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

August 6, 2009

Mr. Jeff Derouen
Executive Director
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

2009-00331

RECEIVED
AUG 10 2009
PUBLIC SERVICE COMMISSION

Re: Bath County Water District - Public Service Commission Application for the Water System Improvements Project

Dear Mr. Derouen:

Enclosed please find the original and ten (10) copies of the Application of the Bath County Water District for an Order approving increased rates and a Certificate of Public Convenience and Necessity to construct and finance a water improvement project pursuant to KRS 278.023.

Also enclosed are eleven (11) copies of the exhibits required, with the **exception of the Preliminary and Final Engineering Reports two (2) are enclosed**.

If you need any additional information or documentation, please let us know.

Sincerely,

Rubin & Hays

By W. Randall Jones

WRJ:jlm
Enclosures
cc: Distribution List

**DISTRIBUTION LIST**

Account No. 2022.0000

**Re: Bath County Water District Waterworks Revenue Bonds, Series 2009, in the principal amount of $259,000**

Mr. Vernon Brown
Acting State Director
USDA, Rural Development
771 Corporate Drive, Suite 200
Lexington, Kentucky 40503-5477
Telephone: (859) 224-7336
Fax: (859) 224-7340

Ms. Pam Farmer
USDA, Rural Development
220 West First Street
Morehead, Kentucky 40351
Telephone: (606) 784-6447
Fax: (606) 784-2076

Mr. Forrest McKenzie
Bath County Water District
21 Church Street
P.O. Box 369
Salt Lick, Kentucky 40371
Telephone: (606) 683-6363
Fax: (606) 683-9917

James C. Thompson, P.E.
Kentucky Engineering Group, PLLC
P.O. Box 1034
Versailles, Kentucky 40383
Telephone: (859) 351-9849

Earl Rogers III, Esq.
Campbell, Rogers & Hill
154 Flemingsburg Road
Morehead, Kentucky 40351
Telephone: (606) 784-8926
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W. Randall Jones, Esq.
Rubin & Hays
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202
Telephone: (502) 569-7534
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RECEIVED
AUG 10 2009
PUBLIC SERVICE COMMISSION

**COMMONWEALTH OF KENTUCKY**

**BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

| | | |
|---|---|---|
| **THE APPLICATION OF BATH COUNTY WATER DISTRICT OF BATH, MONTGOMERY AND MENIFEE COUNTIES, KENTUCKY, FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT, FINANCE AND INCREASE RATES PURSUANT TO KRS 278.023.** | ) | **CASE NO.** 2009-00331 |

# APPLICATION

This Application of the Bath County Water District ("Applicant") of Bath, Montgomery and Menifee Counties, Kentucky, respectfully shows:

1. That Applicant is a water district of Bath, Montgomery and Menifee Counties, Kentucky, created and existing under and by virtue of Chapter 74 of the Kentucky Revised Statutes.

2. That the post office address of Applicant is:

Bath County Water District
c/o Ms. Kelly Wilson, Chairperson
P.O. Box 369
Salt Lick, Kentucky 40371

3. That Applicant, pursuant to the provisions of KRS 278.020 and 278.023, seeks (i) a Certificate of Public Convenience and Necessity, permitting Applicant to construct a waterworks construction project, consisting of extensions, additions, and improvements (the "Project") to the existing waterworks system of Applicant; (ii) an Order approving revised rates; and (iii) approval of the proposed plan of financing said Project.

4. That the proposed project includes (i) the renovation of an existing 100,000 gallon elevated water storage tank and the pump station serving this tank; and (ii) the construction and installation of approximately 10,600 linear feet of waterline and appurtenances in order to provide potable water to new customers.

5. That Applicant proposes to finance the construction of the Project through (i) the issuance of $259,000 of its Waterworks Revenue Bonds; (ii) a USDA, Rural Development ("RD") Grant in the amount of $112,000; and (iii) a KIA Fund B grant in the amount of $250,000.

Applicant has a commitment from RD to purchase said $259,000 of bonds maturing over a 40-year period, at an interest rate of not exceeding 2.75% per annum, as set out in the RD Letter of Conditions, as amended, filed herewith as an Exhibit.

6. That Applicant does not contemplate having the Project constructed with any deviation from minimum construction standards of this Public Service Commission.

7. That Applicant files herewith the following Exhibits pursuant to 807 KAR 5:069 in support of this Application:

A. Copy of RD Letter of Conditions, as amended.

B. Copy of RD Letter of Concurrence in Bid Award.

C. Copy of Preliminary and Final Engineering Reports.

D. Certified statement from the Chairperson of Applicant, based upon statements of the Engineers for Applicant, concerning the following:

(1) The proposed plans and specifications for the Project have been designed to meet the minimum construction and operating requirements set out in 807 KAR 5:066, Section 4(3) and (4); Section 5(1); Sections 6 and 7; Section 8(1) through (3); Section 9(1) and Section 10;

(2) All other state approvals or permits have already been obtained;

(3) The proposed rates of Applicant shall produce the total revenue requirements set out in the engineering reports; and

(4) Setting out the dates when it is anticipated that construction will begin and end.

8. That Applicant has arranged for the publication, prior to or at the same time this Application is filed, of a Notice of Proposed Rate Change pursuant to Section 2 of 807 KAR 5:069, in the newspapers of general circulation in Applicant's service area and in Bath, Montgomery and Menifee Counties, Kentucky. Said Notice sets out the Applicant's current rates and proposed rates and a short description of the Project. A copy of said Notice is filed herewith as an Exhibit.

9. That the foregoing constitutes the documents necessary to obtain the approval of the Public Service Commission in accordance with Section 278.023 of the Kentucky Revised Statutes and in accordance with the Filing Requirements specified in 807 KAR 5:069, Section 1.

WHEREFORE, Applicant, the Bath County Water District, asks that the Public Service Commission of the Commonwealth of Kentucky grant to Applicant the following:

a. A Certificate of Public Convenience and Necessity permitting Applicant to construct a waterworks project consisting of extensions, additions, and improvements to the existing waterworks system of Applicant.

b. An Order approving the financing arrangements made by Applicant, viz., the issuance of (i) $259,000 of Bath County Water District Waterworks Revenue Bonds at an interest rate of not exceeding 2.75% per annum; (ii) an RD Grant in the amount of $112,000; and (iii) a KIA Fund B grant in the amount of $250,000.

c. An Order approving the proposed increased rates as set out in Section 27 of the Amended RD Letter of Conditions filed herewith as an Exhibit.

BATH COUNTY WATER DISTRICT

By: _____
Chairperson
Board of Water Commissioners

_____
W. Randall Jones, Esq.
Rubin & Hays
Counsel for Applicant
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202
(502) 569-7534

COMMONWEALTH OF KENTUCKY )
) SS:
COUNTY OF BATH )

The undersigned, Kelly Wilson, being duly sworn, deposes and states that she is the Chairperson of the Board of Commissioners of the Bath County Water District, Applicant, in the above proceedings; that she has read the foregoing Application and has noted the contents thereof; that the same is true of her own knowledge, except as to matters which are therein stated on information or belief, and as to those matters, she believes same to be true.

IN TESTIMONY WHEREOF, witness the signature of the undersigned on this July 27, 2009.

Kelly Wilson, Chairperson
Bath County Water District

Subscribed and sworn to before me by Kelly Wilson, Chairperson of the Board of Commissioners of the Bath County Water District, on this July 27, 2009.

My Commission expires: 1-24-2012.

Notary Public

**United States Department of Agriculture**
**Rural Development**
Kentucky State Office

March 30, 2009

Kelly Wilson, Chairperson
Bath County Water District
PO Box 369
Salt Lick, Kentucky 40371

Dear Ms. Wilson:

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 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 and grant 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 $259,000; a RUS grant not to exceed $112,000; and a Kentucky Infrastructure Authority Fund B Grant in the amount of $250,000.

If Rural Development makes the loan, the interest rate will be the lower of the rate in effect at the time of loan approval or the rate in effect at the time of loan closing, unless the applicant otherwise chooses. 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.

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, "Letter of Intent to Meet Conditions," you are agreeing to complete the following as expeditiously as possible:



"USDA is an equal opportunity provider, employer and lender."
To file a complaint of discrimination write USDA, Director, Office of Civil Rights,
1400 Independence Avenue, SW, Washington, DC 20250-9410
or call (800) 795-3272 (voice) or (202) 720-6382 (TDD)

1. Number of Users and Their Contribution:

There shall be 3,647 water users, of which 3,641 are existing users and 6 are new users. The Area Director will review and authenticate the number of user prior to advertising for construction bids. No cash contribution is required by applicant.

2. Grant Agreement:

Attached is a copy of RUS Bulletin 1780-12, "Water and Waste System Grant Agreement," for your review. You will be required to execute a completed form at the time of grant closing.

3. Drug-Free Work Place:

Prior to grant closing, the District will be required to execute Form AD-1049, "Certification Regarding Drug-Free Workplace Requirements (Grants) Alternative I - For Grantees Other Than Individuals."

4. 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 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 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.

5. Recommended Repayment Method:

Payments on this loan shall be made using the Preauthorized Debit (PAD) payment method. This procedure eliminates the need for paper checks and ensures timely receipt of RD loan payments. To initiate PAD payments, Form RD 3550-28, "Authorization Agreement for Preauthorized Payments," should be signed by the District to authorize the electronic withdrawal of funds from your designated bank account on the exact installment payment due date. The Area Director will furnish the necessary forms and further guidance on the PAD procedure.

6. Reserve Accounts:

Reserves must be properly budgeted to maintain the financial viability of any operation. Reserves are important to fund unanticipated emergency maintenance, pay for repairs, and assist with debt service should the need arise.

The District will be required to deposit $95 per month into a "Funded Debt Reserve Account" until the account reaches $11,400. The deposits are to be resumed any time the account falls below the $11,400.

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

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

The District also needs to fund an account for short-lived assets by depositing a sum of $2,080 monthly into the account. The funds in the short-lived asset account may be used by the District as needed to replace or add short-lived assets in the District's water system. This short-lived asset reserve amount replaces any previous short-lived assets requirements previously set with any prior RUS loan.

7. Security Requirements:

A 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 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.

8. Land Rights and Real Property:

The 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. Easements and options are to be secured prior to advertising for construction bids.

9. Organization:

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

10. Business Operations:

The 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 District after review by Rural Development. At no later than loan pre-closing, the 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, delayed payment penalties, disconnect/reconnect fees, bookkeeping, making and delivering required reports and audits.

11. Accounts, Records and Audits:

The District will be required to maintain adequate records and accounts and submit annual budgets and year-end reports (annual audits), in accordance with subsection 1780.47 of RUS Instruction 1780.

The enclosed audit booklet will be used as a guide for preparation of audits. The District shall be required to submit a copy of its audit agreement for review and concurrence by Rural Development prior to pre-closing the loan.

12. 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 District. The District should obtain amounts of coverage as recommended by its attorney, consulting engineer and/or insurance provider.

B. Worker's Compensation - The District will carry worker's compensation insurance for employees in accordance with applicable state laws.

C. Fidelity Bond - The 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 $170,000.

D. Real Property Insurance - The 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 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 District will obtain and maintain adequate coverage on any facilities located in a special flood and mudslide prone areas.

13. 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 "23" of this 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 Area Director is prepared to furnish the necessary guide 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 easements and enforceable options have been obtained, and total funds are committed or available for the project.

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 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.

14. Civil Rights & Equal Opportunity:

You should be aware of and will be required to comply with other federal statute requirements including but not limited to:

A. Section 504 of the Rehabilitation Act of 1973:

Under Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), no handicapped individual in the United States shall, solely by reason of their handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Rural Development financial assistance.

B. Civil Rights Act of 1964:

All borrowers are subject to, and facilities must be operated in accordance with, Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.) and Subpart E of Part 1901 of this Title, particularly as it relates to conducting and reporting of compliance reviews. Instruments of conveyance for loans and/or grants subject to the Act must contain the covenant required by paragraph 1901.202(e) of this Title.

C. The Americans with Disabilities Act (ADA) of 1990:

This Act (42 U.S.C. 12101 et seq.) prohibits discrimination on the basis of disability in employment, state and local government services, public transportation, public accommodations, facilities, and telecommunications. Title II of the Act applies to facilities operated by state and local public entities that provide services, programs, and activities. Title III of the Act applies to facilities owned, leased, or operated by private entities that accommodate the public.

D. Age Discrimination Act of 1975:

> This Act (42 U.S.C. 6101 et seq.) provides that no person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

Rural Development financial programs must be extended without regard to race, color, religion, sex, national origin, marital status, age, or physical or mental handicap.

15. 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 District.

16. Compliance with Special Laws and Regulations:

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

17. System Operator:

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

18. Prior to Pre-Closing the Loan, the District Will Be Required to Adopt:

A. Form RUS Bulletin 1780-27, "Loan Resolution (Public Bodies)."

B. Form RD 400-1, "Equal Opportunity Agreement."

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. RD Instruction 1940-Q, Exhibit A-1, "Certification for Contracts, Grants and Loans."

G. RUS Bulletin 1780-22, "Eligibility Certification."

19. Refinancing and Graduation Requirements:

The District is reminded that if at any time it shall appear to the Government that the 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 District will apply for and accept such loan in sufficient amount to repay the Government.

20. Commercial Interim Financing:

The 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 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.

21. Disbursement of Project Funds:

A construction account for the purpose of disbursement of project funds (RUS) will be established by the 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.

For each "construction account" as established, if the amount of RUS loan and grant funds plus any applicant contributions or funds from other sources to be deposited into the account are expected to exceed $100,000 at any time, the financial institution will secure the amount in excess of $100,000 by pledging collateral with the Federal Reserve Bank in an amount not less than the excess in accordance with 7 CFR, 1902.7(a).

During construction, the 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 District, the Board of Directors shall review and approve each payment estimate. All bills and vouchers must be approved by Rural Development prior to payment by the District.

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

Borrowers receiving federal loan and/or grant funds by EFT will have funds directly deposited to a specified account at a financial institution with funds being available to the recipient on the date of payment. The borrower should complete Form SF-3881, "Electronic Funds Transfer Payment Enrollment Form," for each account where funds will be electronically received. The completed form(s) must be received by Rural Development at least thirty (30) days prior to the first advance of funds.

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

22. Disbursement of Grant Funds:

The RUS funds will be advanced as they are needed in the amount(s) necessary to cover the RUS proportionate share of obligations due and payable by the District. Grant funds, upon receipt, must be deposited in an interest bearing account in accordance with 7 CFR part 3016 (as applicable). Interest earned on grant funds in excess of $100 (as applicable) per year will be submitted to RUS at least quarterly.

23. Cost of Facility:

Breakdown of Costs:

| | | |
|---|---|---|
| Development | | $ 422,000 |
| Legal and Administrative | | 20,000 |
| Engineering | | 126,800 |
| Interest | | 10,000 |
| Contingencies | | 42,200 |
| | TOTAL | $ 621,000 |

Financing:

| | | |
|---|---|---|
| RUS Loan | | $ 259,000 |
| RUS Grant | | 112,000 |
| KIA Grant - Fund B | | 250,000 |
| | TOTAL | $ 621,000 |

24. Commitment of Other Project Funds:

This Letter of Conditions is issued contingent upon a firm commitment being in effect prior to advertising for construction bids for the Kentucky Infrastructure Authority Fund B grant in the amount of $250,000.

25. Use of Remaining Project Funds:

After providing for all authorized costs, any remaining project funds will be considered to be RUS/KIA grant funds and refunded in proportion to participation in the project. If the amount of unused project funds exceeds the grants, that part would be RUS loan funds.

26. Proposed Operating Budget:

You will be required to submit to Rural Development a copy of your proposed annual operating budget that supports the proposed loan repayment prior to this agency giving you written authorization to proceed with the bidding phase. The operating budget should be based on a typical year cash flow, subject to completion of this project in the first full year of operation. Form RD 442-7, "Operating Budget," or similar form may be utilized for this purpose.

27. Rates and Charges:

Rates and charges for facilities and services rendered by the 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:

| | | | |
|---|---|---|---|
| 5/8" Meter | | | |
| First | 2,000 | gallons @ $ | 11.75. - Minimum Bill. |
| Next | 3,000 | gallons @ $ | 5.20. - per 1,000 gallons. |
| Next | 5,000 | gallons @ $ | 3.90. - per 1,000 gallons. |
| Next | 10,000 | gallons @ $ | 3.30. - per 1,000 gallons. |
| Next | 30,000 | gallons @ $ | 3.10. - per 1,000 gallons. |
| All Over | 50,000 | gallons @ $ | 3.00. - per 1,000 gallons. |
| | | | |
| 1" Meter | | | |
| First | 10,000 | gallons @ $ | 46.85. - Minimum Bill. |
| Next | 10,000 | gallons @ $ | 3.30. - per 1,000 gallons. |
| Next | 30,000 | gallons @ $ | 3.10. - per 1,000 gallons. |
| All Over | 50,000 | gallons @ $ | 3.00. - per 1,000 gallons. |
| | | | |
| 2" Meter | | | |
| First | 50,000 | gallons @ $ | 172.85. - Minimum Bill. |
| All Over | 50,000 | gallons @ $ | 3.00. - per 1,000 gallons. |

Wholesale Rates:

Sharpsburg Water District $2.54 per 1,000 gallons.

City of Frenchburg:

| | | | |
|---|---|---|---|
| First | 100,000 | per day gallons @ $ | 2.66. - per 1,000 gallons. |
| Next | 250,000 | per day gallons @ $ | 2.13. - per 1,000 gallons. |

City of Owingsville:

| | |
|---|---|
| Monthly Debt Service Payment: | $6,067.24 Minimum Bill. |
| All Usage | $ 1.70 - per 1,000 gallons. |

28. Water Purchase Contract:

The District will submit a Water Purchase Contract for approval by Rural Development before advertising for construction bids. If the contract is not on Form RD 442-30, "Water Purchase Contract," the contract will require approval by our Regional Attorney. The contract must meet the requirements of subsection 1780.62 of RUS Instruction 1780.

29. Compliance with the Bioterrorism Act:

Prior to pre-closing, the District will provide a certification they have completed a Vulnerability Assessment (VA) and prepared an emergency response plan (ERP) as required by the Safe Drinking Water Act (SDWA).

30. Floodplain Construction:

The District will be required to pass and adopt a Resolution or amend its By-Laws whereby the District will deny any water service to any future customer wishing to build on or develop property located within a designated floodplain. If a customer or developer requests service for construction in a designated floodplain, the customer or developer must provide evidence and a justification for approval by the District and Rural Development officials that there are no other alternatives to construction or development within the designated floodplain. The community must be a participant in the National Flood Insurance Program (NFIP) and the customer or developer must obtain the required permits prior to the tap on restrictions being waived.

31. Division of Water (DOW) Health & Sanitary Certification:

The Median Household Income (MHI) for the District's service area qualifies this project for the poverty interest rate. A certification from the Division of Water stating this project will remove a health or sanitary problem will be required. This certification must be obtained prior to loan pre-closing.

32. Mitigation Measures:

A. The project shall be in compliance with all requirements noted in the Governor's Office for Local Development letter dated August 7, 2008, from Ms. Lee Nalley.

B. The line design and construction shall be accomplished in a way that will leave flood plains and farmland without effect after construction is complete. The Army Corps of Engineers Nationwide Permit No. 12 applies to all floodplain and wetland utility line construction.

C. Any excavation by Contractor that uncovers a historical or archaeological artifact shall be immediately reported to Owner and a representative of Agency. Construction shall be temporarily halted pending the notification process and further directions issued by Agency after consultation with the State Historic Preservation Officer (SHPO).

D. The design and construction shall be in compliance with all local, state and federal environmental statutes, regulations and executive orders applicable to the project.

E. Best Management Practices shall be incorporated into the project design, construction, and maintenance.

33. American Recovery and Reinvestment Act of 2009 ("Recovery Act"):

Recovery Act requirements apply to this financing. In addition to the other conditions contained in this Letter of Conditions, you must understand and agree to these following conditions specific to the Recovery Act:

(1). Certifications. With respect to Recovery Act funds made available to State or local governments for infrastructure investments, Section 1511 of the Recovery Act requires the Governor, mayor or other chief executive, as appropriate, to certify that the infrastructure investment has been properly approved as required by law and that the chief executive accepts responsibility that the infrastructure investment is an appropriate use of taxpayer dollars. RD Water and Waste personnel will provide specific guidance on the information required in the certification.

(2). Reports on Use of Funds. Section 1512 of the Recovery Act requires each recipient receiving Recovery Act funding to provide specific information to the government on a periodic basis for inclusion in various internal and publicly-available reports. RD Water and Waste Program personnel will provide specific guidance on the type and frequency of information required to assist Recovery Act recipients in complying with this condition.

(3). Buy American. Section 1605 of the Recovery Act requires that all projects financed with Recovery Act funds be bid and constructed using only iron, steel and manufactured goods produced in the United States in accordance with Section 1605 of the Recovery Act. Specific guidance, including contract provisions to be included in any construction contracts, is being formulated and drafted as of the date of this Letter of Conditions. RD Water and Waste Program personnel will provide specific guidance related to this condition as soon as it is available.

(4). Wage Rate Requirements. Section 1606 of the Recovery Act requires that all laborers and mechanics employed by contractors and subcontractors for the project will be paid wages at rates not less than those prevailing on projects of a character similar in the locality where this project will occur. Specific guidance, including contract provisions to be included in any construction or otherwise related contracts, is being formulated and drafted as of the date of this Letter of Conditions. RD Water and Waste Program personnel will provide specific guidance related to this condition as soon as it is available.

**Compliance with the conditions in this section is required for financing under the Recovery Act.** However, these conditions are not substitutes for, or in lieu of, the remaining conditions contained in this Letter of Conditions. Each of the conditions in this Letter of Conditions must also be understood and complied with to receive financing for your project.

34. Final Approval Conditions:

Final approval of this assistance will depend on your willingness, with the assistance of all your co-workers, to meet the conditions of this letter in an orderly and systematic manner. Then too, final approval will depend on funds being available.

If you desire to proceed with your application, the Area Director will allot a reasonable portion of time to provide guidance in application processing.

Sincerely,

Vernon C Brown

VERNON C. BROWN
Acting State Director

Enclosures

cc: Area Director - Morehead, Kentucky
Gateway ADD - Morehead, Kentucky
Rubin & Hays - Louisville, Kentucky
Earl Rogers - Morehead, Kentucky
O'Brien & Gere - Lexington, Kentucky
PSC - ATTN: Dennis Jones - Frankfort, Kentucky

**United States Department of Agriculture**
**Rural Development**
Kentucky State Office

July 20, 2009

Ms. Kelly Wilson, Chairperson
Bath County Water District
PO Box 639
Salt Lick, Kentucky 40371

Re: Letter of Conditions Dated March 30, 2009

Dear Ms. Wilson:

This letter shall serve as Amendment No. 1 to the Letter of Conditions dated March 30, 2009. The purpose of this amendment is to change the rate schedule due to an increase in projected operating and maintenance expenses to allow the system to have a positive cash flow.

Paragraph numbered "27" is revised to read as follows:

" 27. Rates and Charges:

Rates and charges for facilities and services rendered by the 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:

| | | | |
|---|---|---|---|
| 5/8" Meter | | | |
| First | 2,000 | gallons @ $ | 13.75. - Minimum Bill. |
| Next | 3,000 | gallons @ $ | 5.20. - per 1,000 gallons. |
| Next | 5,000 | gallons @ $ | 3.90. - per 1,000 gallons. |
| Next | 10,000 | gallons @ $ | 3.30. - per 1,000 gallons. |
| Next | 30,000 | gallons @ $ | 3.10. - per 1,000 gallons. |
| All Over | 50,000 | gallons @ $ | 3.00. - per 1,000 gallons. |
| | | | |
| 1" Meter | | | |
| First | 10,000 | gallons @ $ | 48.85. - Minimum Bill. |
| Next | 10,000 | gallons @ $ | 3.30. - per 1,000 gallons. |
| Next | 30,000 | gallons @ $ | 3.10. - per 1,000 gallons. |
| All Over | 50,000 | gallons @ $ | 3.00. - per 1,000 gallons. |



"USDA is an equal opportunity provider, employer and lender."
To file a complaint of discrimination write USDA, Director, Office of Civil Rights,
1400 Independence Avenue, SW, Washington, DC 20250-9410
or call (800) 795-3272 (voice) or (202) 720-6382 (TDD).

| | | | |
|---|---|---|---|
| 2" Meter | | | |
| First | 50,000 | gallons @ $ | 174.85. - Minimum Bill. |
| All Over | 50,000 | gallons @ $ | 3.00. - per 1,000 gallons. |

Wholesale Rates:

Sharpsburg Water District $2.54 per 1,000 gallons

City of Frenchburg:

| | | | |
|---|---|---|---|
| Next | 100,000 | per day gallons @ $ | 2.66. - per 1,000 gallons. |
| Next | 250,000 | per day gallons @ $ | 2.13.- per 1,000 gallons. |

City of Owingsville:
Monthly Debt Service Payment: $6,067.24 Minimum Bill
All usage $ 1.70 – per 1,000 gallons. "

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

Sincerely,

Vernon C Brown
VERNON C. BROWN
Acting State Director

cc: Area Director - Morehead, Kentucky
Gateway ADD - Morehead, Kentucky
Rubin & Hays - Louisville, Kentucky
Campbell, Rogers, & Hill - Morehead, Kentucky
KY Engineering - Versailles, Kentucky
PSC - ATTN: Dennis Jones - Frankfort, Kentucky

**United States Department of Agriculture**
**Rural Development**
Kentucky State Office

July 7, 2009

SUBJECT: Bath County Water District
ARRA- Water Tank and System Improvements
Contract Award Concurrence

TO: Area Director
Morehead, Kentucky

Based on the bids received and the recommendation of the consulting engineer, Rural Development concurs in the award of subject contract to the low bidder on Contract 11, Utility Service Company, in the amount of $150,000.00, and the low bidder on Contract 12, Beauty Ridge General Contractors, in the amount of $284,591.00.

If you have any questions, please contact Julie Anderson, State Engineer, at (859) 224-7348.

for VERNON BROWN
Acting State Director
Rural Development

cc: Kentucky Engineering Group
Versailles, Kentucky

Rubin & Hays
Louisville, Kentucky



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To file a complaint of discrimination write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice or TDD).

**CERTIFICATE OF CHAIRPERSON OF BATH COUNTY WATER DISTRICT, AS TO STATEMENT REQUIRED BY SECTION 1(5) OF 807 KAR 5:069**

I, Kelly Wilson, hereby certify that I am the duly qualified and acting Chairperson of the Bath County Water District and that said District is in the process of arranging to finance the construction of extensions, additions and improvements to the existing waterworks system of the District (the "Project"), in cooperation with Kentucky Engineering Group, PLLC, Versailles, Kentucky, the Engineers for the District (the "Engineers").

Based on information furnished to me by said Engineers for the District, I hereby certify as follows:

1. That the proposed plans and specifications for the Project have been designed to meet the minimum construction and operating requirements set out in 807 KAR 5:066 Section 4(3) and (4); Section 5(1); Sections 6 and 7; Section 8(1) through (3); Section 9(1) and Section 10.

2. That all other state approvals and/or permits have already been obtained.

3. That the rates proposed by the District in its current Application filed with the Public Service Commission of Kentucky are contemplated to produce total revenue requirements set out in the Engineering Reports prepared by such Engineers and filed with the Public Service Commission.

4. That it is now contemplated that construction of the Project will begin on or about September 1, 2009, and will end on or about January 1, 2010.

IN TESTIMONY WHEREOF, witness my signature this July 27, 2009.

Kelly G. Wilson

Chairperson
Bath County Water District

STATE OF KENTUCKY )
) SS
COUNTY OF BATH )

Subscribed and sworn to before me by Kelly Wilson, Chairperson of the Board of Commissioners of the Bath County Water District, on this July 27, 2009.

Linda Cooper

Notary Public
In and For Said State and County

(Seal of Notary)

# NOTICE OF PROPOSED RATE CHANGE

In accordance with the requirements of the Public Service Commission of the Commonwealth of Kentucky as set out in 807 KAR 5:069, Section 2, notice is hereby given to the customers of the Bath County Water District of a change to the District's rate schedule as set forth herein. The proposed rate change is required by USDA, Rural Development in connection with a loan by RD to the District in the amount of $259,000 to be evidenced by the issuance by the District of its Waterworks Revenue Bonds in such amount, which RD has agreed to purchase provided the District meets certain conditions of RD, including revising the water rates as set forth below:

## Current Monthly Rates

5/8" x 3/4" Meters:

| | |
|---|---|
| First 2,000 gallons | $11.75 minimum bill |
| Next 3,000 gallons | 4.95 per 1,000 gallons |
| Next 5,000 gallons | 3.65 per 1,000 gallons |
| Next 10,000 gallons | 3.05 per 1,000 gallons |
| Next 30,000 gallons | 2.85 per 1,000 gallons |
| All over 50,000 gallons | 2.75 per 1,000 gallons |

1" Meters:

| | |
|---|---|
| First 10,000 gallons | $44.85 minimum bill |
| Next 10,000 gallons | 3.05 per 1,000 gallons |
| Next 30,000 gallons | 2.85 per 1,000 gallons |
| All over 50,000 gallons | 2.75 per 1,000 gallons |

2" Meter:

| | |
|---|---|
| First 50,000 gallons | $160.85 minimum bill |
| All over 50,000 gallons | 2.75 per 1,000 gallons |

## Current Wholesale Rates

| | |
|---|---|
| Sharpsburg Water District | $2.73 per 1,000 gallons |
| City of Frenchburg | $2.32 per 1,000 gallons |
| City of Owingsville | |
| Monthly Debt Service Payment | $4,733.91 minimum bill |
| All Usage | 1.89 per 1,000 gallons |
| Bulk Sales | $7.34 per 1,000 gallons |

## Proposed Monthly Rates

5/8" x 3/4" Meters:

| | |
|---|---|
| First 2,000 gallons | $13.75 minimum bill |
| Next 3,000 gallons | 5.20 per 1,000 gallons |
| Next 5,000 gallons | 3.90 per 1,000 gallons |
| Next 10,000 gallons | 3.30 per 1,000 gallons |
| Next 30,000 gallons | 3.10 per 1,000 gallons |
| All over 50,000 gallons | 3.00 per 1,000 gallons |

1" Meters:

| | |
|---|---|
| First 10,000 gallons | $48.85 minimum bill |
| Next 10,000 gallons | 3.30 per 1,000 gallons |
| Next 30,000 gallons | 3.10 per 1,000 gallons |
| All over 50,000 gallons | 3.00 per 1,000 gallons |

2" Meter:

| | |
|---|---|
| First 50,000 gallons | $174.85 minimum bill |
| All over 50,000 gallons | 3.00 per 1,000 gallons |

## Proposed Wholesale Rates

| | |
|---|---|
| Sharpsburg Water District | $2.73 per 1,000 gallons |
| City of Frenchburg | $2.32 per 1,000 gallons |
| City of Owingsville | |
| Monthly Debt Service Payment | $4,733.91 minimum bill |
| All Usage | 1.89 per 1,000 gallons |
| Bulk Sales | $7.34 per 1,000 gallons |

The RD loan proceeds will be used in conjunction with a KIA Fund B grant in the amount of $250,000 and an RD Grant in the amount of $112,000 to finance the (i) renovation of an existing 100,000 gallon elevated water storage tank and the pump station serving this tank; and (ii) construction and installation of approximately 10,600 linear feet of waterline and appurtenances in order to provide potable water to new customers. Signed: Kelly Wilson, Chairperson, Bath County Water District, Salt Lick, Kentucky.

RECEIVED
AUG 1 0 2009
PUBLIC SERVICE
COMMISSION

# Final Engineering Report
# Bath County Water District
# Water Storage Tank Rehab & System Improvements
## June 2009

**prepared by:**

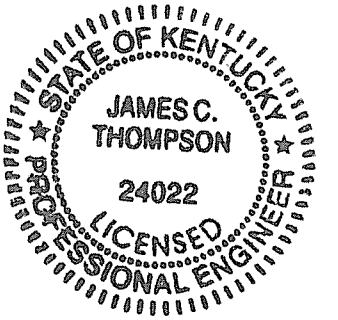
P.O. Box 1034
Versailles, Kentucky 40383
KENTUCKY ENGINEERING GROUP, PLLC

**859.351.9849**

**Submitted By:**

James C. Thompson

**James C. Thompson, P.E.**
**Project Manager**




7-3-09

# FINAL ENGINEERING REPORT
# BATH COUNTY WATER DISTRICT
# STORAGE TANK REHAB & SYSTEM IMPROVEMENTS
# JUNE 2009

Project Planning Area

The Bath County Water District's service area covers all of Bath County with the exception of the Cities of Owingsville and Sharpsburg. Bath County wholesales water to these two communities. In addition to serving customers in Bath County, the District has customers in Menifee and Montgomery Counties and sells a small amount of water to the City of Frenchburg.

In 1990, the population of Bath County was 9,692 persons. By the year 2000, the population had increased 14.3 percent to 11,085. From 1998 to the current time, the customer base of the District has grown 33 percent from 2,723 customers to 3,629 customers today. Approximately 297 of the District's total customers are located in Menifee County and another 262 are located in Montgomery County.

The Kentucky State Data Center projects that by the year 2030, Bath County will grow by 21.4 percent (low projection).

Existing Facilities

The Bath County Water District was established in 1968-9. It began providing water service in June 1970. The District purchases water from the Morehead Utility Plant Board (MUPB) and the City of Mt. Sterling. The District purchases an average of 1,020,000 MGD from MUPB and its contract allows a maximum of 2,066,000 MGD. The District purchases a small amount from Mt. Sterling, averaging approximately 53,000 GPD and the contract allows a maximum of 116,700 GPD.

Bath County wholesales water to the Cities of Sharpsburg, Owingsville, and Frenchburg.

The average amount of water sold to the three cities is shown below.

| City | Average GPD Sold | Contract Maximum |
|---|---|---|
| Frenchburg | 16,700 GPD | 350,000 GPD |
| Sharpsburg | 243,000 GPD | 288,000 GPD |
| Owingsville | 220,000 GPD | 300,000 GPD |

The District has approximately 185 miles of waterline ranging in size from 3 inch to 12 inch. There are six storage tanks in the system with a total capacity of 1,340,000 gallons. There are eight pump stations in the system; four of which are hydro-pneumatic stations.

The District has maintained its system well. Its water loss is approximately 10 percent. A section of pipe along KY 36 is low-pressure class pipe and cannot handle increased pressure.

Need for Project

The existing Owingsville tank has a capacity of 100,000 and cannot be filled at a sufficient rate to service the City of Owingsville and the Sharpsburg Water District. An upgrade to the pump station serving the tank is necessary. Four short line extensions will be installed along Shrout Road, Hartgrove Road, Johnson Ford Road, and Caney Avenue. Currently residents in these areas rely on groundwater and have expressed the desire for a better water supply. In the event of power failures within the District's system, storage tanks can drain and leave customers without water service. Existing pump stations will be retrofitted with generator receptacles and transfer switches to allow the connection of a portable generator in the event of a power failure.

Alternatives Considered

The main alternative considered was the construction of a larger tank within the city limits of Owingsville. However due to local opposition to the location of the proposed tank and the inability to secure a suitable secondary site, this alternative was abandoned.

Proposed Project

The proposed project will rehab the existing 100,000-gallon storage tank and the pump station serving this tank. The pump station upgrade will enable the District to fill the Owingsville tank more than once in a 24-hour period. The improvements proposed were designed following the *Ten States Standards* utilized by the State of Kentucky. A hydraulic model of the District's system was used to determine the appropriate capacity for the pump station to serve the elevated storage tank and provide the volume necessary to meet the demand.

The District is proposing to construct the generator connections to allow the District to continue with water service in the event of an emergency that results in the loss of electrical power.

The line extensions will provide potable water to persons that do not currently have access to public water and have expressed the desire for service.

A map showing the location of the project activities is found in Attachment 1.

Conclusions and Recommendations

The project's two construction contracts were advertised for construction and the bid opening held Friday, June 19, 2009. The bid tabulation forms located in Attachment 2 at the back of this report shows all the bidders and their respective bids. There were two bidders submitting bids for Contract 11 – Storage Tank Rehab with the low bidder being Utility Services. Kentucky Engineering Group, PLLC is familiar with Utility Services and considers them to be a qualified contractor submitting a qualified bid. Utility Services' bid was $150,000.00. There were six bidders submitting bids for Contract 12 – Pump Station Upgrade and Water Line Extensions. The low bidder was Beauty Ridge Construction with a bid of $284,591.00. Kentucky Engineering Group has not had any experience

Construction with a bid of $284,591.00. Kentucky Engineering Group has not had any experience with Beauty Ridge. Kentucky Engineering Group has checked with references for Beauty Ridge and all the references gave favorable reports.

The project budget is:

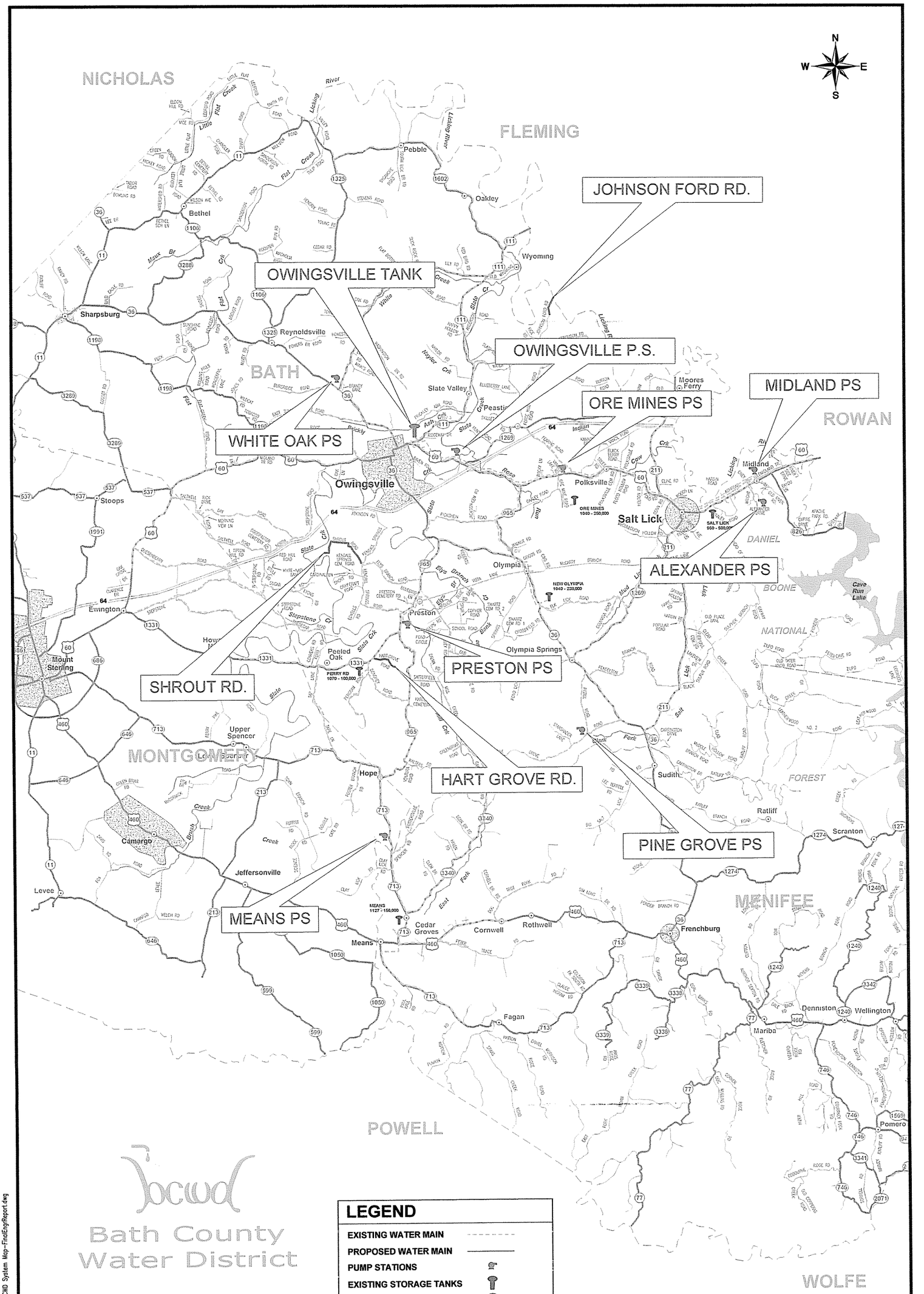
| | | |
|---|---|---|
| Construction | $434,591.00 | |
| Legal & Administrative | $17,500.00 | *(GADD Admin fee = $7,500.00)* |
| Engineering | $137,493.36 | |
| Interest | $10,000.00 | |
| Contingencies | $21,415.64 | |
| | $621,000.00 | |

The funding for the project consists of:

| | |
|---|---|
| RD Loan | $259,000 |
| RD Grant | $112,000 |
| State Grant | $250,000 |
| | $621,000 |

It is the recommendation of Kentucky Engineering Group, PLLC that the Bath County Water District accept the bids of Utility Services in the amount of $150,000.00 and Beauty Ridge Construction in the amount of $284,591.00. Based on the additional costs associated with the project the contingency funds will be reduced to 6% at the start of construction. This recommendation was presented to the Bath County Water District Board of Commissioners on June 22, 2009. Kentucky Engineering Group's letter of recommendation is located in Attachment 3.

The Bath County Water District will be adjusting water rates as a result of this project. After considerable consideration, the District wants to adjust the water rates slightly from the rates listed in the current Rural Development Letter of Conditions. The rates and appropriate pages from the Summary Addendum to the Preliminary Engineering Report are in Attachment 4.




P.O. Box 1034
VERSAILLES, KENTUCKY 40383
KENTUCKY ENGINEERING GROUP, PLLC

# STORAGE TANK REHAB & SYSTEM IMPROVEMENTS

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**BID TABULATION**

BATH COUNTY WATER DISTRICT

CONTRACT NO. 11 - OWINGSVILLE ELEVATED TANK REHABILITATION

FRIDAY, JUNE 19, 2009, 11:30 PM EST

| | | | | Engineers Estimate | | Utility Services, Inc. Perry, GA | | Caldwell Tanks, Inc. Louisville, KY | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Item No. | Description | Quantitiy | Unit | $/unit | Bid Amount | $/unit | Bid Amount | $/unit | Bid Amount | Average Unit Cost | Average Bid Amount |
| 1 | Field Prep., Modifications and Painting 100,000 Gallon Elevated Storage Tank | 1 | LS | $ 85,000.00 | $ 85,000.00 | $ 90,000.00 | $ 90,000.00 | $ 91,800.00 | $ 91,800.00 | $ 88,400.00 | $ 88,400.00 |
| 2 | Containment of Elevated Water Storage Tank | 1 | LS | $ 50,000.00 | $ 50,000.00 | $ 45,000.00 | $ 45,000.00 | $ 62,000.00 | $ 62,000.00 | $ 56,000.00 | $ 56,000.00 |
| 3 | Install Filter Fabric and Regravel Site, Remove and Replace existing Chain Link Fence. | 1 | LS | $ 15,000.00 | $ 15,000.00 | $ 15,000.00 | $ 15,000.00 | $ 11,200.00 | $ 11,200.00 | $ 13,100.00 | $ 13,100.00 |
| **TOTAL CALCULATED BID AMOUNT** | | | | | **$ 150,000.00** | | **$ 150,000.00** | | **$ 165,000.00** | | **$ 157,500.00** |

The above is a true and complete tabulation of the bids received at 11:30 1.m. local time, Friday, June 19, 2008 at the Bath County Water District Office, Salt Lick, Kentucky.

I certify that this is true and accurate tabulation of the bids.

KENTUCKY ENGINEERING GROUP, PLLC

By: James C. Thompson

James C. Thompson, PE
Project Manager

# BID TABULATION

**BATH COUNTY WATER DISTRICT**

**CONTRACT NO. 12 - WATER MAIN EXTENSIONS AND SYSTEM IMPORVEMENTS**

**FRIDAY, JUNE 19, 2009, 11:30 AM EST**

| Item No. | Description | Quantitiy | Unit | ENGINEER'S ESTIMATE $/unit | ENGINEER'S ESTIMATE Bid Amount | Beauty Ridge General Contractors South Shore, KY $/unit | Beauty Ridge General Contractors South Shore, KY Bid Amount | Perkins, Otis, Crooks Olympia, KY $/unit | Perkins, Otis, Crooks Olympia, KY Bid Amount | D.F. Bailey, Inc. Owingsville, KY $/unit | D.F. Bailey, Inc. Owingsville, KY Bid Amount | Emmitt Caskey Construction Vanceburg, KY $/unit | Emmitt Caskey Construction Vanceburg, KY Bid Amount | Kenny, Inc. Mt. Steling, KY $/unit | Kenny, Inc. Mt. Steling, KY Bid Amount | Southern Backhoe, Inc. Campbellsville, KY $/unit | Southern Backhoe, Inc. Campbellsville, KY Bid Amount | Average Unit Cost | Average Bid Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3-inch PVC Pipe, SDR 21 | 10,590 | LF | $ 6.50 | $ 68,835.00 | $ 4.20 | $ 44,478.00 | $ 5.95 | $ 63,010.50 | $ 3.57 | $ 37,806.30 | $ 4.54 | $ 48,078.60 | $ 5.80 | $ 61,422.00 | $ 6.00 | $ 63,540.00 | $ 5.01 | $ 53,055.90 |
| 2 | 3-inch G.V. & Box | 5 | EA | $ 650.00 | $ 3,250.00 | $ 570.00 | $ 2,850.00 | $ 635.00 | $ 3,175.00 | $ 569.36 | $ 2,846.80 | $ 745.00 | $ 3,725.00 | $ 550.00 | $ 2,750.00 | $ 550.00 | $ 2,750.00 | $ 603.23 | $ 3,016.13 |
| 3 | Highway Bore | 50 | LF | $ 100.00 | $ 5,000.00 | $ 85.00 | $ 4,250.00 | $ 90.00 | $ 4,500.00 | $ 78.29 | $ 3,914.50 | $ 55.00 | $ 2,750.00 | $ 40.00 | $ 2,000.00 | $ 80.00 | $ 4,000.00 | $ 71.38 | $ 3,569.08 |
| 4 | Type "B" Creek Crossing | 15 | LF | $ 100.00 | $ 1,500.00 | $ 50.00 | $ 750.00 | $ 43.00 | $ 645.00 | $ 46.31 | $ 694.65 | $ 50.00 | $ 750.00 | $ 40.00 | $ 600.00 | $ 120.00 | $ 1,800.00 | $ 58.22 | $ 873.28 |
| 5 | Wet Tap Connection to Exist. W.M. | 2 | EA | $ 1,500.00 | $ 3,000.00 | $ 1,500.00 | $ 3,000.00 | $ 1,825.00 | $ 3,650.00 | $ 2,083.11 | $ 4,166.22 | $ 1,745.00 | $ 3,490.00 | $ 1,450.00 | $ 2,900.00 | $ 1,200.00 | $ 2,400.00 | $ 1,633.85 | $ 3,267.70 |
| 6 | Connection to Exist. W.M. | 4 | EA | $ 1,000.00 | $ 4,000.00 | $ 1,200.00 | $ 4,800.00 | $ 1,025.00 | $ 4,100.00 | $ 1,281.80 | $ 5,127.20 | $ 1,745.00 | $ 6,980.00 | $ 605.00 | $ 2,420.00 | $ 500.00 | $ 2,000.00 | $ 1,059.47 | $ 4,237.87 |
| 7 | Blow-Off Hydrant Assembly | 4 | EA | $ 850.00 | $ 3,400.00 | $ 850.00 | $ 3,400.00 | $ 900.00 | $ 3,600.00 | $ 1,301.15 | $ 5,204.60 | $ 2,475.00 | $ 9,900.00 | $ 1,500.00 | $ 6,000.00 | $ 2,000.00 | $ 8,000.00 | $ 1,504.36 | $ 6,017.43 |
| 8 | Owingsville Pump Station Upgrade | 1 | LS | $ 35,000.00 | $ 35,000.00 | $ 48,000.00 | $ 48,000.00 | $ 39,360.00 | $ 39,360.00 | $ 50,414.99 | $ 50,414.99 | $ 32,475.00 | $ 32,475.00 | $ 54,100.00 | $ 54,100.00 | $ 50,000.00 | $ 50,000.00 | $ 45,725.00 | $ 45,725.00 |
| 9 | Ore Mines Pump Station - Flow Meter | 1 | LS | $ 7,500.00 | $ 7,500.00 | $ 4,990.00 | $ 4,990.00 | $ 6,000.00 | $ 6,000.00 | $ 21,609.76 | $ 21,609.76 | $ 13,250.00 | $ 13,250.00 | $ 9,150.00 | $ 9,150.00 | $ 10,000.00 | $ 10,000.00 | $ 10,833.29 | $ 10,833.29 |
| 10 | Ore Mines Pump Station - Master Meter | 1 | LS | $ 25,000.00 | $ 25,000.00 | $ 14,850.00 | $ 14,850.00 | $ 8,000.00 | $ 8,000.00 | $ 13,058.50 | $ 13,058.50 | $ 7,445.00 | $ 7,445.00 | $ 11,000.00 | $ 11,000.00 | $ 25,000.00 | $ 25,000.00 | $ 13,225.58 | $ 13,225.58 |
| 11 | Means Pump Station - Master Meter | 1 | LS | $ 25,000.00 | $ 25,000.00 | $ 14,480.00 | $ 14,480.00 | $ 9,450.00 | $ 9,450.00 | $ 14,117.53 | $ 14,117.53 | $ 7,445.00 | $ 7,445.00 | $ 10,600.00 | $ 10,600.00 | $ 20,000.00 | $ 20,000.00 | $ 12,682.09 | $ 12,682.09 |
| 12 | 150 KW Portable Generator | 1 | LS | $ 75,000.00 | $ 75,000.00 | $ 54,780.00 | $ 54,780.00 | $ 69,960.00 | $ 69,960.00 | $ 56,953.85 | $ 56,953.85 | $ 54,250.00 | $ 54,250.00 | $ 87,250.00 | $ 87,250.00 | $ 81,000.00 | $ 81,000.00 | $ 67,365.64 | $ 67,365.64 |
| 13 | 135 KW Portable Generator | 1 | LS | $ 55,000.00 | $ 55,000.00 | $ 30,060.00 | $ 30,060.00 | $ 29,179.68 | $ 29,179.68 | $ 31,252.88 | $ 31,252.88 | $ 32,250.00 | $ 32,250.00 | $ 54,500.00 | $ 54,500.00 | $ 45,000.00 | $ 45,000.00 | $ 37,040.43 | $ 37,040.43 |
| 14 | Ore Mines Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 8,120.00 | $ 8,120.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 12,475.00 | $ 12,475.00 | $ 2,600.00 | $ 2,600.00 | $ 5,000.00 | $ 5,000.00 | $ 7,202.72 | $ 7,202.72 |
| 15 | Wyoming Rd. Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 5,850.00 | $ 5,850.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 34,400.00 | $ 34,400.00 | $ 2,600.00 | $ 2,600.00 | $ 5,000.00 | $ 5,000.00 | $ 10,478.55 | $ 10,478.55 |
| 16 | Preston Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 5,445.00 | $ 5,445.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 8,475.00 | $ 8,475.00 | $ 2,600.00 | $ 2,600.00 | $ 5,000.00 | $ 5,000.00 | $ 6,090.22 | $ 6,090.22 |
| 17 | Means Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 7,738.00 | $ 7,738.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 12,475.00 | $ 12,475.00 | $ 2,600.00 | $ 2,600.00 | $ 5,000.00 | $ 5,000.00 | $ 7,139.05 | $ 7,139.05 |
| 18 | Midland Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 6,700.00 | $ 6,700.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 8,675.00 | $ 8,675.00 | $ 2,600.00 | $ 2,600.00 | $ 5,000.00 | $ 5,000.00 | $ 6,332.72 | $ 6,332.72 |
| 19 | White Oak Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 3,300.00 | $ 3,300.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 3,975.00 | $ 3,975.00 | $ 2,600.00 | $ 2,600.00 | $ 5,000.00 | $ 5,000.00 | $ 4,982.72 | $ 4,982.72 |
| 20 | Alexander Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 4,000.00 | $ 4,000.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 3,975.00 | $ 3,975.00 | $ 2,600.00 | $ 2,600.00 | $ 3,800.00 | $ 3,800.00 | $ 4,899.38 | $ 4,899.38 |
| 21 | Pine Grove Pump Station Quick Connect Generator Receptacle | 1 | LS | $ 4,000.00 | $ 4,000.00 | $ 4,000.00 | $ 4,000.00 | $ 6,900.00 | $ 6,900.00 | $ 8,121.30 | $ 8,121.30 | $ 3,975.00 | $ 3,975.00 | $ 2,600.00 | $ 2,600.00 | $ 3,800.00 | $ 3,800.00 | $ 4,899.38 | $ 4,899.38 |
| 22 | Customer Service Opposite Side | 4 | EA | $ 750.00 | $ 3,000.00 | $ 1,050.00 | $ 4,200.00 | $ 845.00 | $ 3,380.00 | $ 659.53 | $ 2,638.12 | $ 945.00 | $ 3,780.00 | $ 1,260.00 | $ 5,040.00 | $ 800.00 | $ 3,200.00 | $ 926.59 | $ 3,706.35 |
| 23 | Customer Service Same Side | 5 | EA | $ 500.00 | $ 2,500.00 | $ 850.00 | $ 4,250.00 | $ 625.00 | $ 3,125.00 | $ 564.35 | $ 2,821.75 | $ 745.00 | $ 3,725.00 | $ 890.00 | $ 4,450.00 | $ 650.00 | $ 3,250.00 | $ 720.73 | $ 3,603.63 |
| 24 | Additional Service Tubing | 100 | LF | $ 7.00 | $ 700.00 | $ 3.00 | $ 300.00 | $ 5.95 | $ 595.00 | $ 5.14 | $ 514.00 | $ 3.98 | $ 398.00 | $ 4.00 | $ 400.00 | $ 10.00 | $ 1,000.00 | $ 5.35 | $ 534.50 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | **TOTAL BID CALCULATED BID AMOUNT** | | | | **$ 349,685.00** | | **$ 284,591.00** | | **$ 306,930.18** | | **$ 318,112.05** | | **$ 319,116.60** | | **$ 335,382.00** | | **$ 360,540.00** | | **$ 320,778.64** |

The above is a true and complete tabulation of the bids received at 11:30 a.m. local time, Friday, June 19, 2009 at the office of the Bath County Water District, Salt Lick, Kentucky. I certify that this is true and accurate tabulation of the bids.

KENTUCKY ENGINEERING GROUP, PLLC

By: James C. Thompson

James C. Thompson, PE

Project Manager

KENTUCKY ENGINEERING GROUP, PLLC

June 22, 2009

Mrs. Kelly Wilson, Chairman
Bath County Water District
P.O. Box 369
Salt Lick, Kentucky 40371

RE: Recommendation of Award of Construction Contract
Contract No. 11
Owingsville Elevated Water Storage Tank Rehabilitation

Dear Chairman:

Bids for the above referenced project were opened Friday, June 19, 2009 at 11:30 pm local time. Two (2) bids were opened and read a load. The low bidder was Utility Service Company, Inc. with a total bid of $150,000.00.

We recommend to the Bath County Water District that this contract be awarded to the low bidder, Utility Service Company, Inc. in the amount of $150,000.00.

Enclosed along with this letter is the bid tabulation worksheet.

If you have any questions or need additional information please contact me.

Sincerely,

KENTUCKY ENGINEERING GROUP, PLLC

James C. Thompson

James C. Thompson, PE
Project Manager

pc w/enclosure: Utility Service Company, Inc.

File

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KENTUCKY ENGINEERING GROUP, PLLC

June 22, 2009

Mrs. Kelly Wilson, Chairman
Bath County Water District
P.O. Box 369
Salt Lick, Kentucky 40371

RE: Recommendation of Award of Construction Contract
Contract No. 12
Water Main Extensions and System Improvements

Dear Chairman:

Bids for the above referenced project were opened Friday, June 19, 2009 at 11:30 pm local time. Six (6) bids were opened and read a load. The low bidder was Beauty Ridge General Contractors. with a bid of $284,591.00.

We recommend to the Bath County Water District that this contract be awarded to the low bidder, Beauty Ridge General Contractors in the amount of $284,591.00.

Enclosed along with this letter is the bid tabulation worksheet.

If you have any questions or need additional information please contact me.

Sincerely,

KENTUCKY ENGINEERING GROUP, PLLC

James C. Thompson

James C. Thompson, PE
Project Manager

pc w/enclosure: Beauty Ridge General Contractors

File



P.O. Box 1034 • Versailles, Kentucky 40383

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

B. Recommended Rate Schedule with RUS Grant:

5/8 Inch Meter:

| | | | | |
|---|---|---|---|---|
| First | 2,000 | Gallons @ | $13.75 | Minimum |
| Next | 3,000 | Gallons @ | $5.20 | per 1,000 Gallons |
| Next | 5,000 | Gallons @ | $3.90 | per 1,000 Gallons |
| Next | 10,000 | Gallons @ | $3.30 | per 1,000 Gallons |
| Next | 30,000 | Gallons @ | $3.10 | per 1,000 Gallons |
| All Over | 50,000 | Gallons @ | $3.00 | per 1,000 Gallons |

1 Inch Meter

| | | | | |
|---|---|---|---|---|
| First | 10,000 | Gallons @ | $48.85 | Minimum |
| Next | 10,000 | Gallons @ | $3.30 | per 1,000 Gallons |
| Next | 30,000 | Gallons @ | $3.10 | per 1,000 Gallons |
| All Over | 50,000 | Gallons @ | $3.00 | per 1,000 Gallons |

2 Inch Meter

| | | | | |
|---|---|---|---|---|
| First | 50,000 | Gallons @ | $174.85 | Minimum |
| All Over | 50,000 | Gallons @ | $3.00 | per 1,000 Gallons |

Wholesale Rates:

Sharpsburg Water District $2.54 per 1,000 Gallons

City of Frenchburg

| | | | | |
|---|---|---|---|---|
| First | 100,000 Per Day | Gallons @ | $2.66 | per 1,000 Gallons |
| Next | 250,000 Per Day | Gallons @ | $2.13 | per 1,000 Gallons |

City of Owingsville

Monthly Debt Service Payment $6,067.24 Minimum Bill

All Usage $1.70 per 1,000 gallons

## *XXIII. FORECAST OF SEWER - INCOME - EXISTING SYSTEM - EXISTING USERS*

| MONTHLY SEWER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| 5/8 x 3/4 meter | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,000 - 2,000 Gal. | 1,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,000 - 3,000 Gal. | 2,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 3,000 - 4,000 Gal. | 3,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 4,000 - 5,000 Gal. | 4,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 5,000 - 6,000 Gal. | 5,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 6,000 - 7,000 Gal. | 6,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 7,000 - 8,000 Gal. | 7,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 8,000 - 9,000 Gal. | 8,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 9,000 - 10,000 Gal. | 9,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 10,000 - 11,000 Gal. | 10,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 11,000 - 12,000 Gal. | 11,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 12,000 - 13,000 Gal. | 12,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 13,000 - 14,000 Gal. | 13,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 14,000 - 15,000 Gal. | 14,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 15,000 - 16,000 Gal. | 15,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 16,000 - 17,000 Gal. | 16,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 17,000 - 18,000 Gal. | 17,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 18,000 - 19,000 Gal. | 18,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 19,000 - 20,000 Gal. | 19,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 20,000 - Over | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sub-Total | | 0 | 0 | $0 | 0 | 0 | $0 |
| Average Monthly Rate | | #DIV/0! | | | | | | |
| Average Monthly Usage | | | | #DIV/0! | | | #DIV/0! | |
| 1 inch meter | | | | | | | | |
| | | | | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | - | $ - | 0 | - | $ - |
| 2 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 3 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 4 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| | ***Totals*** | | - | - | $ - | - | - | $ - |
| ***Annual Total:*** | | | | | $ - | | | $ - |

## *XXIV. FORECAST OF SEWER - INCOME - NEW USERS - EXTENSION ONLY*

| MONTHLY SEWER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| 5/8 x 3/4 meter | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | - | | 0 | 0 | | 0 | 0 |
| 1,000 - 2,000 Gal. | 1,500 | - | | 0 | 0 | | 0 | 0 |
| 2,000 - 3,000 Gal. | 2,500 | - | | 0 | 0 | | 0 | 0 |
| 3,000 - 4,000 Gal. | 3,500 | - | | 0 | 0 | | 0 | 0 |
| 4,000 - 5,000 Gal. | 4,500 | - | | 0 | 0 | | 0 | 0 |
| 5,000 - 6,000 Gal. | 5,500 | - | | 0 | 0 | | 0 | 0 |
| 6,000 - 7,000 Gal. | 6,500 | - | | 0 | 0 | | 0 | 0 |
| 7,000 - 8,000 Gal. | 7,500 | - | | 0 | 0 | | 0 | 0 |
| 8,000 - 9,000 Gal. | 8,500 | - | | 0 | 0 | | 0 | 0 |
| 9,000 - 10,000 Gal. | 9,500 | - | | 0 | 0 | | 0 | 0 |
| 10,000 - 11,000 Gal. | 10,500 | - | | 0 | 0 | | 0 | 0 |
| 11,000 - 12,000 Gal. | 11,500 | - | | 0 | 0 | | 0 | 0 |
| 12,000 - 13,000 Gal. | 12,500 | - | | 0 | 0 | | 0 | 0 |
| 13,000 - 14,000 Gal. | 13,500 | - | | 0 | 0 | | 0 | 0 |
| 14,000 - 15,000 Gal. | 14,500 | - | | 0 | 0 | | 0 | 0 |
| 15,000 - 16,000 Gal. | 15,500 | - | | 0 | 0 | | 0 | 0 |
| 16,000 - 17,000 Gal. | 16,500 | - | | 0 | 0 | | 0 | 0 |
| 17,000 - 18,000 Gal. | 17,500 | - | | 0 | 0 | | 0 | 0 |
| 18,000 - 19,000 Gal. | 18,500 | - | | 0 | 0 | | 0 | 0 |
| 19,000 - 20,000 Gal. | 19,500 | - | | 0 | 0 | | 0 | 0 |
| 20,000 - Over | | - | | 0 | 0 | | 0 | 0 |
| | Sub-Total | | 0 | 0 | $0 | 0 | 0 | $0 |
| Average Monthly Rate | | #DIV/0! | | | | | | |
| Average Monthly Usage | | | | #DIV/0! | | | #DIV/0! | |
| 1 inch meter | | | | | | | | |
| | | | | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | - | $ - | 0 | - | $ - |
| 2 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 3 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 4 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| | **Totals** | | - | - | $ - | - | #VALUE! | $ - |
| **Annual Total:** | | | | | $ - | | | $ - |

## XXV. FORECAST OF WATER - INCOME - EXISTING SYSTEM

| MONTHLY WATER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| *5/8 x 3/4 meter* | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | $ 13.75 | 757 | 757 | 10,409 | 25 | 25 | 344 |
| 1,000 - 2,000 Gal. | 2,000 | 13.75 | 524 | 1,048 | 7,205 | 7 | 14 | 96 |
| 2,000 - 3,000 Gal. | 3,000 | 18.95 | 543 | 1,629 | 10,290 | 6 | 18 | 114 |
| 3,000 - 4,000 Gal. | 4,000 | 24.15 | 475 | 1,900 | 11,471 | 4 | 16 | 97 |
| 4,000 - 5,000 Gal. | 5,000 | 29.35 | 359 | 1,795 | 10,537 | 2 | 10 | 59 |
| 5,000 - 6,000 Gal. | 6,000 | 33.25 | 248 | 1,488 | 8,246 | 2 | 12 | 67 |
| 6,000 - 7,000 Gal. | 7,000 | 37.15 | 174 | 1,218 | 6,464 | 1 | 7 | 37 |
| 7,000 - 8,000 Gal. | 8,000 | 41.05 | 115 | 920 | 4,721 | 3 | 24 | 123 |
| 8,000 - 9,000 Gal. | 9,000 | 44.95 | 78 | 702 | 3,506 | 1 | 9 | 45 |
| 9,000 - 10,000 Gal. | 10,000 | 48.85 | 60 | 600 | 2,931 | 1 | 10 | 49 |
| 10,000 - 11,000 Gal. | 11,000 | 52.15 | 44 | 484 | 2,295 | 1 | 11 | 52 |
| 11,000 - 12,000 Gal. | 12,000 | 55.45 | 27 | 324 | 1,497 | 0 | 0 | 0 |
| 12,000 - 13,000 Gal. | 13,000 | 58.75 | 25 | 325 | 1,469 | 2 | 26 | 118 |
| 13,000 - 14,000 Gal. | 14,000 | 62.05 | 20 | 280 | 1,241 | 0 | 0 | 0 |
| 14,000 - 15,000 Gal. | 15,000 | 65.35 | 16 | 240 | 1,046 | 1 | 15 | 65 |
| 15,000 - 16,000 Gal. | 16,000 | 68.65 | 16 | 256 | 1,098 | 0 | 0 | 0 |
| 16,000 - 17,000 Gal. | 17,000 | 71.95 | 12 | 204 | 863 | 2 | 34 | 144 |
| 17,000 - 18,000 Gal. | 18,000 | 75.25 | 8 | 144 | 602 | 0 | 0 | 0 |
| 18,000 - 19,000 Gal. | 19,000 | 78.55 | 5 | 95 | 393 | 0 | 0 | 0 |
| 19,000 - 20,000 Gal. | 20,000 | 81.85 | 5 | 100 | 409 | 0 | 0 | 0 |
| 20,000 & Over | 37,140 | 134.98 | 44 | 1,634 | 5,939 | 4 | 149 | 540 |
| | *Sub-Total* | | *3,555* | *16,143* | *$92,632* | *62* | *380* | *$1,948* |
| Average Monthly Rate | | 13.75 | | | | | | |
| Average Monthly Usage | | | | 4,541 | | | 6,122 | |
| *1 inch meter* | | | | | | | | |
| 0 - 10,000 | 3,950 | 48.85 | 7 | 28 | 342 | 3 | 6 | 147 |
| 11,000 - 20,000 | 15,900 | 68.32 | 3 | 48 | 205 | 2 | 6 | 137 |
| 21,000 - 50,000 | 25,400 | 98.59 | 2 | 51 | 197 | 2 | 8 | 197 |
| 50,000 & Over | 149,000 | 471.85 | 0 | 0 | 0 | 1 | 6 | 472 |
| | *Subtotal* | | *12* | *126* | *$ 744* | *8* | *26* | *$ 952* |
| *2 inch meter* | | | | | | | | |
| | 83,700 | 275.95 | 1 | 84 | 276 | 0 | 0 | 0 |
| | 223,500 | 695.35 | 0 | 0 | 0 | 1 | 224 | 695 |
| | | *Subtotal* | *1* | *83.7* | *275.95* | *1* | *224* | *$ 695* |
| *Wholesale - Sharpsburg* | | | | | | | | |
| | 7,290,000 | 18,517 | 0 | 0 | 0 | 1 | 7,290 | 18,517 |
| | | *Subtotal* | *0* | *0* | *0* | *1* | *7,290* | *$ 18,517* |
| *Wholesale - Frenchburg* | | | | | | | | |
| | 500,000 | 1,118 | 0 | 0 | 0 | 1 | 500 | 1,118 |
| | | *Subtotal* | *0* | *0* | *0* | *1* | *500* | *$ 1,118* |
| *Wholesale - Owingsville* | | | | | | | | |
| | 6,000,000 | 14,933.91 | 0 | 0 | 0 | 1 | 6,000 | 14,934 |
| | *Subtotal* | | *0* | *0* | *0* | *1* | *6,000* | *$ 14,934* |
| | **Totals** | | **3,568** | **16,353** | **$ 93,652** | **74** | **14,419** | **$ 38,165** |
| **Annual Total:** | | | | | **$1,123,820** | | | **$ 457,974** |

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

| MONTHLY WATER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| *5/8 x 3/4 meter* | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | 13.75 | 3 | 3 | 41 | | 0 | 0 |
| 1,000 - 2,000 Gal. | 1,500 | 13.75 | 3 | 5 | 41 | | 0 | 0 |
| 2,000 - 3,000 Gal. | 2,500 | 18.95 | | 0 | 0 | | 0 | 0 |
| 3,000 - 4,000 Gal. | 3,500 | 24.15 | | 0 | 0 | | 0 | 0 |
| 4,000 - 5,000 Gal. | 4,500 | 29.35 | | 0 | 0 | | 0 | 0 |
| 5,000 - 6,000 Gal. | 5,500 | 33.25 | | 0 | 0 | | 0 | 0 |
| 6,000 - 7,000 Gal. | 6,500 | 37.15 | | 0 | 0 | | 0 | 0 |
| 7,000 - 8,000 Gal. | 7,500 | 41.05 | | 0 | 0 | | 0 | 0 |
| 8,000 - 9,000 Gal. | 8,500 | 44.95 | | 0 | 0 | | 0 | 0 |
| 9,000 - 10,000 Gal. | 9,500 | 48.85 | | 0 | 0 | | 0 | 0 |
| 10,000 - 11,000 Gal. | 10,500 | 52.15 | | 0 | 0 | | 0 | 0 |
| 11,000 - 12,000 Gal. | 11,500 | 55.45 | | 0 | 0 | | 0 | 0 |
| 12,000 - 13,000 Gal. | 12,500 | 58.75 | | 0 | 0 | | 0 | 0 |
| 13,000 - 14,000 Gal. | 13,500 | 62.05 | | 0 | 0 | | 0 | 0 |
| 14,000 - 15,000 Gal. | 14,500 | 65.35 | | 0 | 0 | | 0 | 0 |
| 15,000 - 16,000 Gal. | 15,500 | 68.65 | | 0 | 0 | | 0 | 0 |
| 16,000 - 17,000 Gal. | 16,500 | 71.95 | | 0 | 0 | | 0 | 0 |
| 17,000 - 18,000 Gal. | 17,500 | 75.25 | | 0 | 0 | | 0 | 0 |
| 18,000 - 19,000 Gal. | 18,500 | 78.55 | | 0 | 0 | | 0 | 0 |
| 19,000 - 20,000 Gal. | 19,500 | 81.85 | | 0 | 0 | | 0 | 0 |
| 20,000 & Over | | - | | 0 | | | 0 | 0 |
| | *Sub-Total* | | *6* | *8* | *$83* | *0* | *0* | *$0* |
| Average Monthly Rate | | 14.98 | | | | | | |
| Average Monthly Usage | | | | 1,250 | | | #DIV/0! | |
| | **Totals** | | **6** | **8** | **$ 83** | **-** | **-** | **$ -** |
| **Annual Total:** | | | | | **$ 990** | | | **$ -** |

## *XXVII. CURRENT OPERATING BUDGET - (SEWER SYSTEM)*

*(As of the last full operating year)* *Year Ending*

| | | |
|---|---|---|
| *A.* | *Operating Income:* | |
| | *Sewer Revenue* | *$0* |
| | *Late Charge Fees* | |
| | *Other (Describe)* | |
| | *Less Allowances and Deductions* | |
| | *Total Operating Income* | *$0* |
| *B.* | *Operation and Maintenance Expenses:* *(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)* | |
| | *Operation Expense* | |
| | *Maintenance Expense* | |
| | *Customer Accounts Expense* | |
| | *Administrative and General Expense* | |
| | *Total Operating Expenses* | *$0* |
| | *Net Operating Income* | *$0* |
| *C.* | *Non-Operating Income:* | |
| | *Interest on Deposits* | |
| | *Other (Identify)* | |
| | *Total Non-Operating Income* | *$0* |
| *D.* | *Net Income* | *$0* |
| *E.* | *Debt Repayment:* | |
| | *RUS Interest* | |
| | *RUS Principal* | |
| | *Non-RUS Interest* | |
| | *Non-RUS Principal* | |
| | *Total Debt Repayment* | *$0* |
| *F.* | *Balance Available for Coverage* | *$0* |

***XXVIII. PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - EXISTING SYSTEM AND NEW USERS*** *(1ST Full Year of Operation)* *Year Ending*

| | | |
|---|---|---|
| *A.* | *Operating Income:* | |
| | *Sewer Revenue* | *$0* |
| | *Late Charge Fees* | |
| | *Other (Describe)* | |
| | *Less Allowances and Deductions* | |
| | *Total Operating Income* | *$0* |
| *B.* | *Operation and Maintenance Expenses:* (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | |
| | *Operation Expense* | |
| | *Maintenance Expense* | |
| | *Customer Accounts Expense* | |
| | *Administrative and General Expense* | |
| | *Total Operating Expenses* | *$0* |
| | *Net Operating Income* | *$0* |
| *C.* | *Non-Operating Income:* | |
| | *Interest on Deposits* | |
| | *Other (Identify)* | |
| | *Total Non-Operating Income* | *$0* |
| *D.* | *Net Income* | *$0* |
| *E.* | *Debt Repayment:* | |
| | *RUS Interest* | |
| | *RUS Principal* | |
| | *Non-RUS Interest* | |
| | *Non-RUS Principal* | |
| | *Total Debt Repayment* | *$0* |
| *F.* | *Balance Available for Coverage* | *$0* |

***XXIX. PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - NEW USERS - EXTENSION ONLY*** *(1ST Full Year of Operation)* *Year Ending*

| | | |
|---|---|---|
| *A.* | *Operating Income:* | |
| | *Sewer Revenue* | *$0* |
| | *Late Charge Fees* | |
| | *Other (Describe)* | |
| | *Less Allowances and Deductions* | |
| | *Total Operating Income* | *$0* |
| *B.* | *Operation and Maintenance Expenses:* *(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)* | |
| | *Operation Expense* | |
| | *Maintenance Expense* | |
| | *Customer Accounts Expense* | |
| | *Administrative and General Expense* | |
| | *Total Operating Expenses* | *$0* |
| | *Net Operating Income* | *$0* |
| *C.* | *Non-Operating Income:* | |
| | *Interest on Deposits* | |
| | *Other (Identify)* | |
| | *Total Non-Operating Income* | *$0* |
| *D.* | *Net Income* | *$0* |
| *E.* | *Debt Repayment:* | |
| | *RUS Interest* | |
| | *RUS Principal* | |
| | *Non-RUS Interest* | |
| | *Non-RUS Principal* | |
| | *Total Debt Repayment* | *$0* |
| *F.* | *Balance Available for Coverage* | *$0* |

## XXX. CURRENT OPERATING BUDGET - (WATER SYSTEM)

(As of the last full operating year) Year Ending 12/31/2008

| | | | |
|---|---|---|---|
| A. | Operating Income: | | |
| | Water Sales | $ | 1,485,431 |
| | Disconnect/Reconnect/Late Charge Fees | $ | 61,967 |
| | Other (Describe) | | |
| | Less Allowances and Deductions | | |
| | Total Operating Income | $ | 1,547,398 |
| B. | Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | | |
| | Source of Supply Expense | $ | 672,719 |
| | Pumping Expense | $ | 53,246 |
| | Water Treatment Expense | $ | - |
| | Transmission and Distribution Expense | $ | 301,741 |
| | Customer Accounts Expense | $ | 59,251 |
| | Administrative and General Expense | $ | 91,487 |
| | Total Operating Expenses | $ | 1,178,444 |
| | Net Operating Income | $ | 368,954 |
| C. | Non-Operating Income: | | |
| | Interest on Deposits | $ | 23,792 |
| | Other (Identify) | | |
| | Total Non-Operating Income | $ | 23,792 |
| D. | Net Income | $ | 392,746 |
| E. | Debt Repayment: | | |
| | RUS Interest | $ | 110,200 |
| | RUS Principal | $ | 57,200 |
| | Non-RUS Interest | $ | 1,020 |
| | Non-RUS Principal | $ | 12,000 |
| | Total Debt Repayment | $ | 180,420 |
| F. | Balance Available for Coverage | $ | 212,326 |

## XXXI. PROPOSED OPERATING BUDGET - (WATER SYSTEM) - EXISTING SYSTEM AND NEW USERS (1st Full Year of Operation) Year Ending 2010

| | | | |
|---|---|---|---|
| A. | Operating Income: | | |
| | Water Sales | $ | 1,582,784 |
| | Disconnect/Reconnect/Late Charge Fees | $ | 50,000 |
| | Other (Describe) Tap Fees & Misc | | |
| | Less Allowances and Deductions | | |
| | Total Operating Income | $ | 1,632,784 |
| B. | Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | | |
| | Source of Supply Expense | $ | 715,000 |
| | Pumping Expense | $ | 60,000 |
| | Water Treatment Expense | $ | - |
| | Transmission and Distribution Expense | $ | 315,000 |
| | Customer Accounts Expense | $ | 60,000 |
| | Administrative and General Expense | $ | 170,000 |
| | Total Operating Expenses | $ | 1,320,000 |
| | Net Operating Income | $ | 312,784 |
| C. | Non-Operating Income: | | |
| | Interest on Deposits | $ | 35,000 |
| | Other (Identify) In house Construction/Equipment Replacement | $ | (50,000) |
| | Total Non-Operating Income | $ | (15,000) |
| D. | Net Income | $ | 297,784 |
| E. | Debt Repayment: | | |
| | RUS Interest | $ | 125,435 |
| | RUS Principal | $ | 52,085 |
| | Non-RUS Interest | | |
| | Non-RUS Principal | | |
| | Total Debt Repayment | $ | 177,520 |
| F. | Balance Available for Coverage | $ | 120,264 |

## XXXII. PROPOSED OPERATING BUDGET - (WATER SYSTEM) - NEW USERS EXTENSION ONLY (1st Full Year of Operation) Year Ending 2010

| | | | |
|---|---|---|---|
| A. | Operating Income: | | |
| | Water Sales | $ | 990 |
| | Disconnect/Reconnect/Late Charge Fees | | |
| | Other (Describe) Tap Fees & Misc | | |
| | Less Allowances and Deductions | | |
| | Total Operating Income | $ | 990 |
| B. | Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | | |
| | Source of Supply Expense | $ | 200 |
| | Pumping Expense | $ | 95 |
| | Water Treatment Expense | $ | - |
| | Transmission and Distribution Expense | $ | 75 |
| | Customer Accounts Expense | $ | 60 |
| | Administrative and General Expense | $ | 100 |
| | Total Operating Expenses | $ | 530 |
| | Net Operating Income | $ | 460 |
| C. | Non-Operating Income: | | |
| | Interest on Deposits | | |
| | Other (Identify) | | |
| | Total Non-Operating Income | $ | - |
| D. | Net Income | $ | 460 |
| E. | Debt Repayment: | | |
| | RUS Interest | $ | 200 |
| | RUS Principal | $ | 85 |
| | Non-RUS Interest | | |
| | Non-RUS Principal | | |
| | Total Debt Repayment | $ | 285 |
| F. | Balance Available for Coverage | $ | 175 |

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# BATH COUNTY WATER DISTRICT
# Owingsville Elevated Water Storage Tank
# Revised
# Preliminary Engineering Report
## June 2008

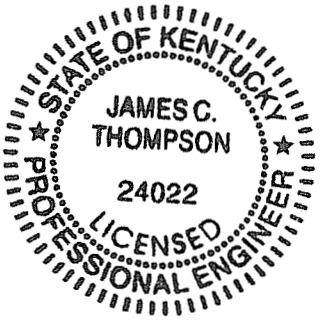
**prepared by:**

**O'Brien & Gere**
**1019 Majestic Drive, Suite 110**
**Lexington, Kentucky 40513**
**859.223.0137**

**Submitted By:**

James C. Thompson

**James C. Thompson, P.E.**
**Project Engineer**



# BATH COUNTY WATER DISTRICT
# REVISED
# PRELIMINARY ENGINEERING REPORT
# STORAGE TANK REHAB & SYSTEM IMPROVEMENTS

---

The Bath County Water District is proposing to rehab an existing 100,000-gallon storage tank that serves the City of Owingsville, a nearby industrial park, the Sharpsburg Water District and a small number of Bath County Water District customers. The pump station serving the Owingsville tank will be upgraded to more efficiently serve the tank. In addition to the storage tank work, the District is proposing to install generator connections at eight pump station sites and extend approximately 10,590 linear feet of water main along Shrout Road, Hartgrove Road, and Johnson Ford Road. If funds are available a very short line will be extended along Caney Avenue in Salt Lick to improve service to the small number of customers in this location.

**Project Planning Area**

The Bath County Water District's service area covers all of Bath County with the exception of the Cities of Owingsville and Sharpsburg. Bath County wholesales water to these two communities. In addition to serving customers in Bath County, the District has customers in Menifee and Montgomery Counties and sells a small amount of water to the City of Frenchburg.

Bath County and the service area in surrounding counties are rural in nature with numerous farms and small communities. A map showing the existing coverage area of the District and the location of the proposed tank construction and pump station upgrade is included at the end of this report.

**Environmental Resources Present**

Bath and Menifee Counties are considered Appalachian Counties. The southeastern portion of Bath and most of Menifee County is located in the Daniel Boone National Forest. Bath County is characterized by rolling hills with scattered communities, some incorporated and many not. Menifee County by contrast has much more hilly terrain and even more sparsely populated.

The Kentucky State Nature Preserves Commission lists numerous plants, fish, birds, mammals, and other species as of special concern, threatened, or endangered. The fact that a large portion of the Water District's service area is in the National Forest often affects when and where facilities are constructed. However, much of the project will take place within the city limits of Owingsville and on property already owned by the Water District (storage tank and pump stations). The line extensions will be along county roads.

The nearest air monitoring stations are in Carter and Fayette Counties. No significant violations have occurred recently at these stations.

There are numerous streams that run through both counties. The 2002 report "*303(d) List of Waters For Kentucky*" identifies a number of streams in Bath County that do not support of one or more designated uses.

**Growth Area and Population Trends**

In 1990, the population of Bath County was 9,692 persons. By the year 2000, the population had increased 14.3 percent to 11,085. From 1998 to the current time, the customer base of the District has grown 33 percent from 2,723 customers to 3,629 customers today. Approximately 297 of the District's total customers are located in Menifee County and another 262 are located in Montgomery County.

The Kentucky State Data Center projects that by the year 2030, Bath County will grow by 21.4 percent (low projection).

**Existing Facilities**

The Bath County Water District was established in 1968-9. It began providing water service in June 1970. The District purchases water from the Morehead Utility Plant Board (MUPB) and the City of Mt. Sterling. The District purchases an average of 1,020,000 MGD from MUPB and its contract allows a maximum of 2,066,000 MGD. The District purchases a small amount from Mt. Sterling, averaging approximately 53,000 GPD and the contract allows a maximum of 116,700 GPD.

Bath County wholesales water to the Cities of Sharpsburg, Owingsville, and Frenchburg.

The average amount of water sold to the three cities is shown below.

| City | Average GPD Sold | Contract Maximum |
|---|---|---|
| Frenchburg | 16,700 GPD | 350,000 GPD |
| Sharpsburg | 243,000 GPD | 288,000 GPD |
| Owingsville | 220,000 GPD | 300,000 GPD |

The District has approximately 185 miles of waterline ranging in size from 3 inch to 12 inch. There are six storage tanks in the system with a total capacity of 1,340,000 gallons. There are eight pump stations in the system; four of which are hydro-pneumatic stations.

The District has maintained its system well. Its water loss is approximately 10 percent. A section of pipe along KY 36 is low-pressure class pipe and cannot handle increased pressure.

## Need for Project

The existing Owingsville tank has a capacity of 100,000 gallons and is not adequate to serve all of Owingsville, Sharpsburg, and the increased demand from this company.

## Alternatives Considered

The main alternative considered was the construction of a larger tank within the city limits of Owingsville. However due to local opposition to the siting of the tank in the location proposed and the inability to secure a suitable secondary site this alternative was abandoned.

## Proposed Project

The proposed project will rehab the existing 100,000-gallon storage tank and the pump station serving this tank. The pump station upgrade will enable the District to fill the Owingsville tank more than once in a 24-hour period. The improvements proposed will be designed following the *Ten States Standards* utilized by the State of Kentucky. O'Brien and Gere, professional engineers for the District, will utilize KYPIPE 2000 to determine the appropriate capacity for the pump station to serve the elevated storage tank and provide the volume necessary to meet the demand.

The District is proposing to construct the generator connections to allow the District to continue with water service in the event of an emergency that results in the loss of electrical power.

The line extensions will provide potable water to persons that do not currently have access to public water and have expressed the desire for service. The possible line extension along Caney Avenue in Salt Lick will improve service to the customers who line on this street. The existing line on Caney Avenue is too small and pressure is below acceptable limits.

The project budget on the following page shows the project costs.

## Financial Status of District and Project Impact

The Summary Addendum to the Preliminary Engineering Report, that details the financial impact of the project on the District, is attached to this report.

O'BRIEN & GERE

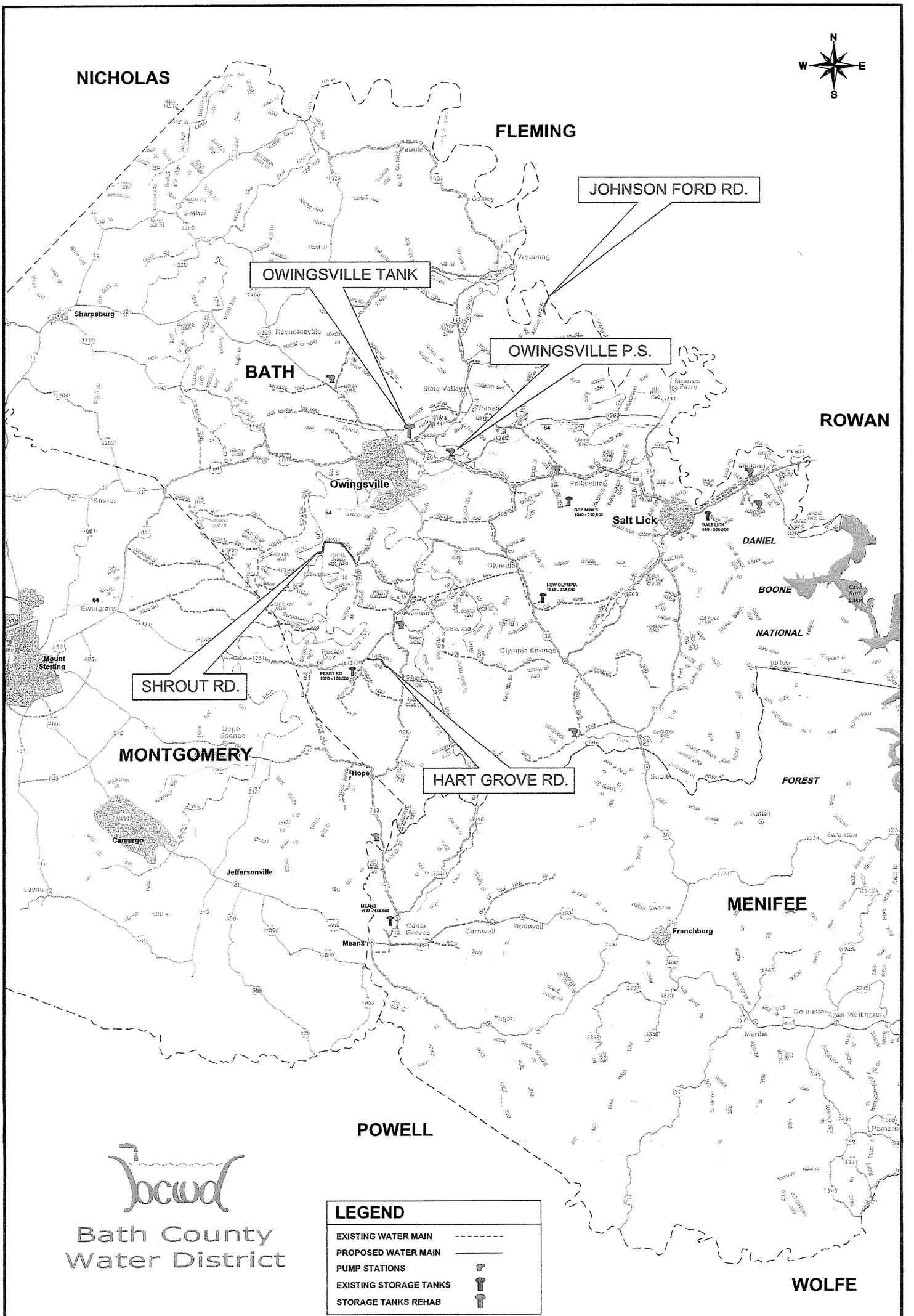
# CONSTRUCTION COST ESTIMATE

**Project :** BCWD - Tank Rehab and System Improvements

**Date :** 06/09/08 **Job No. :** 40060

**Est. By :** JCT **Checked By :**

| ITEM NO. | SUMMARY OF: | QUANTITY NO. OF UNITS | UNIT MEAS. | COST PER UNIT | | TOTAL COST |
|---|---|---|---|---|---|---|
| | | | | | | |
| 1 | 3" PVC SDR 21 (LF) | 10,590 | LF | $ 9.20 | | $ 97,400.00 |
| 2 | 3" G.V. (EA) | 2 | EA | $ 600.00 | | $ 1,200.00 |
| 3 | Highway Bore for 3" W.M. (LF) | 25 | LF | $ 110.00 | | $ 2,750.00 |
| 4 | Type "B" Creek Crossing (LF) | 15 | LF | $ 100.00 | | $ 1,500.00 |
| 5 | Connect To Exist. W.M. w/ Wet Tap (EA) | 1 | EA | $ 2,500.00 | | $ 2,500.00 |
| 6 | Connect To Exist. W.M. (EA) | 4 | EA | $ 1,600.00 | | $ 6,400.00 |
| 7 | Open Cut (LF) | 40 | LF | $ 90.00 | | $ 3,600.00 |
| 8 | BlowOff Hydrant Assembly | 3 | EA | $ 1,550.00 | | $ 4,650.00 |
| 9 | Rehab Existing 100,000 Water Storage Tank | 1 | EA | $ 130,000.00 | | $ 130,000.00 |
| 10 | Owingsville PS Upgrade | 1 | EA | $ 40,000.00 | | $ 40,000.00 |
| 11 | PS Modifications for Accepting Generators | 8 | EA | $ 4,000.00 | | $ 32,000.00 |
| 12 | Portable Generator | 1 | EA | $ 100,000.00 | | $ 100,000.00 |
| | | | | | | |
| | **SUBTOTAL AMOUNT** | | | | | **$ 422,000.00** |
| | **10% CONST. CONTINGENCY** | | | | | **$ 42,200.00** |
| | **PRELIMININARY ENG. & ENVIRONMENTAL REVIEW** | | | | | **$ 2,500.00** |
| | **ENGINEERING DESIGN** | | **10.61%** | | | **$ 44,780.00** |
| | **RESIDENT INSPECTION** | | **7.87%** | | | **$ 33,200.00** |
| | **LEGAL/ADMIN/LAND** | | | | | **$ 20,000.00** |
| | **INTERIM FINANCING** | | | | | **$ 10,000.00** |
| | **ADDITIONAL ENGINEERING (OWINGSVILLE TANK)** | | | | | **$ 45,900.00** |
| | | | | | | |
| | **TOTAL ESTIMATED CONSTRUCTION COST** | | | | | **$ 620,580.00** |




O'BRIEN & GERE ENGINEERS INC.

STORAGE TANK REHAB & SYSTEM IMPROVEMENTS

I:\Projects\BCWD\40060-Owingsville Elev Tank\Documents\Funding Documents\Holly BCWD System Map.dwg

KENTUCKY GUIDE 7
MAY 1998

SUMMARY ADDENDUM

TO

PRELIMINARY ENGINEERING REPORT

DATED: **May 2007**
**REVISED -- June 2008**
**REVISED - September 2008**
**Revised – June 2009**

FOR

# Bath County Water District

APPLICANT CONTACT PERSON: **Forest McKenzie**

APPLICANT PHONE NUMBER: **606.683.6363**

APPLICANT TAX IDENTIFICATION NUMBER (TIN): **61-0712234**

***ITEMS IN BOLD ITALIC PRINT ARE APPLICABLE TO SEWER SYSTEMS.***

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

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

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

General

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

This project will involve the renovation of the existing 100,000 gallon elevated storage tank near the City of Owingsville. The pump station serving the existing Owingsville tank will be upgraded. Eight existing pump stations within the District's system will be retrofitted to accept a portable generator in the case of emergencies. One portable generator will be purchased. Water lines will be extended into three possible four areas that do not currently have water service, the three areas are Shrout Road, Hartgrove Road, and Johnson Ford Road. If funds are available a water line will be extended on Caney Avenue.

## *II. FACILITY CHARACTERISTICS OF EXISTING SEWER SYSTEM*

***A. Sewage Treatment:*** ***Not Applicable***

1. ***Type:***
2. ***Method of Sludge Disposal:***
3. ***Cost per 1,000 gallons if sewage treatment is contracted:***
4. ***Date Constructed:***

***B. Treatment Capacity of Sewage Treatment Plant:***

***C. Type of Sewage Collector System (Describe):***

***D. Number and Capacity of Sewage Lift Stations:***

***E. Sewage Collection System:***

***Lineal Feet of Collector Lines, by size:*** ***6"____ 8"____***
***10"____ 12"____ Larger***

***Date(s) Constructed:***

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

## III. FACILITY CHARACTERISTICS OF EXISTING WATER SYSTEM

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

The Bath County Water District purchases water from the City of Morehead's Utility Plant Board (MUPB). MUPB completed in year 2002 the construction of a new water intake structure and renovation/expansion of its water treatment plant. The District also purchases water from the City of Mt. Sterling. The District purchases an average of 30m gallons a month from MUPB and approximately 2.7m gallons a month from Mt. Sterling.

With the improvements made by MUPB, it has an ample supply of water to sell Bath County.

If the applicant purchases water:

Seller(s):

1. Morehead Utility Plant Board
2. City of Mt. Sterling

Price/1,000 gallons:

1. $18,628.44 Capital Cost, $10.00 meter billing charge, and $0.908 per 1,000 gallons
2. $1.88/1000 gallons

Present Estimated Market Value of Existing System: $

B. Water Storage:

Type: Ground Storage Tank - 5 Elevated Tank - 1
Standpipe - 1 Other

Number of Storage Structures - Six (6)

Total Storage Volume Capacity - 1,340,000

Date Storage Tank(s) Constructed – 1989, 2005, 2006

C. Water Distribution System:

Pipe Material - PVC, ductile iron

Lineal Feet of Pipe: 3"- 220,739 LF 4" – 211,002 LF
6" – 432,594 LF 8" – 81,330 LF
10" – 10,519 LF 12" – 65,174 LF

Date(s) Water Lines Constructed - 1970 and after

Number and Capacity of Pump Station(s) - Nine (9); Fearing Rd – 300 GPM, Wyoming/Owingsville– 230 GPM, Preston – 80 GPM, Means – 135 GPM, Midland – 1000 GPM, White Oak – 50 GPM, Alexander – 10 GPM, Pine Grove – 25 GPM

D. Condition of Existing Water System:

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

The system is in good to excellent condition.

E. Percentage of Water Loss Existing System - Eight (8) percent

## IV. EXISTING LONG-TERM INDEBTEDNESS

A. List of Bonds and Notes:

| DATE OF ISSUE | BOND HOLDER | PRINCIPAL BALANCE | PAYMENT DATE | BOND TYPE* WATER/SEWER | | AMOUNT ON DEPOSIT IN RESERVE ACCOUNT |
|---|---|---|---|---|---|---|
| 1970 | EDA | $35,000 | Jan/July | 100% | | $93,795 in sinking fund and $176,980 in Depreciation Fund at 12/31/07 |
| 1977 | RD | $64,000 | Jan/July | 100% | | |
| 1982 | RD | $72,000 | Jan/July | 100% | | |
| 1988 | RD | $285,000 | Jan/July | 100% | | |
| 1989 | RD | $110,000 | Jan/July | 100% | | |
| 1991 | RD | $86,000 | Jan/July | 100% | | |
| 1994 | RD | $247,000 | Jan/July | 100% | | |
| 1998 | RD | $183,200 | Jan/July | 100% | | |
| 2004 | RD | $500,000 | Jan/July | 100% | | |
| 2006 | RD | $1,039,000 | Jan/July | 100% | | |

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

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

| | | PAYMENT YEAR: 2009 | | PAYMENT YEAR: 2010 | | PAYMENT YEAR: 2011 | |
|---|---|---|---|---|---|---|---|
| DATE OF ISSUE | BOND HOLDER | PRINCIPAL PAYMENT | INTEREST PAYMENT | PRINCIPAL PAYMENT | INTEREST PAYMENT | PRINCIPAL PAYMENT | INTEREST PAYMENT |
| 1970 | EDA | $12,000 | $510 | $0 | $0 | $0 | $0 |
| 1977 | RD | $5,000 | $2,700 | $5,000 | $2,450 | $5,000 | $2,200 |
| 1982 | RD | $3,000 | $3,300 | $3,000 | $3,150 | $4,000 | $3,000 |
| 1988 | RD | $9,000 | $13,450 | $9,000 | $13,000 | $10,000 | $12,550 |
| 1989 | RD | $3,000 | $5,200 | $3,000 | $5,050 | $3,000 | $4,900 |
| 1991 | RD | $2,000 | $4,115 | $2,100 | $4,015 | $2,200 | $3,910 |
| 1994 | RD | $4,500 | $10,710 | $5,000 | $10,510 | $5,000 | $10,283 |
| 1998 | RD | $3,000 | $8,118 | $3,100 | $7,983 | $3,200 | $3,920 |
| 2004 | RD | $5,500 | $21,295 | $6,000 | $21,045 | $6,000 | $20,781 |
| 2006 | RD | $12,000 | $42,135 | $12,500 | $41,630 | $13,000 | $41,105 |

## V. EXISTING SHORT-TERM INDEBTEDNESS

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

| LENDER OR LESSOR | DATE OF ISSUE (MONTH & YEAR) | PRINCIPAL PAYMENT | PURPOSE (WATER and/or SEWER) | PAYMENT DATE | PRINCIPAL & INTEREST PAYMENT | DATE TO BE PAID IN FULL |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |

## VI. LAND AND RIGHTS - EXISTING SYSTEM(S)

| | | |
|---|---|---|
| Number of Treatment Plant Sites: | Water – 0 | ***Sewer*** |
| Number of Storage Tank Sites: | Water - 6 | ***Sewer*** |
| Number of Pump Stations: | Water - 8 | ***Sewer*** |
| Total Acreage: | Water - | ***Sewer*** |
| Purchase Price: | Water $ | ***Sewer $*** |

## VII. NUMBER OF EXISTING USERS

| | Water | ***Sewer*** |
|---|---|---|
| Residential (In Town)* | 3,568 | |
| Residential (Out of Town)* | | |
| Non-Residential (In Town) | 71 | |
| Non-Residential (Out of Town) | 3 (wholesale) | |

| | |
|---|---|
| Total | 3,642 |
| Number of Total Potential Users Living in the Service Area | 2,000 |

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

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

| Meter Size | Water Connection Fee | Sewer Connection Fee |
|---|---|---|
| 5/8" x 3/4" | $400.00 | |
| 1 – Inch & larger | Actual Cost | |

***IX. SEWER RATES (EXISTING SYSTEM)***

***Percentage of water bill _____%. Minimum Charge $ _____.***

***Other: (Sewer charge if not based on water bill)***

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

X. WATER RATES EXISTING SYSTEM

Existing Rate Schedule:

| | |
|---|---|
| 5/8" meter | |
| First 2,000 Gallons | $11.75 minimum bill |
| Next 3,000 Gallons | $4.95 per 1,000 gallons |
| Next 5,000 Gallons | $3.65per 1,000 gallons |
| Next 10,000 Gallons | $3.05 per 1,000 gallons |
| Next 30,000 Gallons | $2.85 per 1,000 gallons |
| Over 50,000 Gallons | $2.75 per 1,000 gallons |
| 1" meter | |
| First 10,000 Gallons | $44.85 minimum bill |
| Next 10,000 Gallons | $3.05 per 1,000 gallons |
| Next 30,000 Gallons | $2.85 per 1,000 gallons |
| Over 50,000 Gallons | $2.75 per 1,000 gallons |
| 2" meter | |
| First 50,000 Gallons | $160.85 minimum bill |
| Over 50,000 Gallons | $2.75 per 1,000 gallons |

Wholesale Rates

| | |
|---|---|
| Sharpsburg Water District | $2.54 per 1,000 gallons |
| City of Frenchburg | |
| First 100,000 per day | $2.66 per 1,000 gallons |
| Next 250,000 per day | $2.13 per 1,000 gallons |
| City of Owingsville | |
| Monthly debt service payment | $4,733.91 minimum bill |
| All Usage | $1.70 per 1,000 gallons |

Date This Rate Went into Effect: June 14, 2006

## *XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM*

***A. Sewage Treatment:*** ***NOT APPLICABLE***

***1. Type:***

***2. Method of Sludge Disposal:***

***3. Cost per 1,000 gallons if sewage treatment is contracted:***

***B. Treatment Capacity of Sewage Treatment Plant:***

***C. Type of Sewage Collector System (Describe):***

***D. Number and Capacity of Sewage Lift Stations:***

***E. Sewage Collection System:***

***Lineal Feet of Collector Lines, by size:*** ***6"____*** ***8"____***
***10"____*** ***12"____*** ***Larger***

## *XIV. LAND AND RIGHTS - PROPOSED SEWER SYSTEM*

***Number of Treatment Plant Sites***

***Number of Pump Stations***

***Number of Other Sites***

***Total Acreage***

***Purchase Price***

## *XI. ANALYSIS OF ACTUAL SEWER USAGE - EXISTING SYSTEM*

| *MONTHLY SEWER USAGE* | *Average* | *Residential* No. of Users | *Residential* Usage 1,000 | *Non-Residential* No. of Users | *Non-Residential* Usage 1,000 |
|---|---|---|---|---|---|
| *5/8 x 3/4 meter* | | | | | |
| *0 - 1,000 Gal.* | *1,000* | | *0* | | *0* |
| *1,000 - 2,000 Gal.* | *1,500* | | *0* | | *0* |
| *2,000 - 3,000 Gal.* | *2,500* | | *0* | | *0* |
| *3,000 - 4,000 Gal.* | *3,500* | | *0* | | *0* |
| *4,000 - 5,000 Gal.* | *4,500* | | *0* | | *0* |
| *5,000 - 6,000 Gal.* | *5,500* | | *0* | | *0* |
| *6,000 - 7,000 Gal.* | *6,500* | | *0* | | *0* |
| *7,000 - 8,000 Gal.* | *7,500* | | *0* | | *0* |
| *8,000 - 9,000 Gal.* | *8,500* | | *0* | | *0* |
| *9,000 - 10,000 Gal.* | *9,500* | | *0* | | *0* |
| *10,000 - 11,000 Gal.* | *10,500* | | *0* | | *0* |
| *11,000 - 12,000 Gal.* | *11,500* | | *0* | | *0* |
| *12,000 - 13,000 Gal.* | *12,500* | | *0* | | *0* |
| *13,000 - 14,000 Gal.* | *13,500* | | *0* | | *0* |
| *14,000 - 15,000 Gal.* | *14,500* | | *0* | | *0* |
| *15,000 - 16,000 Gal.* | *15,500* | | *0* | | *0* |
| *16,000 - 17,000 Gal.* | *16,500* | | *0* | | *0* |
| *17,000 - 18,000 Gal.* | *17,500* | | *0* | | *0* |
| *18,000 - 19,000 Gal.* | *18,500* | | *0* | | *0* |
| *19,000 - 20,000 Gal.* | *19,500* | | *0* | | *0* |
| *20,000 & Over* | | | *0* | | *0* |
| | *Subtotal* | *0* | *0* | *0* | *0* |
| *Average Monthly Usage* | | | *#DIV/0!* | | *#DIV/0!* |
| | ***Totals*** | ***0*** | ***-*** | ***0*** | ***-*** |

## XII. ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM

| MONTHLY WATER USAGE | Average | Residential No. of Users | Residential Usage 1,000 | Commercial No. of Users | Commercial Usage 1,000 |
|---|---|---|---|---|---|
| *5/8 x 3/4 meter* | | | | | |
| 0 - 1,000 Gal. | 1,000 | 756 | 756 | 25 | 25 |
| 1,000 - 2,000 Gal. | 2,000 | 524 | 1,048 | 7 | 14 |
| 2,000 - 3,000 Gal. | 3,000 | 540 | 1,620 | 6 | 18 |
| 3,000 - 4,000 Gal. | 4,000 | 473 | 1,892 | 4 | 16 |
| 4,000 - 5,000 Gal. | 5,000 | 357 | 1,785 | 2 | 10 |
| 5,000 - 6,000 Gal. | 6,000 | 246 | 1,476 | 2 | 12 |
| 6,000 - 7,000 Gal. | 7,000 | 173 | 1,211 | 1 | 7 |
| 7,000 - 8,000 Gal. | 8,000 | 114 | 912 | 3 | 24 |
| 8,000 - 9,000 Gal. | 9,000 | 77 | 693 | 1 | 9 |
| 9,000 - 10,000 Gal. | 10,000 | 60 | 600 | 1 | 10 |
| 10,000 - 11,000 Gal. | 11,000 | 44 | 484 | 1 | 11 |
| 11,000 - 12,000 Gal. | 12,000 | 27 | 324 | 0 | 0 |
| 12,000 - 13,000 Gal. | 13,000 | 25 | 325 | 2 | 26 |
| 13,000 - 14,000 Gal. | 14,000 | 20 | 280 | 0 | 0 |
| 14,000 - 15,000 Gal. | 15,000 | 16 | 240 | 1 | 15 |
| 15,000 - 16,000 Gal. | 16,000 | 16 | 256 | 0 | 0 |
| 16,000 - 17,000 Gal. | 17,000 | 12 | 204 | 2 | 34 |
| 17,000 - 18,000 Gal. | 18,000 | 8 | 144 | 0 | 0 |
| 18,000 - 19,000 Gal. | 19,000 | 5 | 95 | 0 | 0 |
| 19,000 - 20,000 Gal. | 20,000 | 5 | 100 | 0 | 0 |
| 20,000 & Over | 37,140 | 44 | 1,634 | 4 | 149 |
| | *Subtotal* | *3,542* | *16,079* | *62* | *380* |
| Average Monthly Usage | | | 4,540 | | 6,122 |
| *1 inch meter* | | | | | |
| 0 - 10,000 | 3,950 | 7 | 28 | 3 | 12 |
| 11,000 - 20,000 | 15,900 | 3 | 48 | 2 | 32 |
| 21,000 - 50,000 | 25,400 | 2 | 51 | 2 | 51 |
| 50,000 & Over | 149,000 | 0 | 0 | 1 | 149 |
| | *Subtotal* | *12* | *126* | *8* | *243* |
| *2 inch meter* | | | | | |
| | 83,700 | 1 | 84 | 0 | 0 |
| | 223,500 | 0 | 0 | 1 | 224 |
| | *Subtotal* | *1* | *83.7* | *1* | *224* |
| *Wholesale - Sharpsburg* | | | | | |
| | 5,749,000 | 0 | 0 | 1 | 5,749 |
| | *Subtotal* | *0* | *0* | *1* | *5,749* |
| *Wholesale - Frenchburg* | | | | | |
| | 500,000 | 0 | 0 | 1 | 500 |
| | *Subtotal* | *0* | *0* | *1* | *500* |
| *Wholesale - Owingsville* | | | | | |
| | 54,000 | 0 | 0 | 1 | 54 |
| | *Subtotal* | *0* | - | *1* | *54* |
| | **Totals** | **3,555** | **16,289** | **74** | **7,150** |

## XV. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM

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

B. Water Storage:

Type: Ground Storage Tank Elevated Tank One (1) renovated
Standpipe Other

Number of Storage Structures One (1)

Total Storage Volume Capacity 100,000 gallons (no change in capacity)

C. Water Distribution System: -

Pipe Material PVC

| Lineal Feet of Pipe: | | | |
|---|---|---|---|
| | 3" Diameter – | 10,590 LF | 4" |
| | 6" | | 8" – |
| | 10" | | 12" - |

Number and Capacity of Pump Station(s) - Owingsville (Wyoming) Pump Station upgraded to 670 GPM Capacity

## XVI. LAND AND RIGHTS - PROPOSED WATER SYSTEM – *No Additional Land required*

Number of Treatment Plant Sites

Number of Pump Sites

Number of Other Sites

Total Acreage

Purchase Price

## *XVII. NUMBER OF NEW SEWER USERS*

***Residential (In Town)****

***Residential (Out of Town)****

***Non-Residential (In Town)***

***Non-Residential (Out of Town)***

***Total***

***Number of Total Potential Users Living in the Service Area***

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

## *XVIII. PROPOSED SEWER CONNECTION FEES FOR EACH SIZE METER CONNECTION*

| *Meter Size* | *Connection Fee* |
|---|---|
| 5/8" x 3/4" | |
| 1 – Inch and larger | |

## XIX. NUMBER OF NEW WATER USERS

| | |
|---|---|
| Residential (In Town)* | 0 |
| Residential (Out of Town)* | 6 |
| Non-Residential (In Town) | 0 |
| Non-Residential (Out of Town) | 0 |
| Total | 6 |

Number of Total Potential Users Living in the Service Area

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

XX. PROPOSED WATER CONNECTION FEES FOR EACH SIZE METER CONNECTION

| Meter Size | Connection Fee |
|---|---|
| 5/8" x 3/4" | No Change |
| 1 – Inch and larger | |

## *XXI. SEWER RATES - PROPOSED*

*A. Proposed Rate Schedule without RUS Grant:*

***Percentage of water bill _____%. Minimum Charge _____.***

***Other (If charge not based on water bill)***

***Proposed Rate Schedule: (Without RUS Grant)***

| | | | | |
|---|---|---|---|---|
| *First* | _____ | *Gallons @* | *$* _____ | *Minimum* |
| *Next* | _____ | *Gallons @* | *$* _____ | *per 1,000 Gallons* |
| *Next* | _____ | *Gallons @* | *$* _____ | *per 1,000 Gallons* |
| *All Over* | _____ | *Gallons @* | *$* _____ | *per 1,000 Gallons* |

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

*B. Recommended Rate Schedule with RUS Grant:*

***Percentage of water bill _____%. Minimum Charge _____.***

***Other (If charge not based on water bill)***

***Proposed Rate Schedule: (Without RUS Grant)***

| | | | | |
|---|---|---|---|---|
| *First* | _____ | *Gallons @* | *$* _____ | *Minimum* |
| *Next* | _____ | *Gallons @* | *$* _____ | *per 1,000 Gallons* |
| *Next* | _____ | *Gallons @* | *$* _____ | *per 1,000 Gallons* |
| *All Over* | _____ | *Gallons @* | *$* _____ | *per 1,000 Gallons* |

A. Proposed Rate Schedule without RUS Grant:

5/8 Inch Meter:

| | | | | |
|---|---|---|---|---|
| First | 2,000 | Gallons @ | $13.85 | Minimum |
| Next | 3,000 | Gallons @ | $5.25 | per 1,000 Gallons |
| Next | 5,000 | Gallons @ | $3.95 | per 1,000 Gallons |
| Next | 10,000 | Gallons @ | $3.35 | per 1,000 Gallons |
| Next | 30,000 | Gallons @ | $3.15 | per 1,000 Gallons |
| All Over | 50,000 | Gallons @ | $3.05 | per 1,000 Gallons |

1 Inch Meter

| | | | | |
|---|---|---|---|---|
| First | 10,000 | Gallons @ | $49.35 | Minimum |
| Next | 10,000 | Gallons @ | $3.35 | per 1,000 Gallons |
| Next | 30,000 | Gallons @ | $3.15 | per 1,000 Gallons |
| All Over | 50,000 | Gallons @ | $3.05 | per 1,000 Gallons |

2 Inch Meter

| | | | | |
|---|---|---|---|---|
| First | 50,000 | Gallons @ | $177.35 | Minimum |
| All Over | 50,000 | Gallons @ | $3.05 | per 1,000 Gallons |

Wholesale Rates:

Sharpsburg Water District $2.74 per 1,000 Gallons

City of Frenchburg

| | | | | |
|---|---|---|---|---|
| First | 100,000 Per Day | Gallons @ | $2.66 | per 1,000 Gallons |
| Next | 250,000 Per Day | Gallons @ | $2.13 | per 1,000 Gallons |

City of Owingsville

Monthly Debt Service Payment $6,067.24 Minimum Bill

All Usage $1.70 per 1,000 gallons

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

B. Recommended Rate Schedule with RUS Grant:
5/8 Inch Meter:

| | | | | |
|---|---|---|---|---|
| First | 2,000 | Gallons @ | $13.75 | Minimum |
| Next | 3,000 | Gallons @ | $5.20 | per 1,000 Gallons |
| Next | 5,000 | Gallons @ | $3.90 | per 1,000 Gallons |
| Next | 10,000 | Gallons @ | $3.30 | per 1,000 Gallons |
| Next | 30,000 | Gallons @ | $3.10 | per 1,000 Gallons |
| All Over | 50,000 | Gallons @ | $3.00 | per 1,000 Gallons |

1 Inch Meter

| | | | | |
|---|---|---|---|---|
| First | 10,000 | Gallons @ | $48.85 | Minimum |
| Next | 10,000 | Gallons @ | $3.30 | per 1,000 Gallons |
| Next | 30,000 | Gallons @ | $3.10 | per 1,000 Gallons |
| All Over | 50,000 | Gallons @ | $3.00 | per 1,000 Gallons |

2 Inch Meter

| | | | | |
|---|---|---|---|---|
| First | 50,000 | Gallons @ | $174.85 | Minimum |
| All Over | 50,000 | Gallons @ | $3.00 | per 1,000 Gallons |

Wholesale Rates:

Sharpsburg Water District $2.54 per 1,000 Gallons

City of Frenchburg

| | | | | |
|---|---|---|---|---|
| First | 100,000 Per Day | Gallons @ | $2.66 | per 1,000 Gallons |
| Next | 250,000 Per Day | Gallons @ | $2.13 | per 1,000 Gallons |

City of Owingsville
Monthly Debt Service Payment $6,067.24 Minimum Bill
All Usage $1.70 per 1,000 gallons

## *XXIII. FORECAST OF SEWER - INCOME - EXISTING SYSTEM - EXISTING USERS*

| MONTHLY SEWER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| 5/8 x 3/4 meter | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,000 - 2,000 Gal. | 1,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,000 - 3,000 Gal. | 2,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 3,000 - 4,000 Gal. | 3,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 4,000 - 5,000 Gal. | 4,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 5,000 - 6,000 Gal. | 5,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 6,000 - 7,000 Gal. | 6,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 7,000 - 8,000 Gal. | 7,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 8,000 - 9,000 Gal. | 8,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 9,000 - 10,000 Gal. | 9,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 10,000 - 11,000 Gal. | 10,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 11,000 - 12,000 Gal. | 11,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 12,000 - 13,000 Gal. | 12,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 13,000 - 14,000 Gal. | 13,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 14,000 - 15,000 Gal. | 14,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 15,000 - 16,000 Gal. | 15,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 16,000 - 17,000 Gal. | 16,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 17,000 - 18,000 Gal. | 17,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 18,000 - 19,000 Gal. | 18,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 19,000 - 20,000 Gal. | 19,500 | | 0 | 0 | 0 | 0 | 0 | 0 |
| 20,000 - Over | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | Sub-Total | | 0 | 0 | $0 | 0 | 0 | $0 |
| Average Monthly Rate | | #DIV/0! | | | | | | |
| Average Monthly Usage | | | | #DIV/0! | | | #DIV/0! | |
| 1 inch meter | | | | | | | | |
| | | | | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | - | $ - | 0 | - | $ - |
| 2 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 3 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 4 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| | **Totals** | | - | - | $ - | - | - | $ - |
| **Annual Total:** | | | | | $ - | | | $ - |

## *XXIV. FORECAST OF SEWER - INCOME - NEW USERS - EXTENSION ONLY*

| MONTHLY SEWER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| 5/8 x 3/4 meter | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | - | | 0 | 0 | | 0 | 0 |
| 1,000 - 2,000 Gal. | 1,500 | - | | 0 | 0 | | 0 | 0 |
| 2,000 - 3,000 Gal. | 2,500 | - | | 0 | 0 | | 0 | 0 |
| 3,000 - 4,000 Gal. | 3,500 | - | | 0 | 0 | | 0 | 0 |
| 4,000 - 5,000 Gal. | 4,500 | - | | 0 | 0 | | 0 | 0 |
| 5,000 - 6,000 Gal. | 5,500 | - | | 0 | 0 | | 0 | 0 |
| 6,000 - 7,000 Gal. | 6,500 | - | | 0 | 0 | | 0 | 0 |
| 7,000 - 8,000 Gal. | 7,500 | - | | 0 | 0 | | 0 | 0 |
| 8,000 - 9,000 Gal. | 8,500 | - | | 0 | 0 | | 0 | 0 |
| 9,000 - 10,000 Gal. | 9,500 | - | | 0 | 0 | | 0 | 0 |
| 10,000 - 11,000 Gal. | 10,500 | - | | 0 | 0 | | 0 | 0 |
| 11,000 - 12,000 Gal. | 11,500 | - | | 0 | 0 | | 0 | 0 |
| 12,000 - 13,000 Gal. | 12,500 | - | | 0 | 0 | | 0 | 0 |
| 13,000 - 14,000 Gal. | 13,500 | - | | 0 | 0 | | 0 | 0 |
| 14,000 - 15,000 Gal. | 14,500 | - | | 0 | 0 | | 0 | 0 |
| 15,000 - 16,000 Gal. | 15,500 | - | | 0 | 0 | | 0 | 0 |
| 16,000 - 17,000 Gal. | 16,500 | - | | 0 | 0 | | 0 | 0 |
| 17,000 - 18,000 Gal. | 17,500 | - | | 0 | 0 | | 0 | 0 |
| 18,000 - 19,000 Gal. | 18,500 | - | | 0 | 0 | | 0 | 0 |
| 19,000 - 20,000 Gal. | 19,500 | - | | 0 | 0 | | 0 | 0 |
| 20,000 - Over | | - | | 0 | 0 | | 0 | 0 |
| | Sub-Total | | 0 | 0 | $0 | 0 | 0 | $0 |
| Average Monthly Rate | | #DIV/0! | | | | | | |
| Average Monthly Usage | | | | #DIV/0! | | | #DIV/0! | |
| 1 inch meter | | | | | | | | |
| | | | | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | - | $ - | 0 | - | $ - |
| 2 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 3 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| 4 inch meter | | | | | | | | |
| | | | 0 | 0 | 0 | | 0 | 0 |
| | Subtotal | | 0 | 0 | 0 | 0 | - | $ - |
| | ***Totals*** | | - | - | $ - | - | #VALUE! | $ - |
| ***Annual Total:*** | | | | | $ - | | | $ - |

## XXV. FORECAST OF WATER - INCOME - EXISTING SYSTEM

| MONTHLY WATER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| *5/8 x 3/4 meter* | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | $ 13.75 | 757 | 757 | 10,409 | 25 | 25 | 344 |
| 1,000 - 2,000 Gal. | 2,000 | 13.75 | 524 | 1,048 | 7,205 | 7 | 14 | 96 |
| 2,000 - 3,000 Gal. | 3,000 | 18.95 | 543 | 1,629 | 10,290 | 6 | 18 | 114 |
| 3,000 - 4,000 Gal. | 4,000 | 24.15 | 475 | 1,900 | 11,471 | 4 | 16 | 97 |
| 4,000 - 5,000 Gal. | 5,000 | 29.35 | 359 | 1,795 | 10,537 | 2 | 10 | 59 |
| 5,000 - 6,000 Gal. | 6,000 | 33.25 | 248 | 1,488 | 8,246 | 2 | 12 | 67 |
| 6,000 - 7,000 Gal. | 7,000 | 37.15 | 174 | 1,218 | 6,464 | 1 | 7 | 37 |
| 7,000 - 8,000 Gal. | 8,000 | 41.05 | 115 | 920 | 4,721 | 3 | 24 | 123 |
| 8,000 - 9,000 Gal. | 9,000 | 44.95 | 78 | 702 | 3,506 | 1 | 9 | 45 |
| 9,000 - 10,000 Gal. | 10,000 | 48.85 | 60 | 600 | 2,931 | 1 | 10 | 49 |
| 10,000 - 11,000 Gal. | 11,000 | 52.15 | 44 | 484 | 2,295 | 1 | 11 | 52 |
| 11,000 - 12,000 Gal. | 12,000 | 55.45 | 27 | 324 | 1,497 | 0 | 0 | 0 |
| 12,000 - 13,000 Gal. | 13,000 | 58.75 | 25 | 325 | 1,469 | 2 | 26 | 118 |
| 13,000 - 14,000 Gal. | 14,000 | 62.05 | 20 | 280 | 1,241 | 0 | 0 | 0 |
| 14,000 - 15,000 Gal. | 15,000 | 65.35 | 16 | 240 | 1,046 | 1 | 15 | 65 |
| 15,000 - 16,000 Gal. | 16,000 | 68.65 | 16 | 256 | 1,098 | 0 | 0 | 0 |
| 16,000 - 17,000 Gal. | 17,000 | 71.95 | 12 | 204 | 863 | 2 | 34 | 144 |
| 17,000 - 18,000 Gal. | 18,000 | 75.25 | 8 | 144 | 602 | 0 | 0 | 0 |
| 18,000 - 19,000 Gal. | 19,000 | 78.55 | 5 | 95 | 393 | 0 | 0 | 0 |
| 19,000 - 20,000 Gal. | 20,000 | 81.85 | 5 | 100 | 409 | 0 | 0 | 0 |
| 20,000 & Over | 37,140 | 134.98 | 44 | 1,634 | 5,939 | 4 | 149 | 540 |
| | *Sub-Total* | | *3,555* | *16,143* | *$92,632* | *62* | *380* | *$1,948* |
| Average Monthly Rate | | 13.75 | | | | | | |
| Average Monthly Usage | | | | 4,541 | | | 6,122 | |
| *1 inch meter* | | | | | | | | |
| 0 - 10,000 | 3,950 | 48.85 | 7 | 28 | 342 | 3 | 6 | 147 |
| 11,000 - 20,000 | 15,900 | 68.32 | 3 | 48 | 205 | 2 | 6 | 137 |
| 21,000 - 50,000 | 25,400 | 98.59 | 2 | 51 | 197 | 2 | 8 | 197 |
| 50,000 & Over | 149,000 | 471.85 | 0 | 0 | 0 | 1 | 6 | 472 |
| | *Subtotal* | | *12* | *126* | *$ 744* | *8* | *26* | *$ 952* |
| *2 inch meter* | | | | | | | | |
| | 83,700 | 275.95 | 1 | 84 | 276 | 0 | 0 | 0 |
| | 223,500 | 695.35 | 0 | 0 | 0 | 1 | 224 | 695 |
| | | *Subtotal* | *1* | *83.7* | *275.95* | *1* | *224* | *$ 695* |
| *Wholesale - Sharpsburg* | | | | | | | | |
| | 7,290,000 | 18,517 | 0 | 0 | 0 | 1 | 7,290 | 18,517 |
| | | *Subtotal* | *0* | *0* | *0* | *1* | *7,290* | *$ 18,517* |
| *Wholesale - Frenchburg* | | | | | | | | |
| | 500,000 | 1,118 | 0 | 0 | 0 | 1 | 500 | 1,118 |
| | | *Subtotal* | *0* | *0* | *0* | *1* | *500* | *$ 1,118* |
| *Wholesale - Owingsville* | | | | | | | | |
| | 6,000,000 | 14,933.91 | 0 | 0 | 0 | 1 | 6,000 | 14,934 |
| | *Subtotal* | | *0* | *0* | *0* | *1* | *6,000* | *$ 14,934* |
| | **Totals** | | **3,568** | **16,353** | **$ 93,652** | **74** | **14,419** | **$ 38,165** |
| **Annual Total:** | | | | | **$1,123,820** | | | **$457,974** |

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

| MONTHLY WATER USAGE | Average | Average Rate | Residential No. of Users | Residential Usage 1,000 | Residential Income | Commercial No. of Users | Commercial Usage 1,000 | Commercial Income |
|---|---|---|---|---|---|---|---|---|
| *5/8 x 3/4 meter* | | | | | | | | |
| 0 - 1,000 Gal. | 1,000 | 13.75 | 3 | 3 | 41 | | 0 | 0 |
| 1,000 - 2,000 Gal. | 1,500 | 13.75 | 3 | 5 | 41 | | 0 | 0 |
| 2,000 - 3,000 Gal. | 2,500 | 18.95 | | 0 | 0 | | 0 | 0 |
| 3,000 - 4,000 Gal. | 3,500 | 24.15 | | 0 | 0 | | 0 | 0 |
| 4,000 - 5,000 Gal. | 4,500 | 29.35 | | 0 | 0 | | 0 | 0 |
| 5,000 - 6,000 Gal. | 5,500 | 33.25 | | 0 | 0 | | 0 | 0 |
| 6,000 - 7,000 Gal. | 6,500 | 37.15 | | 0 | 0 | | 0 | 0 |
| 7,000 - 8,000 Gal. | 7,500 | 41.05 | | 0 | 0 | | 0 | 0 |
| 8,000 - 9,000 Gal. | 8,500 | 44.95 | | 0 | 0 | | 0 | 0 |
| 9,000 - 10,000 Gal. | 9,500 | 48.85 | | 0 | 0 | | 0 | 0 |
| 10,000 - 11,000 Gal. | 10,500 | 52.15 | | 0 | 0 | | 0 | 0 |
| 11,000 - 12,000 Gal. | 11,500 | 55.45 | | 0 | 0 | | 0 | 0 |
| 12,000 - 13,000 Gal. | 12,500 | 58.75 | | 0 | 0 | | 0 | 0 |
| 13,000 - 14,000 Gal. | 13,500 | 62.05 | | 0 | 0 | | 0 | 0 |
| 14,000 - 15,000 Gal. | 14,500 | 65.35 | | 0 | 0 | | 0 | 0 |
| 15,000 - 16,000 Gal. | 15,500 | 68.65 | | 0 | 0 | | 0 | 0 |
| 16,000 - 17,000 Gal. | 16,500 | 71.95 | | 0 | 0 | | 0 | 0 |
| 17,000 - 18,000 Gal. | 17,500 | 75.25 | | 0 | 0 | | 0 | 0 |
| 18,000 - 19,000 Gal. | 18,500 | 78.55 | | 0 | 0 | | 0 | 0 |
| 19,000 - 20,000 Gal. | 19,500 | 81.85 | | 0 | 0 | | 0 | 0 |
| 20,000 & Over | | - | | 0 | | | 0 | 0 |
| | *Sub-Total* | | *6* | *8* | *$83* | *0* | *0* | *$0* |
| Average Monthly Rate | | 14.98 | | | | | | |
| Average Monthly Usage | | | | 1,250 | | | #DIV/0! | |
| | **Totals** | | **6** | **8** | **$ 83** | **-** | **-** | **$ -** |
| **Annual Total:** | | | | | **$ 990** | | | **$ -** |

## *XXVII. CURRENT OPERATING BUDGET - (SEWER SYSTEM)*

*(As of the last full operating year)* *Year Ending*

| | | |
|---|---|---|
| *A.* | *Operating Income:* | |
| | *Sewer Revenue* | *$0* |
| | *Late Charge Fees* | |
| | *Other (Describe)* | |
| | *Less Allowances and Deductions* | |
| | *Total Operating Income* | *$0* |
| *B.* | *Operation and Maintenance Expenses:* *(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)* | |
| | *Operation Expense* | |
| | *Maintenance Expense* | |
| | *Customer Accounts Expense* | |
| | *Administrative and General Expense* | |
| | *Total Operating Expenses* | *$0* |
| | *Net Operating Income* | *$0* |
| *C.* | *Non-Operating Income:* | |
| | *Interest on Deposits* | |
| | *Other (Identify)* | |
| | *Total Non-Operating Income* | *$0* |
| *D.* | *Net Income* | *$0* |
| *E.* | *Debt Repayment:* | |
| | *RUS Interest* | |
| | *RUS Principal* | |
| | *Non-RUS Interest* | |
| | *Non-RUS Principal* | |
| | *Total Debt Repayment* | *$0* |
| *F.* | *Balance Available for Coverage* | *$0* |

## *XXVIII. PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - EXISTING SYSTEM AND NEW USERS* (1ST Full Year of Operation) Year Ending

| | | |
|---|---|---|
| A. | *Operating Income:* | |
| | *Sewer Revenue* | $0 |
| | *Late Charge Fees* | |
| | *Other (Describe)* | |
| | *Less Allowances and Deductions* | |
| | *Total Operating Income* | $0 |
| B. | *Operation and Maintenance Expenses:* (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | |
| | *Operation Expense* | |
| | *Maintenance Expense* | |
| | *Customer Accounts Expense* | |
| | *Administrative and General Expense* | |
| | *Total Operating Expenses* | $0 |
| | *Net Operating Income* | $0 |
| C. | *Non-Operating Income:* | |
| | *Interest on Deposits* | |
| | *Other (Identify)* | |
| | *Total Non-Operating Income* | $0 |
| D. | *Net Income* | $0 |
| E. | *Debt Repayment:* | |
| | *RUS Interest* | |
| | *RUS Principal* | |
| | *Non-RUS Interest* | |
| | *Non-RUS Principal* | |
| | *Total Debt Repayment* | $0 |
| F. | *Balance Available for Coverage* | $0 |

## *XXIX. PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - NEW USERS - EXTENSION ONLY (1ST Full Year of Operation)* *Year Ending*

| | | |
|---|---|---|
| *A.* | *Operating Income:* | |
| | *Sewer Revenue* | *$0* |
| | *Late Charge Fees* | |
| | *Other (Describe)* | |
| | *Less Allowances and Deductions* | |
| | *Total Operating Income* | *$0* |
| *B.* | *Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)* | |
| | *Operation Expense* | |
| | *Maintenance Expense* | |
| | *Customer Accounts Expense* | |
| | *Administrative and General Expense* | |
| | *Total Operating Expenses* | *$0* |
| | *Net Operating Income* | *$0* |
| *C.* | *Non-Operating Income:* | |
| | *Interest on Deposits* | |
| | *Other (Identify)* | |
| | *Total Non-Operating Income* | *$0* |
| *D.* | *Net Income* | *$0* |
| *E.* | *Debt Repayment:* | |
| | *RUS Interest* | |
| | *RUS Principal* | |
| | *Non-RUS Interest* | |
| | *Non-RUS Principal* | |
| | *Total Debt Repayment* | *$0* |
| *F.* | *Balance Available for Coverage* | *$0* |

## XXX. CURRENT OPERATING BUDGET - (WATER SYSTEM)

(As of the last full operating year) Year Ending 12/31/2008

| | | | |
|---|---|---|---|
| A. | Operating Income: | | |
| | Water Sales | $ | 1,485,431 |
| | Disconnect/Reconnect/Late Charge Fees | $ | 61,967 |
| | Other (Describe) | | |
| | Less Allowances and Deductions | | |
| | Total Operating Income | $ | 1,547,398 |
| B. | Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | | |
| | Source of Supply Expense | $ | 672,719 |
| | Pumping Expense | $ | 53,246 |
| | Water Treatment Expense | $ | - |
| | Transmission and Distribution Expense | $ | 301,741 |
| | Customer Accounts Expense | $ | 59,251 |
| | Administrative and General Expense | $ | 91,487 |
| | Total Operating Expenses | $ | 1,178,444 |
| | Net Operating Income | $ | 368,954 |
| C. | Non-Operating Income: | | |
| | Interest on Deposits | $ | 23,792 |
| | Other (Identify) | | |
| | Total Non-Operating Income | $ | 23,792 |
| D. | Net Income | $ | 392,746 |
| E. | Debt Repayment: | | |
| | RUS Interest | $ | 110,200 |
| | RUS Principal | $ | 57,200 |
| | Non-RUS Interest | $ | 1,020 |
| | Non-RUS Principal | $ | 12,000 |
| | Total Debt Repayment | $ | 180,420 |
| F. | Balance Available for Coverage | $ | 212,326 |

## XXXI. PROPOSED OPERATING BUDGET - (WATER SYSTEM) - EXISTING SYSTEM AND NEW USERS (1st Full Year of Operation) Year Ending 2010

| | | | |
|---|---|---|---|
| A. | Operating Income: | | |
| | Water Sales | $ | 1,582,784 |
| | Disconnect/Reconnect/Late Charge Fees | $ | 50,000 |
| | Other (Describe) Tap Fees & Misc | | |
| | Less Allowances and Deductions | | |
| | Total Operating Income | $ | 1,632,784 |
| B. | Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | | |
| | Source of Supply Expense | $ | 715,000 |
| | Pumping Expense | $ | 60,000 |
| | Water Treatment Expense | $ | - |
| | Transmission and Distribution Expense | $ | 315,000 |
| | Customer Accounts Expense | $ | 60,000 |
| | Administrative and General Expense | $ | 170,000 |
| | Total Operating Expenses | $ | 1,320,000 |
| | Net Operating Income | $ | 312,784 |
| C. | Non-Operating Income: | | |
| | Interest on Deposits | $ | 35,000 |
| | Other (Identify) In house Construction/Equipment Replacement | $ | (50,000) |
| | Total Non-Operating Income | $ | (15,000) |
| D. | Net Income | $ | 297,784 |
| E. | Debt Repayment: | | |
| | RUS Interest | $ | 125,435 |
| | RUS Principal | $ | 52,085 |
| | Non-RUS Interest | | |
| | Non-RUS Principal | | |
| | Total Debt Repayment | $ | 177,520 |
| F. | Balance Available for Coverage | $ | 120,264 |

## XXXII. PROPOSED OPERATING BUDGET - (WATER SYSTEM) - NEW USERS EXTENSION ONLY (1st Full Year of Operation) Year Ending 2010

| | | | |
|---|---|---|---|
| A. | Operating Income: | | |
| | Water Sales | $ | 990 |
| | Disconnect/Reconnect/Late Charge Fees | | |
| | Other (Describe) Tap Fees & Misc | | |
| | Less Allowances and Deductions | | |
| | Total Operating Income | $ | 990 |
| B. | Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) | | |
| | Source of Supply Expense | $ | 200 |
| | Pumping Expense | $ | 95 |
| | Water Treatment Expense | $ | - |
| | Transmission and Distribution Expense | $ | 75 |
| | Customer Accounts Expense | $ | 60 |
| | Administrative and General Expense | $ | 100 |
| | Total Operating Expenses | $ | 530 |
| | Net Operating Income | $ | 460 |
| C. | Non-Operating Income: | | |
| | Interest on Deposits | | |
| | Other (Identify) | | |
| | Total Non-Operating Income | $ | - |
| D. | Net Income | $ | 460 |
| E. | Debt Repayment: | | |
| | RUS Interest | $ | 200 |
| | RUS Principal | $ | 85 |
| | Non-RUS Interest | | |
| | Non-RUS Principal | | |
| | Total Debt Repayment | $ | 285 |
| F. | Balance Available for Coverage | $ | 175 |

*XXXIII. ESTIMATED PROJECT COST -SEWER*

| | Collection | Treatment | Total |
|---|---|---|---|
| *Development* | | | $ - |
| *Land and Rights* | | | $ - |
| *Legal* | | | $ - |
| *Engineering* | | | $ - |
| *Interest* | | | $ - |
| *Contingencies* | | | $ - |
| *Initial O & M* | | | $ - |
| *Other* | | | $ - |
| *TOTAL* | $ - | $ - | $ - |

*XXXIV. PROPOSED PROJECT FUNDING - SEWER*

| | Collection | Treatment | Total |
|---|---|---|---|
| *Applicant - User Contribution Fees* | | | $ - |
| *Other - Applicant Contribution* | | | $ - |
| *RUS Loan* | | | $ - |
| *RUS Grant* | | | $ - |
| *ARC Grant (If applicable* | | | $ - |
| *CDBG (If applicable)* | | | $ - |
| *Other (Specify)* | | | $ - |
| *TOTAL* | $ - | $ - | $ - |

XXXV. ESTIMATED PROJECT COST - WATER

| | | |
|---|---|---|
| Development | $ | 434,591 |
| Land and Rights | $ | - |
| Legal | $ | 17,500 |
| Engineering | $ | 137,493 |
| Interest | $ | 10,000 |
| Contingencies | $ | 21,416 |
| Initial O & M | $ | - |
| Other | $ | - |
| TOTAL | $ | 621,000 |

XXXVI. PROPOSED PROJECT FUNDING - WATER

| | | |
|---|---|---|
| Applicant - User Connection Fees | | |
| Other Applicant Contribution | | |
| RD Financial Assistance - Loan | $ | 259,000 |
| RD Grant | $ | 112,000 |
| Other - State Grant | $ | 250,000 |
| Other - | | |
| Other - | | |
| TOTAL | $ | 621,000 |