 6

Megee Lane No. 1, Phillips Lane & Crenshaw Lane
Service Area

Beginning at a point in the centerline of Crenshaw Lane, said point being the southeasterly corner of PVA Parcel 036-00-00-025.00, thence with the centerline of Crenshaw Lane in a southerly direction to the northwesterly corner of PVA Parcel 037-00-00-007.00, thence leaving Crenshaw Lane in an easterly direction with the north property line of PVA Parcel 037-00-00-007.00, thence continuing with the easterly and southerly line of PVA Parcel 037-00-00-007.00 to the southwesterly corner of PVA Parcel 037-00-00-007.00, said point being on the easterly property line of PVA Parcel 037-00-00-008.00, thence with the easterly and southerly line of PVA Parcel 037-00-00-008.00 to a point on the northerly line of PVA Parcel 037-00-00-012.00, thence easterly with the northerly property line of PVA Parcel 037-00-00-012.00 and continuing with the northerly property line of PVA Parcel 037-00-00-017.00 to the northeasterly corner of PVA Parcel 037-00-00-017.00, thence southerly to the southeasterly corner of PVA Parcel 037-00-00-017.00, said point being on the northerly property line of PVA Parcel 037-00-00-019.00, thence easterly to the northeasterly corner of PVA Parcel 037-00-00-019.00, thence in a southwesterly direction along the easterly property line of PVA Parcels 037-00-00-019.00, 037-00-00-020.00, and 037-00-00-023.00 thru 037-00-00-027.00 to a point, thence in a southeasterly direction along the easterly property line of PVA Parcels 037-00-00-027.00 and 037-00-00-028.00 to the southeasterly corner of PVA Parcel 037-00-00-028.00, thence with the northerly and easterly line of PVA Parcel 037-00-00-047.00 and continuing with the easterly property line of PVA Parcel 037-00-00-046.01 extended to the center of the Kentucky River, thence westerly with the center of Kentucky River to the center of Jessamine Creek, thence with the meanders of Jessamine Creek in a northerly direction to the northwesterly corner of PVA Parcel 037-00-00-034.00, thence with the northerly property line of PVA Parcel 037-00-00-034.00 and continuing with the northerly line of PVA Parcel 037-00-00-013.00 in a northeasterly direction to the southwesterly corner of PVA Parcel 036-00-00-022.00, thence with the westerly and northerly property line of PVA Parcel 036-00-00-022.00 to a point in the center of Phillips Lane, thence in a southeasterly direction, being a projection of the common property line of PVA Parcels 036-00-00-019.00 and 036-00-00-022.00 to a point in the easterly property line of PVA Parcel 036-00-00-041.00, thence southerly with the easterly and southerly property line of PVA Parcel 036-00-00-041.00 to the northwesterly corner of PVA Parcel 036-00-00-025.00, thence with the northerly, westerly and southerly property line of PVA Parcel 036-00-00-025.00 to the point of beginning in the centerline of Crenshaw Lane.

MUTUAL RELEASE

The undersigned by their signatures inscribed below, being duly authorized by at least a majority vote of both the Board of Commissioners and the City Commission, hereby mutually and fully release both the City of Nicholasville and the Lexington-South Elkhorn Water District from their obligations to each other under that certain agreement between them known as the "Wholesale Water Contract" which is dated June 23, 1993.

Lexington-South Elkhorn Water District

Dated: 8/22/96

By: [Signature]
Chairman

City of Nicholasville

Dated: 8/22/96

By: [Signature]
Mayor

APPENDIX D

Hydraulic Calculations

```

***** K Y P I P E 3 *****
* University of Kentucky Hydraulic Analysis Program *
* Distribution of Pressure and Flows in Piping Networks *
* 2000 PIPE VERSION - 1.00 (09/25/95) *
*****

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DATE: 02/07/96
 TIME: 12:22:33.69

INPUT DATA FILENAME ----- C:\KY3\DATA\SEJESS.DAT
 CALCULATED OUTPUT FILENAME ----- C:\KY3\DATA\SEJESS.OUT
 POSTPROCESSOR RESULTS FILENAME ---- C:\KY3\DATA\SEJESS.RES

 SUMMARY OF ORIGINAL DATA

UNITS SPECIFIED

FLOWRATE = gallons/minute
 HEAD (HGL) = feet
 PRESSURE = psig

PIPELINE DATA

STATUS CODE: XX -CLOSED PIPE FG -FIXED GRADE NODE PU -PUMP LINE
 CV -CHECK VALVE RV -REGULATING VALVE

PIPE NUMBER	NODE NOS. #1 #2	LENGTH (ft)	DIAMETER (in)	ROUGHNESS COEFF.	PUMP LABEL	MINOR LOSS COEFF.	FGN-HGL (%)
1	1 2	7000.0	8.0	150.00		1.50	
2	7 5	2540.0	8.0	150.00		1.50	
3	2 4	3000.0	8.0	150.00		1.50	
4	6 8	3168.0	8.0	150.00		1.50	
5	3 4	3696.0	8.0	150.00		1.50	
6	1 2	10032.0	8.0	150.00		1.50	
7	8 9	4224.0	8.0	150.00		1.50	

8	10	40	8975.0	6.0	150.00	1.50	
9	10	11	1100.0	6.0	150.00	1.50	
10	9	39	10233.0	6.0	150.00	1.50	
11	09	13	2112.0	6.0	150.00	1.50	
12	10	12	5808.0	6.0	150.00	1.50	
13	10	14	4752.0	6.0	150.00	1.50	
14	12	11	2640.0	6.0	150.00	1.50	
15	12	23	3376.0	6.0	150.00	1.50	
16	23	24	1056.0	6.0	150.00	1.50	
17	23	21	800.0	6.0	150.00	1.50	
18	21	22	2112.0	6.0	150.00	1.50	
19	21	16	5808.0	6.0	150.00	1.50	
20	16	15	6336.0	6.0	150.00	1.50	
21	16	17	2112.0	6.0	150.00	1.50	
22	17	18	2640.0	6.0	150.00	1.50	
23	17	19	5808.0	6.0	150.00	1.50	
24	19	20	2640.0	6.0	150.00	1.50	
25	11	25	1540.0	6.0	150.00	1.50	
26	25	26	4752.0	6.0	150.00	1.50	
27	26	27	3168.0	6.0	150.00	1.50	
28	27	28	7392.0	6.0	150.00	1.50	
29	27	29	3696.0	6.0	150.00	1.50	
30	29	30	2112.0	6.0	150.00	1.50	
31	29	31	3168.0	6.0	150.00	1.50	
32	31	32	2640.0	6.0	150.00	1.50	
33	32	33	7392.0	6.0	150.00	1.50	
34	31	34	2112.0	6.0	150.00	1.50	
35	31	35	1584.0	6.0	150.00	1.50	
36	35	36	8448.0	6.0	150.00	1.50	
37	35	37	4752.0	6.0	150.00	1.50	
38	22	38	3800.0	6.0	150.00	1.50	
39	8	7	400.0	6.0	150.00	1.50	
40-FB	AA	1	1200.0	6.0	150.00	1.50	1174.10
41-FB	A	21	100.0	6.0	150.00	1.50	1100.00
42-FB	B	36	100.0	6.0	150.00	1.50	1040.00

JUNCTION NODE DATA

JUNCTION NUMBER	JUNCTION TITLE	EXTERNAL DEMAND (gpm)	JUNCTION ELEVATION (ft)	CONNECTING PIPES	
1	Christman MI	0.86	897.00	1	40
2	Elm Fork	0.86	870.00	1	3

3	Elm Fork	2.28	780.00	4	5	10	
4		1.05	920.00	3	5		
5		0.35	934.00	2			
6		1.05	920.00	6			
7		1.43	780.00	2	5	39	
8		1.52	750.00	4	7	35	
9		1.37	890.00	7			
10		1.57	947.00	8	9		
11		2.11	945.00	9	14	25	
12		2.00	973.00	12	14	15	
13		2.55	750.00	11	12	13	
14		0.67	650.00	13			
15		1.42	750.00	20			
16		2.28	780.00	19	20	21	
17		2.47	940.00	21	22	23	
18		1.05	842.00	22			
19		2.28	951.00	23	24		
20		1.05	940.00	24			
21		1.24	1011.00	17	15	19	41
22		0.57	995.00	18	38		
23		3.99	995.00	15	15	17	
24		0.19	990.00	16			
25		1.52	929.00	25	25		
26		2.09	920.00	26	27		
27		3.23	790.00	27	28	29	
28		0.95	700.00	26			
29		1.52	745.00	29	30	31	
30		0.28	780.00	30			
31		1.33	720.00	31	32	34	35
32		2.09	820.00	32	33		
33		1.50	750.00	32			
34		0.57	800.00	34			
35		3.33	700.00	35	36	37	
36		2.18	900.00	35	42		
37		1.24	633.00	37			
38		0.19	940.00	38			
39		1.71	700.00	10	11		
40		1.50	700.00	8			

INPUT OPTION DATA

OUTPUT SELECTION: THE FOLLOWING RESULTS ARE INCLUDED IN THE TABULATED OUTPUT

- ALL CLOSED PIPES ARE NOTED
- ALL PIPES WITH PUMPS

NO JUNCTION NODES
MAXIMUM AND MINIMUM PRESSURES = 10
MAXIMUM AND MINIMUM HEAD LOSS/1000 = 10

SYSTEM CONFIGURATION

NUMBER OF PIPES(p) = 42
NUMBER OF JUNCTION NODES(j) = 40
NUMBER OF PRIMARY LOOPS(l) = 0
NUMBER OF FIXED GRADE NODES(f) = 3
NUMBER OF SUPPLY ZONES(z) = 1

 SIMULATION RESULTS

THE RESULTS ARE OBTAINED AFTER 4 TRIALS WITH AN ACCURACY = 0.00022

SIMULATION DESCRIPTION (LABEL)

Preliminary Hydraulic Analysis of Service to Southeast Jessamine County
 City of Nicholasville feed from Logan Lane and Christman Mill
 Fixed node info provided by Danny Johnson 1/29/96

PIPELINE RESULTS

STATUS CODE: XX -CLOSED PIPE FG -FIXED GRADE NODE PU -PUMP LINE
 CV -CHECK VALVE RV -REGULATING VALVE TK -STORAGE TANK

PIPE NUMBER	NODE NOS. #1 #2	FLOWRATE (gpm)	HEAD LOSS (ft)	PUMP HEAD (ft)	PUMP LABEL	MINOR LOSS (ft)	LINE VELO. (ft/s)	HL/ 1000 (ft/ft)
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MAXIMUM AND MINIMUM VALUES

PRESSURES

JUNCTION NUMBER	MAXIMUM PRESSURES (psi)	JUNCTION NUMBER	MINIMUM PRESSURES (psi)
9	194.39	21	38.57
37	182.96	22	45.06
39	180.27	23	45.48
40	170.46	24	47.65
8	168.39	12	54.90
28	161.37	19	60.19
13	156.65	36	60.69

3	155.39	10	63.43
7	155.39	11	64.30
35	153.93	26	69.03

HL / 1000

PIPE NUMBER	MAXIMUM HL/1000 (ft/ft)	PIPE NUMBER	MINIMUM HL/1000 (ft/ft)
40	2.39	38	0.00
1	2.37	16	0.00
14	2.36	30	0.00
3	2.35	2	0.00
5	2.33	34	0.00
25	2.24	13	0.00
26	2.20	18	0.00
27	2.15	28	0.00
10	2.13	6	0.00
11	2.09	22	0.00

SUMMARY OF INFLOWS AND OUTFLOWS

-) INFLOWS INTO THE SYSTEM FROM FIXED GRADE NODES
-) OUTFLOWS FROM THE SYSTEM INTO FIXED GRADE NODES

NODE LABEL	PIPE NUMBER	FLOWRATE (gpm)	NODE TITLE
AA	40	180.68	16" CDN Feed
A	41	33.26	Pollard Stand Pp
B	42	-152.05	Sugar Creek St Pp

NET SYSTEM INFLOW = 213.94
 NET SYSTEM OUTFLOW = -152.05
 NET SYSTEM DEMAND = 61.89

CHANGES FOR NEXT SIMULATION

DEMAND CHANGES

DEMAND TYPE = 1 - GDF = 2.500

SIMULATION RESULTS

THE RESULTS ARE OBTAINED AFTER 3 TRIALS WITH AN ACCURACY = 0.00004

SIMULATION DESCRIPTION (LABEL)

Peak demands for Proposed System
GDF of 2.5

PIPELINE RESULTS

STATUS CODE: XX -CLOSED PIPE FG -FIXED GRADE NODE PU -PUMP LINE
CV -CHECK VALVE RV -REGULATING VALVE TK -STORAGE TANK

PIPE NUMBER	NODE NOS. #1 #2	FLOWRATE (gpm)	HEAD LOSS (ft)	PUMP HEAD (ft)	PUMP LABEL	MINOR LOSS (ft)	LINE VELO. (ft/s)	HL/ 1000 (ft/ft)
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MAXIMUM AND MINIMUM VALUES

PRESSURES

JUNCTION NUMBER	MAXIMUM PRESSURES	JUNCTION NUMBER	MINIMUM PRESSURES
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	(psi)		(psi)
9	192.54	21	38.56
37	181.44	22	45.06
39	178.78	23	45.38
40	169.18	24	47.55
8	166.55	12	54.13
28	159.43	19	60.00
13	155.28	36	60.69
3	153.58	10	62.15
7	153.54	11	63.02
35	152.41	26	67.22

HL / 1000

PIPE NUMBER	MAXIMUM HL/1000 (ft/ft)	PIPE NUMBER	MINIMUM HL/1000 (ft/ft)
4	2.79	16	0.00
40	2.73	38	0.00
1	2.67	30	0.00
3	2.62	2	0.00
5	2.55	34	0.00
25	2.48	13	0.00
26	2.38	18	0.00
27	2.25	28	0.00
10	2.06	6	0.00
29	2.01	22	0.00

SUMMARY OF INFLOWS AND OUTFLOWS

- () INFLOWS INTO THE SYSTEM FROM FIXED GRADE NODES
- () OUTFLOWS FROM THE SYSTEM INTO FIXED GRADE NODES

NODE LABEL	PIPE NUMBER	FLOWRATE (gpm)	NODE TITLE
AA	40	193.95	16" CON Feed
A	41	89.24	Pollard Stand Pp
B	42	-128.46	Sugar Creek St Pp

TOT SYSTEM INFLOW = 283.19
 TOT SYSTEM OUTFLOW = -128.46
 TOT SYSTEM DEMAND = 154.72

CHANGES FOR NEXT SIMULATION

DEMAND CHANGES

DEMAND TYPE = 1 - GDF = 0.250

SIMULATION RESULTS

THE RESULTS ARE OBTAINED AFTER 3 TRIALS WITH AN ACCURACY = 0.00034

SIMULATION DESCRIPTION (LABEL)

Track Demands on Proposed System
GDF = .25

PIPELINE RESULTS

STATUS CODE: XX -CLOSED PIPE FG -FIXED GRADE NODE PU -PUMP LINE
CV -CHECK VALVE RV -REGULATING VALVE TK -STORAGE TANK

PIPE NUMBER	NODE NOS. #1 #2	FLOWRATE (gpm)	HEAD LOSS (ft)	PUMP HEAD (ft)	PUMP LABEL	MINOR LOSS (ft)	LINE VELO. (ft/s)	HL/ 1000 (ft/ft)
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MAXIMUM AND MINIMUM VALUES

PRESURES

JUNCTION NUMBER	MAXIMUM PRESSURES	JUNCTION NUMBER	MINIMUM PRESSURES
-----------------	-------------------	-----------------	-------------------

	(psi)		(psi)
9	195.17	21	38.57
37	183.68	22	45.07
39	180.82	23	45.50
40	170.87	24	47.67
8	169.17	12	55.03
28	162.22	19	60.23
13	157.12	36	60.70
3	156.17	10	63.83
7	156.17	11	64.70
35	154.65	20	69.33

HL / 1000

PIPE NUMBER	MAXIMUM HL/1000 (ft/ft)	PIPE NUMBER	MINIMUM HL/1000 (ft/ft)
40	2.25	16	0.00
1	2.24	38	0.00
3	2.24	30	0.00
5	2.23	2	0.00
10	2.18	34	0.00
11	2.17	13	0.00
12	2.15	18	0.00
14	2.12	28	0.00
25	2.09	6	0.00
26	2.09	22	0.00

SUMMARY OF INFLOWS AND OUTFLOWS

- +) INFLOWS INTO THE SYSTEM FROM FIXED GRADE NODES
-) OUTFLOWS FROM THE SYSTEM INTO FIXED GRADE NODES

NODE LABEL	PIPE NUMBER	FLOWRATE (gpm)	NODE TITLE
AA	40	174.65	16" CON Feed
A	41	3.45	Pollard Stand Pp
B	42	-162.62	Sugar Creek St Pp

NET SYSTEM INFLOW = 178.10
 NET SYSTEM OUTFLOW = -162.62
 NET SYSTEM DEMAND = 15.47

CHANGES FOR NEXT SIMULATION

DEMAND CHANGES

DEMAND TYPE = 1 - GDF = 5.000

SIMULATION RESULTS

THE RESULTS ARE OBTAINED AFTER 3 TRIALS WITH AN ACCURACY = 0.00317

SIMULATION DESCRIPTION (LABEL)

Future Demands
GDF of 5.0

PIPELINE RESULTS

STATUS CODE: XX -CLOSED PIPE FG -FIXED GRADE NODE PU -PUMP LINE
CV -CHECK VALVE RV -REGULATING VALVE TK -STORAGE TANK

PIPE NUMBER	NODE NOS. #1 #2	FLOWRATE (gpm)	HEAD LOSS (ft)	PUMP HEAD (ft)	PUMP LABEL	MINOR LOSS (ft)	LINE VELO. (ft/s)	HL/ 1000 (ft/ft)
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MAXIMUM AND MINIMUM VALUES

PRESSURES

JUNCTION NUMBER	MAXIMUM PRESSURES	JUNCTION NUMBER	MINIMUM PRESSURES
-----------------	-------------------	-----------------	-------------------

	(psi)		(psi)
9	188.92	21	38.53
37	179.02	22	45.03
39	175.62	23	45.10
40	166.24	24	47.27
8	162.93	12	51.97
28	155.92	10	59.23
13	152.28	19	59.40
3	150.05	11	60.11
35	149.99	36	60.68
7	149.93	26	63.78

HL / 1000

PIPE NUMBER	MAXIMUM HL/1000 (ft/ft)	PIPE NUMBER	MINIMUM HL/1000 (ft/ft)
14	3.44	16	0.00
40	3.38	38	0.00
1	3.26	30	0.00
3	3.14	2	0.00
5	2.99	34	0.00
25	2.75	13	0.00
26	2.54	18	0.00
27	2.29	28	0.00
10	1.98	6	0.00
29	1.81	22	0.00

SUMMARY OF INFLOWS AND OUTFLOWS

- > INFLOWS INTO THE SYSTEM FROM FIXED GRADE NODES
- > OUTFLOWS FROM THE SYSTEM INTO FIXED GRADE NODES

NODE LABEL	PIPE NUMBER	FLOWRATE (gpm)	NODE TITLE
AA	40	217.68	16" CON Feed
A	41	175.43	Pollard Stand Pp
B	42	-83.66	Sugar Creek St Pp

NET SYSTEM INFLOW = 393.11
 NET SYSTEM OUTFLOW = -83.66
 NET SYSTEM DEMAND = 309.45

APPENDIX E
Engineering Estimate
by Individual Branch Lines

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

CONSTRUCTION SUMMARY

TOTAL PROJECT

Total Length: 187050 feet

This summary sums the individual segments

of Customers: 300
Cost per Customer: \$7,205.37

Customers/mile: 8

CONSTRUCTION SUMMARY

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	110880	LF	\$7.10	\$787,248.00
2	6" PVC Water Main cl250	73920	LF	\$7.50	\$554,400.00
3	6" MJ Gate Valve	148	ea	\$400.00	\$59,200.00
4	6" Duc. Iron Water Main	2250	LF	\$15.00	\$33,750.00
5	Fire Hydrant Assembly	50	ea	\$1,400.00	\$70,000.00
6	Marker Tape	187050	LF	\$0.08	\$14,964.00
7	Air Release Asm.	54	ea	\$475.00	\$25,650.00
8	Bore and Case	270	LF	\$125.00	\$33,750.00
9	Water Service	300	ea	\$500.00	\$150,000.00
10	Individual PRV	104	ea	\$100.00	\$10,400.00
11	Stream Crossing	2250	LF	\$65.00	\$146,250.00
12	Tie-in to Existing	1	ea	\$2,500.00	\$2,500.00
13	4" PRV	4	ea	\$8,500.00	\$34,000.00
14	6" PRV	1	ea	\$9,500.00	\$9,500.00
15	Meter Vault	1	ea	\$10,000.00	\$10,000.00
16	100,000 gal Stand Pipes	2	ea	\$100,000.00	\$200,000.00
17	Telemetry Controls	1	ea	\$20,000.00	\$20,000.00
	ALL SEGMENTS TOTAL				\$2,161,612.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: A CF = 6
PVA Map #(s): 72, 82, 83
Length of Segment: 11000 feet

of Customers: 8 Customers/mile: 4
Cost per Customer: \$14,332

CR-1123 WEST LANE

KY-1541 to FECK LANE

SEGMENT A

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main c1200	6570	LF	\$7.10	\$46,647.00
2	6" PVC Water Main c1250	4380	LF	\$7.50	\$32,850.00
3	6" MJ Gate Valve	9	ea	\$400.00	\$3,600.00
4	6" Duc. Iron Water Main	50	LF	\$15.00	\$750.00
5	Fire Hydrant Assembly	3	ea	\$1,400.00	\$4,200.00
6	Marker Tape	11000	LF	\$0.08	\$880.00
7	Air Release Asm.	3	ea	\$475.00	\$1,425.00
8	Bore and Case	30	LF	\$125.00	\$3,750.00
9	Water Service	8	ea	\$500.00	\$4,000.00
10	Individual PRV	8	ea	\$100.00	\$800.00
11	Stream Crossing	50	LF	\$65.00	\$3,250.00
12	Tie-in to Existing	1	ea	\$2,500.00	\$2,500.00
13	4" PRV	0	ea	\$8,500.00	\$0.00
14	6" PRV	0	ea	\$9,500.00	\$0.00
15	Meter Vault	1	ea	\$10,000.00	\$10,000.00
16	100,000 gal Stand Pipes	0	ea	\$100,000.00	\$0.00
17	Telemetry Controls	0	ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$114,652.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: B CF = 7
PVA Map #(s): 72
Length of Segment: 4200 feet

of Customers: 4 Customers/mile: 5
Cost per Customer: \$9,985

CR-1122 FECK LANE

ELM FORK ROAD to E.O.L.

SEGMENT B

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2490	LF	\$7.10	\$17,679.00
2	6" PVC Water Main cl250	1660	LF	\$7.50	\$12,450.00
3	6" MJ Gate Valve	3	ea	\$400.00	\$1,200.00
4	6" Duc. Iron Water Main	50	LF	\$15.00	\$750.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	4200	LF	\$0.08	\$336.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	4	ea	\$500.00	\$2,000.00
10	Individual PRV	4	ea	\$100.00	\$400.00
11	Stream Crossing	50	LF	\$65.00	\$3,250.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault		ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$39,940.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: C CF = 7
PVA Map #(s): 72, 73
Length of Segment: 5000 feet

of Customers: 6 Customers/mile: 6
Cost per Customer: \$7,296

CR-1118 ELM FORK ROAD

FECK LANE to WATTS LANE

SEGMENT C

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	3000	LF	\$7.10	\$21,300.00
2	6" PVC Water Main cl250	2000	LF	\$7.50	\$15,000.00
3	6" MJ Gate Valve	4	ea	\$400.00	\$1,600.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	5000	LF	\$0.08	\$400.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	6	ea	\$500.00	\$3,000.00
10	Individual PRV	6	ea	\$100.00	\$600.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$43,775.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: D CF = 9
 PVA Map #(s): 73
 Length of Segment: 2600 feet

of Customers: 6 Customers/mile: 12
 Cost per Customer: \$6,651

CR-1118 ELM FORK ROAD

WATTS LANE to PEEL LANE

SEGMENT D

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1440	LF	\$7.10	\$10,224.00
2	6" PVC Water Main cl250	960	LF	\$7.50	\$7,200.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	200	LF	\$15.00	\$3,000.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2600	LF	\$0.08	\$208.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	6	ea	\$500.00	\$3,000.00
10	Individual PRV	6	ea	\$100.00	\$600.00
11	Stream Crossing	200	LF	\$65.00	\$13,000.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$39,907.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: E CF = 7
PVA Map #(s): 73, 84
Length of Segment: 4800 feet

of Customers: 5 Customers/mile: 6
Cost per Customer: \$9,796

CR-1119 PEEL LANE

ELM FORK ROAD to E.O.L.

SEGMENT E

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2820	LF	\$7.10	\$20,022.00
2	6" PVC Water Main cl250	1880	LF	\$7.50	\$14,100.00
3	6" MJ Gate Valve	4	ea	\$400.00	\$1,600.00
4	6" Duc. Iron Water Main	100	LF	\$15.00	\$1,500.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	4800	LF	\$0.08	\$384.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	5	ea	\$500.00	\$2,500.00
10	Individual PRV	5	ea	\$100.00	\$500.00
11	Stream Crossing	100	LF	\$65.00	\$6,500.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$48,981.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: F CF = 7
PVA Map #(s): 73, 74
Length of Segment: 6625 feet

of Customers: 6 Customers/mile: 5
Cost per Customer: \$10,202

CR-1118 ELM FORK ROAD

PEEL LANE to POLLARD ROAD

SEGMENT F

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	3945	LF	\$7.10	\$28,009.50
2	6" PVC Water Main cl250	2630	LF	\$7.50	\$19,725.00
3	6" MJ Gate Valve	5	ea	\$400.00	\$2,000.00
4	6" Duc. Iron Water Main	50	LF	\$15.00	\$750.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	6625	LF	\$0.08	\$530.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	6	ea	\$500.00	\$3,000.00
10	Individual PRV	2	ea	\$100.00	\$200.00
11	Stream Crossing	50	LF	\$65.00	\$3,250.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$61,214.50

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: G CF = 5
PVA Map #(s): 74, 84, 85
Length of Segment: 9475 feet

of Customers: 19 Customers/mile: 11
Cost per Customer: \$4,530

CR-1117 POLLARD ROAD

ELM FORK ROAD to KY 1541

SEGMENT G

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	5685	LF	\$7.10	\$40,363.50
1	6" PVC Water Main cl250	3790	LF	\$7.50	\$28,425.00
2	6" MJ Gate Valve	7	ea	\$400.00	\$2,800.00
3	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
4	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
5	Marker Tape	9475	LF	\$0.08	\$758.00
6	Air Release Asm.	3	ea	\$475.00	\$1,425.00
7	Bore and Case		LF	\$125.00	\$0.00
8	Water Service	19	ea	\$500.00	\$9,500.00
9	Individual PRV		ea	\$100.00	\$0.00
10	Stream Crossing		LF	\$65.00	\$0.00
11	Tie-in to Existing		ea	\$2,500.00	\$0.00
12	4" PRV		ea	\$8,500.00	\$0.00
13	6" PRV		ea	\$9,500.00	\$0.00
14	Meter Vault	0	ea	\$10,000.00	\$0.00
15	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
16	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$86,071.50

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: H CF = 4
 PVA Map #(s): 84, 85
 Length of Segment: 2000 feet

of Customers: 4 Customers/mile: 11
 Cost per Customer: \$29,839

KY 1541 CHRISTMAN MILL ROAD POLLARD ROAD to KISSING RIDGE ROAD

SEGMENT H

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1200	LF	\$7.10	\$8,520.00
2	6" PVC Water Main cl250	800	LF	\$7.50	\$6,000.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2000	LF	\$0.08	\$160.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	4	ea	\$500.00	\$2,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes	1	ea	\$100,000.00	\$100,000.00
17	Telemetry Controls	0.5	ea	\$20,000.00	\$10,000.00
SEGMENT TOTAL					\$119,355.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: I CF = 4
 PVA Map #(s): 84, 93
 Length of Segment: 3700 feet

of Customers: 9 Customers/mile: 13
 Cost per Customer: \$3,859

CR-1126 JOHNS EXTENSION

KY 1541 to E.O.L.

SEGMENT I

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2220	LF	\$7.10	\$15,762.00
2	6" PVC Water Main cl250	1480	LF	\$7.50	\$11,100.00
3	6" MJ Gate Valve	3	ea	\$400.00	\$1,200.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	3700	LF	\$0.08	\$296.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	9	ea	\$500.00	\$4,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$34,733.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: J CF = 6
PVA Map #(s): 84
Length of Segment: 6350 feet

of Customers: 6 Customers/mile: 5
Cost per Customer: \$10,489

KY 1541 CHRISTMAN MILL ROAD JOHN WATTS ROAD to POLLARD ROAD

SEGMENT J

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	3750	LF	\$7.10	\$26,625.00
2	6" PVC Water Main cl250	2500	LF	\$7.50	\$18,750.00
3	6" MJ Gate Valve	5	ea	\$400.00	\$2,000.00
4	6" Duc. Iron Water Main	100	LF	\$15.00	\$1,500.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	6350	LF	\$0.08	\$508.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	6	ea	\$500.00	\$3,000.00
10	Individual PRV	3	ea	\$100.00	\$300.00
11	Stream Crossing	100	LF	\$65.00	\$6,500.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$62,933.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: K CF = 3
PVA Map #(s): 73, 84
Length of Segment: 6600 feet

of Customers: 13 Customers/mile: 10
Cost per Customer: \$6,168

CR-1121 JOHN WATTS ROAD KY 1541 to E.O.L.

SEGMENT K

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main c/200	3810	LF	\$7.10	\$27,051.00
2	6" PVC Water Main c/250	2540	LF	\$7.50	\$19,050.00
3	6" MJ Gate Valve	5	ea	\$400.00	\$2,000.00
4	6" Duc. Iron Water Main	250	LF	\$15.00	\$3,750.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	6600	LF	\$0.08	\$528.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	13	ea	\$500.00	\$6,500.00
10	Individual PRV	13	ea	\$100.00	\$1,300.00
11	Stream Crossing	250	LF	\$65.00	\$16,250.00
12	Tie--in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$80,179.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: L CF = 8
 PVA Map #(s): 83, 84
 Length of Segment: 2400 feet

of Customers: 2 Customers/mile: 4
 Cost per Customer: \$10,746

KY 1541 CHRISTMAN MILL ROAD JOHN WATTS ROAD to HUNTERS FERRY ROAD

SEGMENT L

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1440	LF	\$7.10	\$10,224.00
2	6" PVC Water Main cl250	960	LF	\$7.50	\$7,200.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2400	LF	\$0.08	\$192.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	2	ea	\$500.00	\$1,000.00
10	Individual PRV	2	ea	\$100.00	\$200.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$21,491.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: M CF = 5
PVA Map #(s): 83
Length of Segment: 3000 feet

of Customers: 9 Customers/mile: 16
Cost per Customer: \$3,299

KY 1541 CHRISTMAN MILL ROAD HUNTERS FERRY ROAD to COBB LANE

SEGMENT M

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1800	LF	\$7.10	\$12,780.00
2	6" PVC Water Main cl250	1200	LF	\$7.50	\$9,000.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	3000	LF	\$0.08	\$240.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	9	ea	\$500.00	\$4,500.00
10	Individual PRV	5	ea	\$100.00	\$500.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$29,695.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: N CF = 4
PVA Map #(s): 83, 84, 92, 93
Length of Segment: 5800 feet

of Customers: 12 Customers/mile: 11
Cost per Customer: \$4,410

CR-1114 HUNTERS FERRY ROAD KY 1541 to E.O.L.

SEGMENT N

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main c/200	3480	LF	\$7.10	\$24,708.00
2	6" PVC Water Main c/250	2320	LF	\$7.50	\$17,400.00
3	6" MJ Gate Valve	5	ea	\$400.00	\$2,000.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	5800	LF	\$0.08	\$464.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	12	ea	\$500.00	\$6,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$52,922.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: O CF = 4
PVA Map #(s): 93
Length of Segment: 4500 feet

of Customers: 10 Customers/mile: 12
Cost per Customer: \$4,151

CR-1113 TAYLOR RIDGE ROAD

HUNTERS FERRY ROAD to WELCH'S EAST P.L.

SEGMENT O

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2700	LF	\$7.10	\$19,170.00
2	6" PVC Water Main cl250	1800	LF	\$7.50	\$13,500.00
3	6" MJ Gate Valve	4	ea	\$400.00	\$1,600.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	4500	LF	\$0.08	\$360.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	10	ea	\$500.00	\$5,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$41,505.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: P CF = 5
PVA Map #(s): 74
Length of Segment: 2200 feet

of Customers: 5 Customers/mile: 12
Cost per Customer: \$4,265

CR-1117 POLLARD ROAD

ELM FORK ROAD to KY 39

SEGMENT P

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1320	LF	\$7.10	\$9,372.00
2	6" PVC Water Main cl250	880	LF	\$7.50	\$6,600.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2200	LF	\$0.08	\$176.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	5	ea	\$500.00	\$2,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$21,323.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: Q CF = 5
PVA Map #(s): 74
Length of Segment: 3200 feet

of Customers: 3 Customers/mile: 5
Cost per Customer: \$10,604

KY 39 SULPHER WELL ROAD

KY 1268 to POLLARD ROAD

SEGMENT Q

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1920	LF	\$7.10	\$13,632.00
2	6" PVC Water Main cl250	1280	LF	\$7.50	\$9,600.00
3	6" MJ Gate Valve	3	ea	\$400.00	\$1,200.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	3200	LF	\$0.08	\$256.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case	30	LF	\$125.00	\$3,750.00
9	Water Service	3	ea	\$500.00	\$1,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$31,813.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: R CF = 7
PVA Map #(s): 61, 73, 74
Length of Segment: 7000 feet

of Customers: 16 Customers/mile: 12
Cost per Customer: \$5,525

KY 39 SULPHER WELL ROAD

BLACK BRIDGE to KY 1268

SEGMENT R

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	4140	LF	\$7.10	\$29,394.00
2	6" PVC Water Main cl250	2760	LF	\$7.50	\$20,700.00
3	6" MJ Gate Valve	5	ea	\$400.00	\$2,000.00
4	6" Duc. Iron Water Main	100	LF	\$15.00	\$1,500.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	7000	LF	\$0.08	\$560.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case	60	LF	\$125.00	\$7,500.00
9	Water Service	16	ea	\$500.00	\$8,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	100	LF	\$65.00	\$6,500.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV	1	ea	\$8,500.00	\$8,500.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$88,404.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: S CF = 7
PVA Map #(s): 60, 61, 72, 73
Length of Segment: 4500 feet

of Customers: 10 Customers/mile: 12
Cost per Customer: \$6,355

KY 39 SULPHUR WELL ROAD

WATTS MILL ROAD to BLACK BRIDGE

SEGMENT S

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2580	LF	\$7.10	\$18,318.00
2	6" PVC Water Main cl250	1720	LF	\$7.50	\$12,900.00
3	6" MJ Gate Valve	4	ea	\$400.00	\$1,600.00
4	6" Duc. Iron Water Main	200	LF	\$15.00	\$3,000.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	4500	LF	\$0.08	\$360.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case	60	LF	\$125.00	\$7,500.00
9	Water Service	10	ea	\$500.00	\$5,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	200	LF	\$65.00	\$13,000.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$63,553.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: T CF = 5
PVA Map #(s): 60, 72, 73
Length of Segment: 2150 feet

of Customers: 3 Customers/mile: 7
Cost per Customer: \$9,114

KY 39 SULPHUR WELL ROAD

WATTS MILL ROAD to E.O.L.

SEGMENT T

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main c/200	1260	LF	\$7.10	\$8,946.00
2	6" PVC Water Main c/250	840	LF	\$7.50	\$6,300.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	50	LF	\$15.00	\$750.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2150	LF	\$0.08	\$172.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case	30	LF	\$125.00	\$3,750.00
9	Water Service	3	ea	\$500.00	\$1,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	50	LF	\$65.00	\$3,250.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$27,343.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: V CF = 4
 PVA Map #(s): 74
 Length of Segment: 1600 feet

of Customers: 6 Customers/mile: 20
 Cost per Customer: \$2,524

KY 39 SULPHER WELL ROAD

POLLARD ROAD to GAYHEART LANE

SEGMENT V

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	960	LF	\$7.10	\$6,816.00
2	6" PVC Water Main cl250	640	LF	\$7.50	\$4,800.00
3	6" MJ Gate Valve	1	ea	\$400.00	\$400.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	0	ea	\$1,400.00	\$0.00
6	Marker Tape	1600	LF	\$0.08	\$128.00
7	Air Release Asm.	0	ea	\$475.00	\$0.00
8	Bore and Case	0	LF	\$125.00	\$0.00
9	Water Service	6	ea	\$500.00	\$3,000.00
10	Individual PRV	0	ea	\$100.00	\$0.00
11	Stream Crossing	0	LF	\$65.00	\$0.00
12	Tie-in to Existing	0	ea	\$2,500.00	\$0.00
13	4" PRV	0	ea	\$8,500.00	\$0.00
14	6" PRV	0	ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes	0	ea	\$100,000.00	\$0.00
17	Telemetry Controls	0	ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$15,144.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: W CF = 5
 PVA Map #(s): 74, 75
 Length of Segment: 4850 feet

of Customers: 5 Customers/mile: 5
 Cost per Customer: \$9,065

CR-1124 GAYHEART LANE

KY 39 to BLODGETT LANE

SEGMENT W

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2910	LF	\$7.10	\$20,661.00
2	6" PVC Water Main cl250	1940	LF	\$7.50	\$14,550.00
3	6" MJ Gate Valve	4	ea	\$400.00	\$1,600.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	4850	LF	\$0.08	\$388.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case	30	LF	\$125.00	\$3,750.00
9	Water Service	5	ea	\$500.00	\$2,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$45,324.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: X CF = 6
 PVA Map #(s): 74, 75
 Length of Segment: 2700 feet

of Customers: 7 Customers/mile: 14
 Cost per Customer: \$3,770

CR-1124 GAYHEART LANE

BLODGETT LANE to KY 1268

& LANGFORD PASS

SEGMENT X

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main ci200	1620	LF	\$7.10	\$11,502.00
2	6" PVC Water Main ci250	1080	LF	\$7.50	\$8,100.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2700	LF	\$0.08	\$216.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	7	ea	\$500.00	\$3,500.00
10	Individual PRV	4	ea	\$100.00	\$400.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$26,393.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: Y CF = 4
PVA Map #(s): 74, 75
Length of Segment: 2100 feet

of Customers: 4 Customers/mile: 10
Cost per Customer: \$5,122

KY 1268 LITTLE HICKMAN ROAD GAYHEART LANE to E.O.L.

SEGMENT Y

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1260	LF	\$7.10	\$8,946.00
2	6" PVC Water Main cl250	840	LF	\$7.50	\$6,300.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2100	LF	\$0.08	\$168.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	4	ea	\$500.00	\$2,000.00
10	Individual PRV	4	ea	\$100.00	\$400.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$20,489.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: Z CF = 5
 PVA Map #(s): 74, 75
 Length of Segment: 1100 feet

of Customers: 5 Customers/mile: 24
 Cost per Customer: \$2,295

KY 1268 LITTLE HICKMAN ROAD BRUMFIELD LANE to GAYHEART LANE

SEGMENT Z

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	660	LF	\$7.10	\$4,686.00
2	6" PVC Water Main cl250	440	LF	\$7.50	\$3,300.00
3	6" MJ Gate Valve	1	ea	\$400.00	\$400.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	0	ea	\$1,400.00	\$0.00
6	Marker Tape	1100	LF	\$0.08	\$88.00
7	Air Release Asm.	0	ea	\$475.00	\$0.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	5	ea	\$500.00	\$2,500.00
10	Individual PRV	5	ea	\$100.00	\$500.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$11,474.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: AA CF = 6
 PVA Map #(s): 62, 74, 75
 Length of Segment: 7400 feet

of Customers: 9 Customers/mile: 6
 Cost per Customer: \$9,375

CR-1133 BRUMFIELD LANE

KY 1268 (LITTLE HICKMAN) to E.O.L.

SEGMENT AA

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	4350	LF	\$7.10	\$30,885.00
2	6" PVC Water Main cl250	2900	LF	\$7.50	\$21,750.00
3	6" MJ Gate Valve	6	ea	\$400.00	\$2,400.00
4	6" Duc. Iron Water Main	150	LF	\$15.00	\$2,250.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	7400	LF	\$0.08	\$592.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	9	ea	\$500.00	\$4,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	150	LF	\$65.00	\$9,750.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV	1	ea	\$8,500.00	\$8,500.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$84,377.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: BB CF = 5
 PVA Map #(s): 63, 74, 75
 Length of Segment: 3700 feet

of Customers: 8 Customers/mile: 11
 Cost per Customer: \$5,288

KY 1268 LITTLE HICKMAN ROAD BRUMFIELD LANE to TEATER LANE

SEGMENT BB

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2160	LF	\$7.10	\$15,336.00
2	6" PVC Water Main cl250	1440	LF	\$7.50	\$10,800.00
3	6" MJ Gate Valve	3	ea	\$400.00	\$1,200.00
4	6" Duc. Iron Water Main	100	LF	\$15.00	\$1,500.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	3700	LF	\$0.08	\$296.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	8	ea	\$500.00	\$4,000.00
10	Individual PRV	8	ea	\$100.00	\$800.00
11	Stream Crossing	100	LF	\$65.00	\$6,500.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$42,307.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: CC CF = 5
 PVA Map #(s): 63
 Length of Segment: 2100 feet

of Customers: 3 Customers/mile: 8
 Cost per Customer: \$9,092

CR-1152 TEATER LANE

KY 1268 to E.O.L.

SEGMENT CC

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1230	LF	\$7.10	\$8,733.00
2	6" PVC Water Main cl250	820	LF	\$7.50	\$6,150.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	50	LF	\$15.00	\$750.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2100	LF	\$0.08	\$168.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case	30	LF	\$125.00	\$3,750.00
9	Water Service	3	ea	\$500.00	\$1,500.00
10	Individual PRV	3	ea	\$100.00	\$300.00
11	Stream Crossing	50	LF	\$65.00	\$3,250.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$27,276.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: DD CF = 6
PVA Map #(s): 63
Length of Segment: 3200 feet

of Customers: 3 Customers/mile: 5
Cost per Customer: \$14,170

KY 1268 LITTLE HICKMAN ROAD TEATER LANE to SUGAR CREEK ROAD

SEGMENT DD

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1800	LF	\$7.10	\$12,780.00
2	6" PVC Water Main cl250	1200	LF	\$7.50	\$9,000.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	200	LF	\$15.00	\$3,000.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	3200	LF	\$0.08	\$256.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	3	ea	\$500.00	\$1,500.00
10	Individual PRV	3	ea	\$100.00	\$300.00
11	Stream Crossing	200	LF	\$65.00	\$13,000.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$42,511.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: EE CF = 8
PVA Map #(s): 63
Length of Segment: 1900 feet

of Customers: 1 Customers/mile: 3
Cost per Customer: \$19,058

CR-1128 SUGAR CREEK ROAD

KY 1268 to LOCK 8 ROAD

SEGMENT EE

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1110	LF	\$7.10	\$7,881.00
2	6" PVC Water Main cl250	740	LF	\$7.50	\$5,550.00
3	6" MJ Gate Valve	1	ea	\$400.00	\$400.00
4	6" Duc. Iron Water Main	50	LF	\$15.00	\$750.00
5	Fire Hydrant Assembly	0	ea	\$1,400.00	\$0.00
6	Marker Tape	1900	LF	\$0.08	\$152.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	1	ea	\$500.00	\$500.00
10	Individual PRV	1	ea	\$100.00	\$100.00
11	Stream Crossing	50	LF	\$65.00	\$3,250.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$19,058.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction
October 28, 1996

Segment Data

SEGMENT: FF CF = 5
 PVA Map #(s): 63, 64
 Length of Segment: 12200 feet

of Customers: 22 Customers/mile: 10
 Cost per Customer: \$9,653

CR-1128 SUGAR CREEK ROAD LOCK 8 ROAD to E.O.L.

SEGMENT FF

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	7320	LF	\$7.10	\$51,972.00
2	6" PVC Water Main cl250	4880	LF	\$7.50	\$36,600.00
3	6" MJ Gate Valve	10	ea	\$400.00	\$4,000.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	3	ea	\$1,400.00	\$4,200.00
6	Marker Tape	12200	LF	\$0.08	\$976.00
7	Air Release Asm.	3	ea	\$475.00	\$1,425.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	22	ea	\$500.00	\$11,000.00
10	Individual PRV	22	ea	\$100.00	\$2,200.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes	1	ea	\$100,000.00	\$100,000.00
17	Telemetry Controls	0.5	ea	\$20,000.00	\$10,000.00
SEGMENT TOTAL					\$212,373.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction
October 28, 1996

Segment Data

SEGMENT: GG CF = 6
PVA Map #(s): 51, 52, 63, 64
Length of Segment: 5300 feet

of Customers: 10 Customers/mile: 10
Cost per Customer: \$7,406

CR-1130 LOCK 8 ROAD

SUGAR CREEK ROAD to BRIDGE

SEGMENT GG

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	3030	LF	\$7.10	\$21,513.00
2	6" PVC Water Main cl250	2020	LF	\$7.50	\$15,150.00
3	6" MJ Gate Valve	4	ea	\$400.00	\$1,600.00
4	6" Duc. Iron Water Main	250	LF	\$15.00	\$3,750.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	5300	LF	\$0.08	\$424.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	10	ea	\$500.00	\$5,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	250	LF	\$65.00	\$16,250.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV	1	ea	\$8,500.00	\$8,500.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$74,062.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: HH CF = 6
PVA Map #(s): 63
Length of Segment: 2100 feet

of Customers: 5 Customers/mile: 13
Cost per Customer: \$4,118

CR-1131 FORT BRAMBLETT ROAD KY 1268 to E.O.L.

SEGMENT HH

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	1260	LF	\$7.10	\$8,946.00
2	6" PVC Water Main cl250	840	LF	\$7.50	\$6,300.00
3	6" MJ Gate Valve	2	ea	\$400.00	\$800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	2100	LF	\$0.08	\$168.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	5	ea	\$500.00	\$2,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$20,589.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction
October 28, 1996

Segment Data

SEGMENT: JJ CF = 8
PVA Map #(s): 50, 62, 63
Length of Segment: 8000 feet

of Customers: 16 Customers/mile: 11
Cost per Customer: \$5,236

KY 1268 SUGAR CREEK ROAD

EBENEZER CHURCH to WESLEY CHAPEL

SEGMENT JJ

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	4710	LF	\$7.10	\$33,441.00
2	6" PVC Water Main cl250	3140	LF	\$7.50	\$23,550.00
3	6" MJ Gate Valve	6	ea	\$400.00	\$2,400.00
4	6" Duc. Iron Water Main	150	LF	\$15.00	\$2,250.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	8000	LF	\$0.08	\$640.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	16	ea	\$500.00	\$8,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	150	LF	\$65.00	\$9,750.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$83,781.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: PP CF = 6
 PVA Map #(s): 60, 61, 72, 73
 Length of Segment: 4000 feet

of Customers: 2 Customers/mile: 3
 Cost per Customer: \$26,923

CROSS COUNTRY

ELM FORK ROAD @ FECK LANE
 to KY 39

SEGMENT PP

Item No.	Discription of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	2310	LF	\$7.10	\$16,401.00
2	6" PVC Water Main cl250	1540	LF	\$7.50	\$11,550.00
3	6" MJ Gate Valve	3	ea	\$400.00	\$1,200.00
4	6" Duc. Iron Water Main	150	LF	\$15.00	\$2,250.00
5	Fire Hydrant Assembly	1	ea	\$1,400.00	\$1,400.00
6	Marker Tape	4000	LF	\$0.08	\$320.00
7	Air Release Asm.	1	ea	\$475.00	\$475.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	2	ea	\$500.00	\$1,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing	150	LF	\$65.00	\$9,750.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV	1	ea	\$9,500.00	\$9,500.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
SEGMENT TOTAL					\$53,846.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: QQ CF = 4
PVA Map #(s): 85
Length of Segment: 9300 feet

of Customers: 15 Customers/mile: 9
Cost per Customer: \$5,519

CR-1116 KISSING RIDGE ROAD KY 1541 to E.O.L.

SEGMENT QQ

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main c1200	5580	LF	\$7.10	\$39,618.00
2	6" PVC Water Main c1250	3720	LF	\$7.50	\$27,900.00
3	6" MJ Gate Valve	7	ea	\$400.00	\$2,800.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	9300	LF	\$0.08	\$744.00
7	Air Release Asm.	3	ea	\$475.00	\$1,425.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	15	ea	\$500.00	\$7,500.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$82,787.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

Segment Data

SEGMENT: RR CF = 4
PVA Map #(s): 93, 100
Length of Segment: 6600 feet

of Customers: 10 Customers/mile: 8
Cost per Customer: \$5,919

CR-1113 TAYLOR RIDGE ROAD

WELCH'S EAST P.L. to E.O.L.

SEGMENT RR

Item No.	Description of Work	Quantity	Unit	Unit Price	Total Cost
1	6" PVC Water Main cl200	3960	LF	\$7.10	\$28,116.00
2	6" PVC Water Main cl250	2640	LF	\$7.50	\$19,800.00
3	6" MJ Gate Valve	5	ea	\$400.00	\$2,000.00
4	6" Duc. Iron Water Main	0	LF	\$15.00	\$0.00
5	Fire Hydrant Assembly	2	ea	\$1,400.00	\$2,800.00
6	Marker Tape	6600	LF	\$0.08	\$528.00
7	Air Release Asm.	2	ea	\$475.00	\$950.00
8	Bore and Case		LF	\$125.00	\$0.00
9	Water Service	10	ea	\$500.00	\$5,000.00
10	Individual PRV		ea	\$100.00	\$0.00
11	Stream Crossing		LF	\$65.00	\$0.00
12	Tie-in to Existing		ea	\$2,500.00	\$0.00
13	4" PRV		ea	\$8,500.00	\$0.00
14	6" PRV		ea	\$9,500.00	\$0.00
15	Meter Vault	0	ea	\$10,000.00	\$0.00
16	100,000 gal Stand Pipes		ea	\$100,000.00	\$0.00
17	Telemetry Controls		ea	\$20,000.00	\$0.00
	SEGMENT TOTAL				\$59,194.00

ENGINEERING ESTIMATE

Southeastern Jessamine Co. Waterline Construction

October 28, 1996

TOTAL PROJECT SUMMARY

CONSTRUCTION COST (Waterlines & Storage)	\$2,161,612
LAND ACQUISITION	\$15,000
ENGINEERING	
Design (7.08%)	\$153,043
Inspection (3.50%)	\$75,656
PRELIMINARY ENGINEERING	\$20,000
LEGAL	\$12,000
ADDITIONAL ENGINEERING	\$40,000
GEOTECHNICAL SERVICES	\$7,500
INTEREST DURING CONSTRUCTION	\$40,000
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Sub Total	\$2,524,811
PLANNING (Including Arch Survey)	\$7,500
CONTENGENCY (6.25%)	\$135,000
HUD CDBG ADMINISTRATION	\$47,200
TOTAL PROJECT COST:	\$2,714,511