

Rubin & Hays

ATTORNEYS AT LAW

Kentucky Home Trust Building, 450 South Third Street, Louisville, Kentucky 40202-1410
Telephone (502) 569-7525 Telefax (502) 569-7555 www.rubinhays.com

CHARLES S. MUSSON
W. RANDALL JONES
CHRISTIAN L. JUCKETT

March 5, 2007

RECEIVED

MAR 6 2007

PUBLIC SERVICE
COMMISSION

Ms. Elizabeth O'Donnell
Executive Director
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Re: Crittenden-Livingston County Water District - Kentucky Public Service Commission
Application for Certificate of Public Convenience and Necessity

Dear Ms. O'Donnell:

Case No. 2007-00094

Enclosed please find the original and ten (10) copies of the Application of the Crittenden-Livingston County Water District for a Certificate of Public Convenience and Necessity to construct a waterworks improvement project.

Also enclosed are two copies of the Preliminary and Final Engineering Reports.

The Engineer, Stigall Engineering Associates, Inc., will forward the Plans and Specifications to you in the near future. Thank you for your assistance and if you need any additional information or documentation, please let us know.

Sincerely,

Rubin & Hays

By


W. Randall Jones

WRJ:jlm
Enclosures

cc: Mr. Donnie Beavers, Crittenden-Livingston County Water District
Robert D. Stigall, P.E.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED
MAR 6 2007
PUBLIC SERVICE
COMMISSION

In the matter of:

APPLICATION OF THE CRITTENDEN-LIVINGSTON)
COUNTY WATER DISTRICT FOR A CERTIFICATE)
OF PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT A WATERWORKS IMPROVEMENTS)
PROJECT PURSUANT TO KRS 278.020 AND 278.300)

Case No. 2007-00094

APPLICATION

The Crittenden-Livingston County Water District (the "District"), by counsel, pursuant to KRS 278.020, petitions the Commission for a certificate of public convenience and necessity to construct a waterworks improvement project. The following information is filed in accordance with the Commission's regulations:

1. The District's office address is P.O. Box 495, Salem, Kentucky 42078. Its principal officers are listed in its 2005 Annual Report, which is on file with the Commission;
2. The District is a non-profit water district organized under KRS Chapter 74 and has no separate articles of incorporation or by-laws;
3. A description of the District's water system and its property stated at original cost by accounts is contained in its 2005 Annual Report, which is incorporated by reference pursuant to 807 KAR 5:001 Section (5)(5). All required normal financial schedules and other data are in the Annual Report;
4. The water improvements project (the "Project") consists of the construction and installation of approximately 79 miles of 6 and 4 inch water line and appurtenances to serve approximately 225 new customers;

5. The Project is in the public interest and will improve the District's system and provide water to approximately 225 new users;
6. The total project cost is approximately \$4,820,000, as forth in the Final Engineering Report filed herewith;
7. The District has obtained all of the easements for the Project;
8. This service will not compete with any other utility in the area;
9. Based on these facts, the District believes that it is in the public interest that this certificate be granted and that the plan of financing be authorized;
10. Copies of the certified bid tabulations are attached hereto as **Exhibit "A"**;
11. The following information is provided in response to 807 KAR 5:001 Section (8)(3);
 - a. Articles of Incorporation - None, the District is a statutorily created water district under KRS Chapter 74;
12. The following information is supplied to 807 KAR 5:001 Section (9)(2);
 - a. Facts relied upon to show that the Project is in the public interest: The water project will provide water service to approximately 225 new users;
 - b. No new franchises are required. Copies of the permits are attached hereto as **Exhibit "B"**;
 - c. Diagrams of the proposed construction and construction specifications are contained in the Plans and Specifications on file with the Commission;
 - d. Three (3) maps of suitable scale showing location of the proposed facilities are included in the Preliminary and Final Engineering Reports filed herewith;


e. The construction costs will be funded from the proceeds of Tobacco Settlement Fund Grants and Coal Severance Funds from Crittenden and Livingston Counties in the approximate amount of \$1,900,000; remaining funds from the Phase IX project in the amount of \$150,000; connection fees in the approximate amount of \$120,000 and a short term loan in the approximate amount of \$2,650,000 from the Kentucky Rural Water Finance Corporation ("KRWFC") through it's Flexible Term Program. The short term loan matures on February 1, 2009 and accordingly, Commission approval of such financing is not required pursuant to KRS 278.300;

f. The estimated cost of operation of the system after Project completion is attached hereto as **Exhibit "C"**;

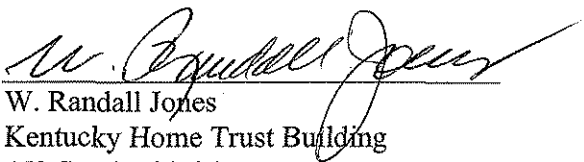
13. The District has determined that a rate increase may be necessary as a result of this Project, however, the amount of such increase will not be known until the exact number of new customers is known and the debt service on the permanent financing is known. Therefore, the District has been advised by counsel to file this Application for a Certificate, as the exception under HB 267 will not apply if a future rate increase is necessary as a result of this Project.

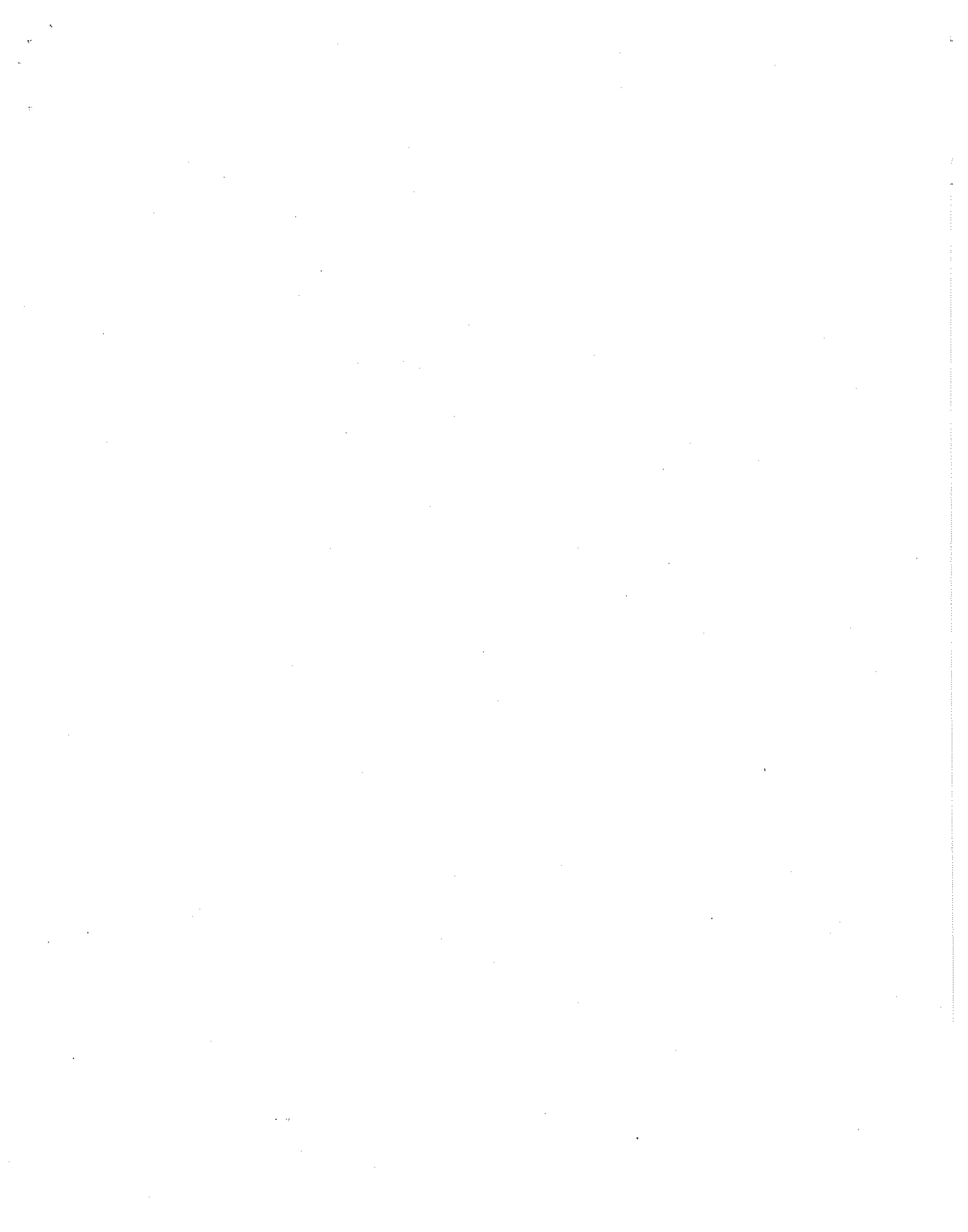
WHEREFORE, the Applicant, Crittenden-Livingston County Water District requests that the Public Service Commission of Kentucky grant to the Applicant a certificate of public convenience and necessity permitting the Applicant to construct a water system improvement project;

Crittenden-Livingston County Water District

By 
Chairman

Rubin & Hays

By 
W. Randall Jones
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202
(502) 569-7525



STIGALL ENGINEERING ASSOCIATES, INC.

4117 Hillsboro Pike, Suite 206 • Nashville, Tennessee 37215 • Telephone: 615-460-7515 • Facsimile: 615-460-7517

Certified Bid Tabulation

Crittenden-Livingston County Water District Phase XIII Water System Improvements

Thursday, November 9, 2006

11:00 a.m. (Local Time)

Bobby Luttrell & Sons, LLC
5276 Cedar Grove Road
Olaton, Kentucky 42361

No.	Description	Unit	Unit Price	Bid Amount
01.	6" Class 250 PVC water line	70,000 LF	\$ 7.20	\$ 504,000.00
02.	6" Class 200 PVC water line	214,000 LF	\$ 6.00	\$ 1,284,000.00
03.	4" Class 250 PVC water line	46,300 LF	\$ 4.60	\$ 212,980.00
04.	4" Class 200 PVC water line	142,300 LF	\$ 4.10	\$ 583,430.00
05.	8" x 6" Tapping sleeve and valve	1 EA	\$ 1,800.00	\$ 1,800.00
06.	8" x 4" Tapping sleeve and valve	2 EA	\$ 1,500.00	\$ 3,000.00
07.	6" x 4" Tapping sleeve and valve	1 EA	\$ 1,500.00	\$ 1,500.00
08.	6" Tapping sleeve and valve	23 EA	\$ 1,650.00	\$ 37,950.00
09.	4" Tapping sleeve and valve	17 EA	\$ 1,500.00	\$ 25,000.00
10.	3" Tapping sleeve and valve	5 EA	\$ 1,550.00	\$ 7,750.00
11.	6" Gate valve	66 EA	\$ 525.00	\$ 34,650.00
12.	4" Gate valve	45 EA	\$ 430.00	\$ 19,350.00
13.	3" Gate valve	44 EA	\$ 415.00	\$ 18,260.00
14.	Unencased bores for 6" pipe	9,000 LF	\$ 0.00	\$ 0.00
15.	Unencased bores for 4" pipe	9,000 LF	\$ 0.00	\$ 0.00
16.	12" Steel casing pipe, bore & jack	765 LF	\$ 80.00	\$ 61,200.00
17.	8" Steel casing pipe, bore & jack	250 LF	\$ 65.00	\$ 16,250.00
18.	6" Pressure reducing valve vault	7 EA	\$ 23,000.00	\$ 161,000.00
19.	4" Pressure reducing valve vault	7 EA	\$ 19,000.00	\$ 133,000.00
20.	Flushing hydrants	41 EA	\$ 1,500.00	\$ 61,500.00
21.	Creek crossing	140 LF	\$ 20.00	\$ 2,800.00
22.	Customer service assembly w/PRV	225 EA	\$ 490.00	\$ 110,250.00
23.	¾" Service line, open cut	7,000 LF	\$ 2.00	\$ 14,000.00
24.	¾" Service line, bore & jack	5,000 LF	\$ 3.00	\$ 15,000.00
25.	Directional bore	1 LS	\$ 25,000.00	\$ 25,000.00

TOTAL AMOUNT BID;
ITEMS 1 – 25 INCLUSIVE \$ **3,334,170.00**


Certified Bid Tabulation (continued)
 Crittenden-Livingston County Water District
 Phase XIII Water System Improvements
 Thursday, November 9, 2006 @ 11:00 a.m. (Local Time)

Stotts Construction Company, Inc.
3615 Burkesville Road
Columbia, Kentucky 42728

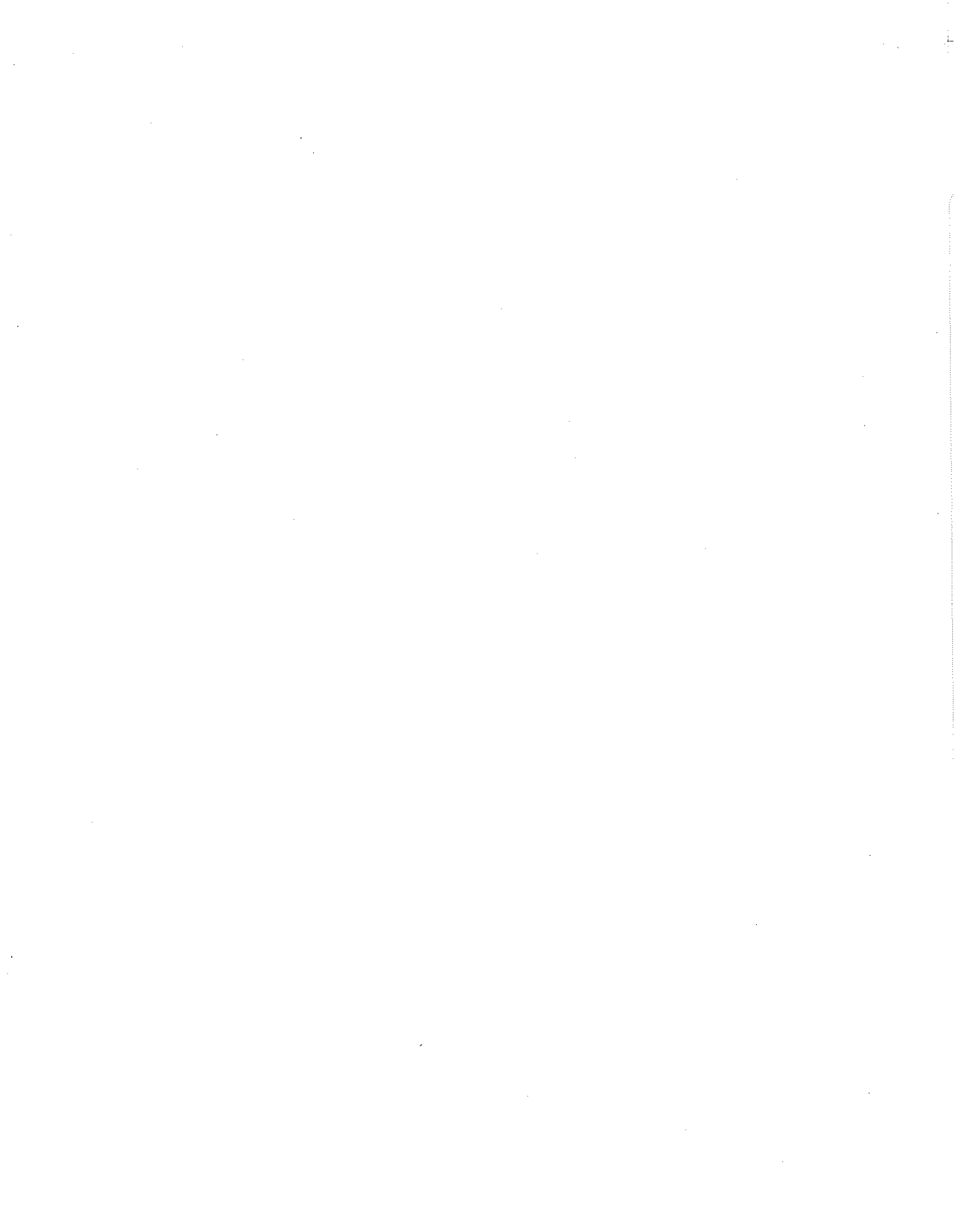
No.	Description	Unit	Unit Price	Bid Amount
01.	6" Class 250 PVC water line	70,000 LF	\$ 7.00	\$ 490,000.00
02.	6" Class 200 PVC water line	214,000 LF	\$ 6.20	\$ 1,326,800.00
03.	4" Class 250 PVC water line	46,300 LF	\$ 5.00	\$ 231,500.00
04.	4" Class 200 PVC water line	142,300 LF	\$ 4.75	\$ 675,925.00
05.	8" x 6" Tapping sleeve and valve	1 EA	\$ 1,150.00	\$ 1,150.00
06.	8" x 4" Tapping sleeve and valve	2 EA	\$ 1,100.00	\$ 2,200.00
07.	6" x 4" Tapping sleeve and valve	1 EA	\$ 1,000.00	\$ 1,000.00
08.	6" Tapping sleeve and valve	23 EA	\$ 1,150.00	\$ 26,450.00
09.	4" Tapping sleeve and valve	17 EA	\$ 1,000.00	\$ 17,000.00
10.	3" Tapping sleeve and valve	5 EA	\$ 1,000.00	\$ 5,000.00
11.	6" Gate valve	66 EA	\$ 610.00	\$ 40,260.00
12.	4" Gate valve	45 EA	\$ 525.00	\$ 23,625.00
13.	3" Gate valve	44 EA	\$ 490.00	\$ 21,560.00
14.	Unencased bores for 6" pipe	9,000 LF	\$ 5.00	\$ 45,000.00
15.	Unencased bores for 4" pipe	9,000 LF	\$ 5.00	\$ 45,000.00
16.	12" Steel casing pipe, bore & jack	765 LF	\$ 85.00	\$ 65,025.00
17.	8" Steel casing pipe, bore & jack	250 LF	\$ 75.00	\$ 18,750.00
18.	6" Pressure reducing valve vault	7 EA	\$ 19,250.00	\$ 134,750.00
19.	4" Pressure reducing valve vault	7 EA	\$ 15,700.00	\$ 109,900.00
20.	Flushing hydrants	41 EA	\$ 1,375.00	\$ 56,375.00
21.	Creek crossing	140 LF	\$ 30.00	\$ 4,200.00
22.	Customer service assembly w/PRV	225 EA	\$ 565.00	\$ 127,125.00
23.	¾" Service line, open cut	7,000 LF	\$ 3.00	\$ 21,000.00
24.	¾" Service line, bore & jack	5,000 LF	\$ 7.00	\$ 35,000.00
25.	Directional bore	1 LS	\$ 25,000.00	\$ 25,000.00
TOTAL AMOUNT BID;				
ITEMS 1 – 25 INCLUSIVE				\$ 3,549,595.00

Certified Bid Tabulation (continued)
Crittenden-Livingston County Water District
Phase XIII Water System Improvements
Thursday, November 9, 2006 @ 11:00 a.m. (Local Time)

I hereby certify that the preceding is a true and accurate transcription of the bids, as received.



Robert Stigall, P.E., President
Stigall Engineering Associates, Inc.
4117 Hillsboro Pike, Suite 206
Nashville, Tennessee 37215-2728
Kentucky Registration No. 15,006





ENVIRONMENTAL AND PUBLIC PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Ernie Fletcher
Governor

Frankfort Office Park
14 Reilly Road
Frankfort, Kentucky 40601
www.kentucky.gov
October 3, 2006

Lajuana S. Wilcher
Secretary

Donnie Beavers, District Superintendent
Crittenden-Livingston County Water District
P. O. Box 495
Salem, KY 42078

RE: Livingston County
AI No: 2727
DW No: 0700532-06-001
Phase XIII Improvements
Activity ID: APE 20060001

Dear Mr. Beavers:

This letter replaces our previously approved letter dated September 26, 2006 regarding the above subject. The plans include the construction of approximately 207,676 feet of 4-inch PVC and 260,455 feet of 6-inch PVC water line. This is to advise that plans and specifications for the above referenced project are APPROVED with respect to sanitary features of design, as of this date with the requirements contained in the attached construction permit.

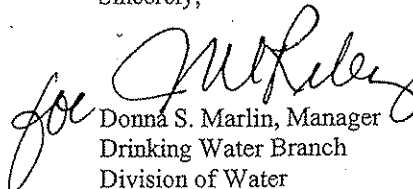
Based on the hydraulic analysis/data submitted, the areas served by the following extension(s) are considered to be underserved:

- a) Water Line #27
- b) Water Line #30
- c) Water Line #36.

This designation indicates that without improvements to the existing infrastructure, future extensions may not be able to provide the required minimum pressure of 30 psi on the discharge side of customers' meters. Without improvements to the infrastructure, future extensions may be denied. The underserved designation may be used to help prioritize areas under the Governor's 2020 plan for funding future infrastructure improvements

If you have any questions concerning this project, please contact Solitha Dharman, P.E., at (502) 564-2225, extension 572.

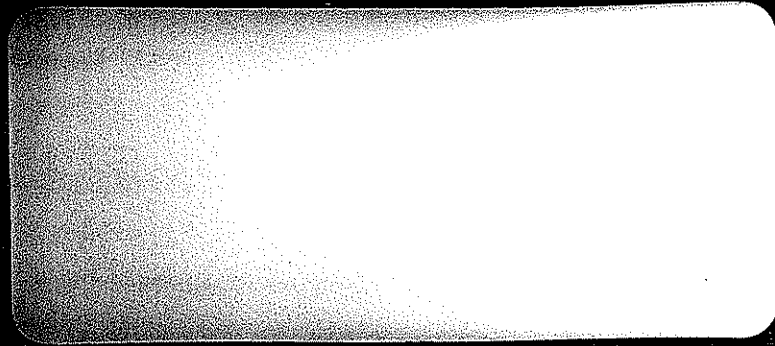
Sincerely,


Donna S. Marlin, Manager
Drinking Water Branch
Division of Water

DSM: SWD

C: Robert D. Stigall, PE., President
Stigall Engineering Associates, Inc.
Livingston County Health Department

	2006	2007	2008	2009
	12 MONTHS	PROJECTED	PROJECTED	INTAKE &
	10 MONTHS ACT	PROJECTED	PROJECTED	75 MILES
REVISED NOV 2006 ACT.				
REVENUES:				
WATER SALES	\$1,557,329	\$1,920,171	\$2,084,547	\$2,126,238
MISCELLANEOUS INCOME:	\$42,273	\$51,742	\$52,757	\$53,812
TOTAL REVENUE:	\$1,599,602	\$1,971,913	\$2,137,303	\$2,180,049
EXPENSES:				
MAINTENANCE	\$51,908	\$64,158	\$66,083	\$68,066
TREATMENT	\$112,447	\$138,984	\$143,154	\$147,449
OTHER COSTS	\$12,481	\$15,427	\$15,889	\$16,366
GENERAL & ADMINISTRATIVE	\$586,843	\$725,338	\$747,098	\$769,511
TOTAL EXPENSES	<u>\$763,679</u>	<u>\$943,907</u>	<u>\$972,224</u>	<u>\$1,001,391</u>
OPERATING INCOME	\$1,003,108	\$1,028,006	\$1,165,079	\$1,178,658
DEBT SERVICE	\$783,000	\$924,000	\$924,000	\$1,123,776
NET INCOME W/O DEPRECIATION	\$220,108	\$104,006	\$241,079	\$54,882
COVERAGE RATIO:	1.28	1.11	1.26	1.05
INCREASE NEEDED FOR 1.20	NONE	\$80,794	-\$56,279	\$169,873
PERCENTAGE INC. ACROSS:	NONE	4.21%	NONE	7.79%



STIGALL ENGINEERING ASSOCIATES, INC.
Consulting Engineers

FINAL ENGINEERING REPORT

Case No. 2007-00094

**CRITTENDEN-LIVINGSTON
COUNTY WATER DISTRICT**

**XIII
WATER SYSTEM IMPROVEMENTS**

RECEIVED

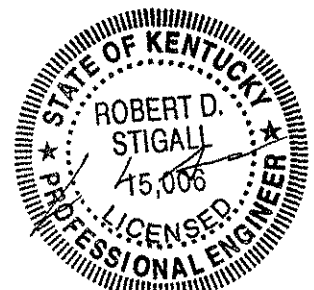
MAR 6 2007

PUBLIC SERVICE
COMMISSION

Prepared By:

**STIGALL ENGINEERING ASSOCIATES, INC.
4117 Hillsboro Pike, Suite 206
Nashville, Tennessee 37215**

**January, 2007
SEA Project No. 0357**



1-31-07

**Final Engineering Report
Crittenden-Livingston County Water District
Phase XIII Water System Improvements**

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I. **PURPOSE OF THE REPORT**

The purpose of this report is to present the results of a final engineering study of proposed water distribution system improvements for the Crittenden-Livingston County Water District. The proposed project will provide potable water service to approximately 225 residences in rural Crittenden and Livingston Counties. Figure 1, located in the back of this report shows the approximate location of the proposed lines.

In addition, the District is proposing to increase the capacity of its raw water intake structure. The existing treatment facility had a rated capacity of 2.0 MGD, however, the intake can provide only 1.65 MGD – 1.70 MGD per unit depending upon the level of the Cumberland River. The District wants to eliminate this weak link in its system.

II. GENERAL INFORMATION & EXISTING FACILITIES

The Crittenden-Livingston County Water District completed a project to increase the capacity of its water treatment facility from 0.5 to 2.0 MGD in 2001. These improvements were made to allow the Crittenden-Livingston County Water District to serve the communities of Grand Rivers, Smithland, and Ledbetter and to allow for growth into currently unserved areas of both Crittenden and Livingston counties. As such, the District's infrastructure is well equipped to accommodate the line extensions proposed in this project and referred to as Phase XIII.

III. PROPOSED FACILITIES

In order to provide the proposed customers with potable water service, the following improvements are proposed:

Crittenden County:

The installation of approximately 1,100 l.f. of water line and appurtenances to serve three households along Lark Loop Road.

The installation of approximately 4,200 l.f. of water line and appurtenances to serve seven households along Hunt Road.

The installation of approximately 3,200 l.f. of water line and appurtenances to serve five households along New Salem Road.

The installation of approximately 6,300 l.f. of water line and appurtenances to serve two households along Irama-White Road.

The installation of approximately 11,600 l.f. of water line and appurtenances to serve fourteen households along View Road - Dameron Road.

The installation of approximately 5,800 l.f. of water line and appurtenances to serve four households along Red Road.

The installation of approximately 5,800 l.f. of water line and appurtenances to serve four households along Fritts Road.

The installation of approximately 5,300 l.f. of water line and appurtenances to serve two households along Guggenheim Road.

The installation of approximately 3,200 l.f. of water line and appurtenances to serve two households along Fishtrap Road.

The installation of approximately 20,100 l.f. of water line and appurtenances to serve twelve households along Dam 50 Road.

The installation of approximately 5,300 l.f. of water line and appurtenances to serve three households along Earl Hurst Road.

The installation of approximately 15,300 l.f. of water line and appurtenances to serve eight households along Claude Belt Road.

The installation of approximately 12,700 l.f. of water line and appurtenances to serve seven households along Turkey Knob Road.

The installation of approximately 22,700 l.f. of water line and appurtenances to serve eight households along Blackford Church Road.

The installation of approximately 19,000 l.f. of water line and appurtenances to serve five households along Highway 13 (River Road).

The installation of approximately 4,200 l.f. of water line and appurtenances to serve one household along W. E. Newcomb Road.

The installation of approximately 9,500 l.f. of water line and appurtenances to serve five households along Chapel Hill Road.

The installation of approximately 4,800 l.f. of water line and appurtenances to serve four households along Allen Lane.

The installation of approximately 1,600 l.f. of water line along Mexico Road.

The installation of approximately 4,800 l.f. of water line and appurtenances to serve four households along Low Water Road.

The installation of approximately 2,600 l.f. of water line and appurtenances to serve three households along Yoder Road.

The installation of approximately 2,600 l.f. of water line for tie-in on Nunn Switch Road.

The installation of approximately 2,600 l.f. of water line for a tie-in on Fisthrap Road.

The installation of approximately 11,600 l.f. of water line and appurtenances to serve six households along Cecil Croft Road.

Livingston County:

The installation of approximately 1,600 l.f. of water line along Hughes Road.

The installation of approximately 3,200 l.f. of water line and appurtenances to serve five households along Ross Cemetary Road.

The installation of approximately 8,400 l.f. of water line and appurtenances to serve ten households along Highway 135 (Carrsville).

The installation of approximately 4,800 l.f. of water line and appurtenances to serve two households along Weaver Road.

The installation of approximately 2,100 l.f. of water line and appurtenances to serve two households along Old Salem Road.

The installation of approximately 5,800 l.f. of water line and appurtenances to serve five households along Bid Southern Road.

The installation of approximately 9,500 l.f. of water line and appurtenances to serve eight households along Wright Road.

The installation of approximately 13,700 l.f. of water line and appurtenances to serve nine households along Cedar Grove Road.

The installation of approximately 2,600 l.f. of water line and appurtenances to serve two households along Bonanza Road.

The installation of approximately 15,800 l.f. of water line and appurtenances to serve nine households along Vickburg Road.

The installation of approximately 6,300 l.f. of water line and appurtenances to serve four households along Pisgah Road.

The installation of approximately 4,200 l.f. of water line and appurtenances to serve two households along Kitchens Road.

The installation of approximately 24,800 l.f. of water line and appurtenances to serve nine households along Maxfield Road.

The installation of approximately 25,300 l.f. of water line and appurtenances to serve thirteen households along Highway 137.

The installation of approximately 19,500 l.f. of water line and appurtenances to serve eight households along Frank May Road.

The installation of approximately 5,300 l.f. of water line and appurtenances to serve three households along Lick Skillet Road.

The installation of approximately 5,300 l.f. of water line and appurtenances to serve two households and a campground along Jack Walken Road.

The installation of approximately 9,000 l.f. of water line and appurtenances to serve thirteen households along Scotts Chapel Road.

The installation of approximately 4,200 l.f. of water line and appurtenances to serve five households along Tiline Dycusburg.

IV. BUDGET AND FINANCING METHODS

The Crittenden-Livingston County Water District is requesting financial assistance from the Kentucky Infrastructure Authority to construct the proposed water system improvements along with funding from Crittenden and Livingston Counties.

A. As-Bid Construction Data:

The as-bid construction project and the project budget for the proposed improvements, including proposed methods of financing, are as follows:

Estimated Construction Cost:

Phase XIII Water System Improvements.....	\$ 3,334,170
Intake Project (lump sum – low bid)	<u>\$ 792,000</u>

Total Estimated Construction Cost..... \$ 4,126,170

B. Estimated Project Budget:

Construction	\$ 4,126,170
Engineering	\$ 278,400
Inspection.....	\$ 129,000
Legal & Administrative.....	\$ 15,000
Land & Right-of-Way.....	\$ 25,000
Bonds & Issuance	\$ 70,000
Interim Financing.....	\$ 90,000
Contingencies	<u>\$ 86,430</u>

Total Estimated Project Budget..... \$ 4,820,000

C. Proposed Method of Financing

KIA Bond Issuance.....	\$ 2,650,000
Remaining funds from Phase IX.....	\$ 150,000
Crittenden County	\$ 800,000
Livingston County.....	\$ 100,000
Combined Crittenden & Livingston Counties.....	\$ 1,000,000
Tap Fees	<u>\$ 120,000</u>

Total Proposed Method of Financing \$ 4,820,000

V. EFFECT OF PROPOSED BUDGET ON REVENUE & EXPENSES

The latest completed audit of the District (ending December 31, 2005) shows total revenues of \$1,608,045 and total operating expenses of \$1,397,872, including depreciation. Interest expenses of \$385,844 coupled with other income and expenses resulted in a net loss of \$167,250 for the District in 2005. However, the District had \$692,450 in capital contributions for a net increase in assets of \$525,160.

The District recently completed its Phase IX and XII projects and has implemented a rate increase in February, 2006.

The completion of these projects coupled with the rate increase should result in revenues of approximately \$1.92 million for the audit period ending December 31, 2006. This should leave approximately \$1.0 million after expenses, not including depreciation and debt service, for a coverage of 1.28 for retirement of debt. The annual debt service for this project is estimated to be approximately \$199,000. This will result in annual debt service requirements of approximately \$1,123,760 in 2009. Using a coverage rating of 1.2, the revenues need to exceed expenses by approximately \$1,348,440. As such, revenues will need to increase by approximately \$170,000 by 2009 to maintain coverage or a rate increase will be necessary.

VI. EXISTING WATER RATES AND CONNECTION FEES

The Crittenden-Livingston County Water District placed into effect the following rates (which are currently in use) for their customers on February 1, 2006. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of the Public Service Commission (PSC) prior to the effective date.

A. Monthly Water Rates - Existing

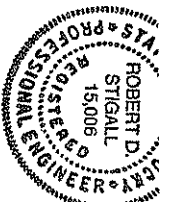
<u>Rate Block: 5/8" x 3/4" Meter</u>	<u>Rate per 1,000 Gallons</u>
First 1,000 Gallons.....	\$ 16.00 (Minimum)
Next 9,000 Gallons	\$ 9.10 per 1,000 gallons
Next 10,000 Gallons	\$ 7.80 per 1,000 gallons
Over 20,000 Gallons.....	\$ 6.15 per 1,000 gallons

<u>Rate Block: 1" Meter</u>	<u>Rate per 1,000 Gallons</u>
First 5,000 Gallons.....	\$ 52.40 (Minimum)
Next 5,000 Gallons	\$ 9.10 per 1,000 gallons
Next 10,000 Gallons	\$ 7.80 per 1,000 gallons
Over 20,000 Gallons.....	\$ 6.15 per 1,000 gallons

<u>Rate Block: 2" Meter</u>	<u>Rate per 1,000 Gallons</u>
First 15,000 Gallons.....	\$136.90 (Minimum)
Next 5,000 Gallons	\$ 7.80 per 1,000 gallons
Over 20,000 Gallons.....	\$ 6.15 per 1,000 gallons
Bulk Sales	\$ 6.15 per 1,000 gallons

VII. CONCLUSION

According to the results of the investigations and studies as presented in this Preliminary Engineering Report, it is our considered opinion that the construction of the Crittenden-Livingston County Water District Water System Improvements (Phase XIII) is sound and feasible when supported by an appropriate rate increase in the range of 7.8% unless additional grant funds are secured by the time the permanent debt is issued.



2006 WATER SYSTEM IMPROVEMENTS
CRITTENDEN/LIVINGSTON WATER DIST.
PHASE XIII - WATER LINE ADDITIONS
LOCATION MAP & INDEX

DESIGNED	RDS
DRAWN	RLP
CHECKED	RDS
APPROVED	RDS
DATE	JUNE 2006
SCALE	NONE
SHEET NO.	
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S&P PROJECT NO.	0357

PRV LOCATION - TYP.

